

## **Registrars' report : 1944 / Liverpool Maternity Hospital.**

### **Contributors**

Liverpool Maternity Hospital (Liverpool, England)

### **Publication/Creation**

[Liverpool?] : [publisher not identified] 1944

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REGISTRARS' REPORT

FOR THE YEAR ENDED DECEMBER 31st, 1944

OBSTETRIC SECTION

PREPARED BY

DOREEN MARTIN

M.B., Ch.B., D.Obst., R.C.O.G.

PAEDIATRIC SECTION

PREPARED BY

HELEN M. DUVALL

M.D., Ch.B., M.Sc.

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HOSPITAL PRINTING SPECIALISTS  
CASTLE STREET, SHREWSBURY

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BY

**DOREEN MARTIN**

M.B., Ch.B., D.OBST., R.C.O.G.

AND

**HELEN M. DUVALL**

M.D., Ch.B., M.Sc.

# INDEX

	PAGE
Abdominal Operations (other) ... ..	50
Abortions ... ..	50
Accidental Hæmorrhage :	
Details of Cases ... ..	18
Admitted after Delivery ... ..	50
Albuminuria :	
Details of Cases ... ..	11-13
Summary and Results ... ..	10
Ante-Natal Treatment ... ..	8
Cæsarean Section :	
Details of Cases ... ..	40-49
Summary and Results ... ..	39
Contracted Pelvis ... ..	26
Cord, Prolapse of ... ..	24
Eclampsia :	
Details of Cases ... ..	14
Embryotomy ... ..	49
District Report ... ..	6
Forceps Operations :	
Details of Cases ... ..	33-37
Summary and Results ... ..	32
General Statement ... ..	6
Glossary of Abbreviations ... ..	3
Heart Disease :	
Details of Cases ... ..	9
Summary and Results ... ..	8
Induction of Labour :	
Details of Cases ... ..	27-31
Summary and Results ... ..	26
Infants : Autopsies ... ..	57
Congenital Deformities ... ..	57
Deaths ... ..	56
Birth Trauma ... ..	58
Infant Clinics ... ..	61
Infant Feeding ... ..	59
Infections ... ..	58
Mortality ... ..	55
Multiple Deliveries ... ..	59
Neonatal Diseases ... ..	58
Overweight Infants ... ..	60
Prematurity ... ..	61
Retained Placenta ... ..	25
Medical Officers ... ..	4-5
Morbidity ... ..	51
Mortality :	
Details of Maternal Deaths ... ..	52
Placenta Prævia	
Details of Cases ... ..	16
Summary and Results ... ..	15
Post-Partum Hæmorrhage ... ..	24
Pre-Maternity Clinics ... ..	6
Presentations :	
Breech ... ..	20
Brow ... ..	23
Face ... ..	23
Shoulder ... ..	23
Occipito-Posterior ... ..	20
Stillbirths ... ..	45
Triplets ... ..	19
Twins ... ..	19
Version .. ..	38

### Glossary of Abbreviations.

A.P.H.	...	...	Ante-partum hæmorrhage.
A.R.M.	...	...	Artificial rupture of membranes.
B....	...	...	Booked.
B.B.A.	...	...	Born before admission.
C.H.	...	...	Convalescent Hospital.
C.S.	...	...	Cæsarean section.
D....	...	...	Died.
E....	...	...	Emergency.
G.A.	...	...	General anæsthetic.
L....	...	...	Lived.
L.A.	...	...	Local anæsthetic.
L.M.A.	...	...	Left mento anterior.
L.O.A.	...	...	Left occipito anterior.
L.O.T.	...	...	Left occipito transverse.
L.S.A.	...	...	Left sacro anterior.
L.U.S.	...	...	Lower uterine segment.
M.	...	...	Macerated.
M1	...	...	Multipara 1, 2, etc.
P....	...	...	Primigravida.
P.M.	...	...	Post-mortem.
P.O.P.	...	...	Persistent occipito posterior.
P.P.H.	...	...	Post-partum hæmorrhage.
R.M.A.	...	...	Right mento anterior.
R.O.A.	...	...	Right occipito anterior.
R.O.T.	...	...	Right occipito transverse.
R.S.A.	...	...	Right sacro anterior.
S.A.	...	...	Spinal anæsthetic.
SB.	...	...	Stillborn.

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## GENERAL STATEMENT

### Statistical Summary

3,545 Patients were attended by the Hospital. 1,172 were attended in their own homes; 2,373 were admitted to the Hospital, of which 1,727 were booked, and 646 emergency cases. This report deals in detail with In-patients treated in Hospital. A summary of cases delivered in their own homes will be found below:—

### Booked Cases

Delivered in Hospital after 28th week ... ..	1,699
Delivered in Hospital before 28th week ... ..	10
Discharged undelivered and not readmitted ... ..	9
Admitted after delivery ... ..	9
Discharged undelivered and readmitted for delivery ...	250
Died undelivered ... ..	0
Total ... ..	1,727

### Emergency Cases

Admitted before Labour—	
(1) Delivered in Hospital ... ..	332
(2) Discharged undelivered and not readmitted ...	50
(3) Died undelivered ... ..	0
Admitted in labour—	
Delivered in Hospital ... ..	245
Admitted after delivery ... ..	11
Abortions ... ..	8
Total ... ..	646

The Hospital with its Post-natal Annexe has 125 In-patient beds, of which 98.54 were continuously occupied throughout the year under review. The average number of days each patient was resident was 14.19 days.

### Pre-Maternity Clinics

Ante-Natal Clinics in various districts of the city are administered by the Hospital in co-operation with the Maternity Child Welfare Subcommittee of the Liverpool Corporation.

No. of patients who attended these Clinics ... ..	3,771
Total number of attendances ... ..	18,992
The Ante-Natal Clinic of the Hospital has dealt with the following:—	
New Cases ... ..	2,757
Total Ante-Natal attendances ... ..	14,704
Post-Natal attendances ... ..	1,124

## DISTRICT REPORT

Of the 3,545 patients attended by the Hospital, 1,172 were attended in their own homes.

### Mothers

Delivered at home... ..	1,090
Transferred to Hospital before or during labour ...	64
Abortions ... ..	18
Total ... ..	1,172

**Babies**

Stillborn ... ..	29
Neo-natal deaths ... ..	7
Survived (7 cases of twins) ... ..	1,061

**Presentations**

B.B.A. ... ..	99
Anterior Vertex ... ..	947
Posterior Vertex ... ..	18
Breech ... ..	16
Transverse lie ... ..	17
Total ... ..	<u>1,097</u>

**Complications**

Maternal deaths ... ..	1
Accidental hæmorrhage ... ..	17
Placenta prævia ... ..	7
Post-partum hæmorrhage ... ..	34
Forceps ... ..	20
Perineal tear ... ..	141
Pyrexia ... ..	50
Mastitis ... ..	22
Other causes ... ..	28

One mother died, a maternal mortality of 0.09%.

36 Babies died or were stillborn, a foetal mortality of 3.38%.

## ANTE-NATAL TREATMENT

230 cases : 138 Booked and 92 Emergency

	BOOKED					EMERGENCY				
	No. of Cases	Del'd in Hosp.	Undel'd	Died Before Del'ry	Died After Del'ry	No. of Cases	Del'd in Hosp.	Undel'd	Died Before Del'ry	Died After Del'ry
Albuminuria ...	62	61	1	—	—	46	43	3	—	1
Anæmia ...	4	4	—	—	—	12	9	3	—	—
Acholic jaundice ...	—	—	—	—	—	1	1	—	—	—
Cardiac ...	39	38	1	—	1	9	9	—	—	1
Diabetic ...	2	2	—	—	—	2	2	—	—	—
Hydramnios ...	6	6	—	—	—	3	3	—	—	—
Hyperemesis ...	4	4	—	—	—	5	4	1	—	—
Hypertension ...	8	6	2	—	—	2	2	—	—	—
Phthisis ...	1	1	—	—	—	—	—	—	—	—
Pyelitis ...	5	5	—	—	—	4	3	1	—	—
Observation of A.P.H.	5	5	—	—	—	6	4	2	—	—
Thrombo phlebitis	2	2	—	—	—	2	1	1	—	—
	<u>138</u>	<u>134</u>	<u>4</u>	<u>—</u>	<u>1</u>	<u>92</u>	<u>81</u>	<u>11</u>	<u>—</u>	<u>2</u>

## HEART DISEASE

48 cases. 39 booked and 9 emergency.

Type	Mothers				Infants		
	P.	M.	L.	D.	L.	D.	SB.
Mitral disease ...	26	12	37	1	35	—	1
Mitral and aortic disease ...	3	1	4	—	3	—	—
Congenital lesion ...	2	—	2	—	1	—	—
Auricular fibrillation ...	2	1	3	—	—	—	—
Bacterial endocarditis ...	—	1	—	1	1	—	—
	<u>33</u>	<u>15</u>	<u>46</u>	<u>2</u>	<u>40</u>	<u>—</u>	<u>1</u>

### METHODS OF DELIVERY

Natural forces ...	28
Forceps ...	4
Cæsarean Section ...	8
Induction of abortion ...	6
Spontaneous abortion ...	1
	<u>47</u>

One patient transferred to Women's Hospital for termination of pregnancy.

Two mothers died, a mortality of 4.17%.

One patient had twins : one baby was stillborn, a foetal mortality of 2.2%.

# HEART DISEASE

Reg. No.	Age	Grav. Maturity	Type	Symptoms of failing Compensation	Days in Hosp. before delivery	Method of Delivery	Result M. C.	Remarks
<b>BOOKED CASES</b>								
11417	39	P.	Mitral stenosis with slow fibrillation	Dyspnoea and oedema	25	Complete abortion	L.	Discharged against advice. Readmitted in labour.
11648	38	M3	Mitral stenosis	Dyspnoea	35	Normal	L.	Induced A.R.M.
11629	31	P.	Mitral stenosis	None	16	Breech	L. SB.	Admitted in premature labour.
11695	36	P.	Mitral stenosis	Dyspnoea	16	Abdominal hysterotomy	L.	Sterilised. Local anaesthesia.
11623	29	P.	Mitral stenosis and aortic regurgitation	None	9	Normal	L.	Admitted in premature labour.
11818	38	M3	Mitral stenosis and aortic regurgitation	Dyspnoea and oedema	10	Abdominal hysterotomy	L.	Sterilisation under local anaesthesia.
11723	20	P.	Mitral stenosis	Dyspnoea	14	Normal	L.	Readmitted in premature labour.
11532	25	P.	Mitral stenosis	Dyspnoea	24	Normal	L.	Readmitted in labour at term.
11872	27	P.	Mitral stenosis	None	12 + 21	Cesarean Section—local anaesthesia	L.	Admitted for rest before delivery.
11255	38	M3	Mitral stenosis	Dyspnoea	1	Normal	L.	Readmitted three weeks before operation. Sterilisation.
11924	28	M3	Mitral stenosis	None	1	Normal	L.	Readmitted before delivery. Sterilised in puerperium.
11646	38	M4	Mitral stenosis	Dyspnoea and palpitation	10 + 8	Normal	L.	Admitted in labour.
12115	29	P.	Mitral stenosis	None	5	Normal	L.	Sterilisation.
12178	38	P.	Mitral stenosis	Dyspnoea and palpitation	14	Cesarean Section—local anaesthesia	L.	Sterilisation in puerperium.
12075	31	P.	Mitral stenosis	Dyspnoea	5	Breech	L.	Secondary P.P.H. Admitted in labour.
11708	33	P.	Mitral stenosis and aortic regurgitation	Dyspnoea	30	Forceps	L.	Induced A.R.M.
12231	26	P.	Mitral stenosis	None	3	Normal	L.	See Maternal Death No. 11951.
12218	22	M1	Mitral stenosis	Dyspnoea	30	Normal	L.	Sterilisation.
12410	38	P.	Mitral stenosis	None	90	Forceps	D.	Readmitted in labour at term.
11951	31	P.	Mitral stenosis	Dyspnoea and oedema	30	Normal	L.	Sterilisation.
12389	28	P.	Congenital complete heart block	None	35	Cesarean section—local anaesthesia	L.	Readmitted in labour at term.
12390	29	P.	Mitral stenosis	Dyspnoea	7	Normal	L.	Sterilisation.
12358	35	M1	Mitral stenosis	Oedema	5	Forceps	L.	Readmitted in labour at term.
12890	21	P.	Mitral stenosis and aortic regurgitation	None	14 + 42	Cesarean section—local anaesthesia	L.	Sterilisation. Left hemiplegia 10th of puerperium. Rapid recovery.
12411	24	P.	Mitral stenosis	Dyspnoea and marked cyanosis	27	Normal delivery	L.	Rh. negative.
12900	32	M4	Mitral stenosis	Dyspnoea	—	Normal delivery	L.	Admitted in labour.
12845	24	P.	Mitral stenosis	None	11	Normal	L.	Admitted in labour.
12714	30	P.	Mitral stenosis	None	15	Transferred to Women's Hospital for hysterotomy.	L.	Admitted in labour.
12481	21	P.	Mitral stenosis	Dyspnoea and oedema	9	Normal	L.	
12929	24	P.	Mitral stenosis	Dyspnoea and oedema	15	Normal	L.	
12885	24	P.	Mitral stenosis	Oedema	15	Normal	L.	
12929	24	P.	Mitral stenosis	None	10	Normal	L.	
13048	22	P.	Mitral stenosis	None	18	Normal	L.	
13070	22	P.	Mitral stenosis	Dyspnoea	3	Normal	L.	
13120	23	M1	Mitral stenosis	Dyspnoea	11	Normal	L.	
13193	19	P.	Mitral stenosis	Dyspnoea	16	Normal	L.	Twins.
13180	33	M1	Mitral stenosis	Dyspnoea	9	Normal	L.	Admitted in labour.
13347	23	P.	Mitral stenosis	None	—	Cesarean section—local anaesthesia	L.	
6641	27	M1	Mitral stenosis	Dyspnoea and oedema	20	Abdominal hysterotomy	L.	Sterilisation. Local anaesthesia.
<b>EMERGENCY CASES</b>								
11709	37	P.	Branch bundle block	Dyspnoea	11	Cesarean Section	L.	Local anaesthesia.
11877	37	P.	Mitral stenosis	Dyspnoea	6	Abdominal hysterotomy	L.	Local anaesthesia.
12181	32	P.	Mitral stenosis	Dyspnoea and oedema	3	Normal	L.	Local anaesthesia. Sterilisation.
12388	42	M5	Mitral stenosis	Dyspnoea and oedema	7	Abdominal hysterotomy	L.	Induced. A.R.M.
12626	24	P.	Mitral stenosis	Dyspnoea and oedema	4	Forceps	L.	
13053	42	M7	Aortic stenosis	None	1	Cesarean Section	L.	
13272	31	P.	Mitral stenosis	Dyspnoea	43	Normal at 32nd week	D.	See Maternal Death No. 12727
13352	35	M3	Mitral stenosis	Oedema				
12727	28	M3	Bacterial endocarditis	Oedema				

## ALBUMINURIA WITHOUT CONVULSIONS

107 cases were treated during the year : 62 Booked and 45 Emergency

		SUMMARY OF RESULTS							
		No. of Cases		Mothers		Infants			
		P.	M.	L.	D.	L.	SB.	M.	D.
Booked ...	...	36	26	62	—	56	3	2	1
Emergency ...	...	30	15	44	1	35	0	5	1
		<hr/>		<hr/>		<hr/>			
		66	41	106	1	91	3	7	2
		<hr/>		<hr/>		<hr/>			
		107		107		103			

One mother died, a maternal mortality of 0.9%.

There were 5 pairs of twins, and 5 pregnancies terminated before viability of the child. Of 103 babies, 12 were lost, a foetal mortality of 11.65%.

TREATMENT				
Rest and diet ...	...	...	...	36
Induction—				
(a) Medicinal ...	...	...	...	5
(b) A.R.M. ...	...	...	...	49
(c) Tube ...	...	...	...	1
Cæsarean Section ...	...	...	...	12
Induction of abortion ...	...	...	...	4
<hr/>				
Total ...	...	...	...	107

METHOD OF DELIVERY				
Natural forces ...	...	...	...	29
Natural forces after induction ...	...	...	...	49
Forceps ...	...	...	...	10
Cæsarean Section ...	...	...	...	12
Induction of abortion ...	...	...	...	4
(a) Hysterotomy ...	...	...	...	3
(b) Tube ...	...	...	...	1
<hr/>				
				104

Three patients were transferred to Women's Hospital for termination of pregnancy.

ALBUMINURIA

Reg. No.	Age	Gravida	Maturity	Relevant Past History	Albumin on admn. grms.	Albumin on disch. grms.	Oedema	Head-Eye aches	Signs	Highest B.P.	No. of days in Hospital before Delivery	Special treatment	Type of labour	Result M. C.	Remarks
<b>BOOKED CASES</b>															
11644	25	P.	36	Nil	1.5	Nil	+	+	—	166/100	1	...	Normal	L.	
11637	30	M1	38	Nil	1.0	Nil	+	+	—	165/90	1	...	Normal	L.	
11562	31	P.	38	Nil	1.0	Nil	—	—	—	130/75	11	A.R.M.	Normal	L.	
11547	30	M1	34	Nil	0.5	Nil	—	—	—	178/120	12	A.R.M.	Normal	L.	
11554	36	P.	38	Nil	1.0	Nil	—	—	—	160/90	2	L.U.S. Caesarean	Forceps	L.	
11660	38	P.	36	Nil	2.0	Trace	+	+	—	165/100	16	A.R.M.	Local anaesthesia	L.	
10571	25	P.	38	Nil	0.5	Trace	—	—	++	165/100	8	...	Normal	L.	Mother Rh. negative.
11715	30	M2	30	Nil	8.0	Trace	—	—	—	184/110	10	...	Normal	L. SB.	Fœtus hydrops, foetalis.
11705	21	P.	36	Nil	0.5	Nil	+	—	—	160/104	16	A.R.M.	Normal	L.	Albumen rose to 16 grms. on 3rd day.
11710	22	P.	33	Nil	2.5	Trace	—	—	—	186/100	3	L.U.S. Caesarean	Local anaesthesia	L. D.	
6347	37	M2	37	Previous pregnancy	2.0	Nil	+	+	—	162/90	6	A.R.M.	Normal	L.	
11724	21	P.	35	Nil	2.0	Nil	+	+	—	156/100	8	A.R.M.	Normal	L.	
11810	34	P.	38	Nil	1.5	Nil	—	—	—	190/100	2	...	Normal	L.	
11864	21	P.	37	Nil	0.5	Nil	—	—	—	150/100	3	...	Normal	L.	
3153	29	M1	39	Previous pregnancy	1.0	Trace	+	+	—	140/90	5	...	Normal	L.	
11958	25	P.	37	Nil	0.5	Nil	+	+	—	130/80	11	A.R.M.	Normal	L.	
12048	34	M1	38	Nil	0.5	Nil	—	—	—	126/80	4	A.R.M.	Normal	L.	
11875	34	P.	36	Nil	1.0	Nil	+	+	—	188/106	4	L.U.S. Caesarean	Local anaesthesia	L.	
12046	23	P.	39	Nil	1.0	Trace	+	+	—	160/90	2	...	Normal	L.	
12052	26	M2	38	Nil	0.5	Nil	+	+	—	130/80	4	A.R.M.	Normal	L.	
11774	23	P.	38	Nil	0.75	Nil	+	+	—	150/90	15	A.R.M.	Normal	L.	
11960	29	P.	41	Nil	1.5	Nil	+	+	—	140/80	1	A.R.M.	Forceps	L. SB.	Baby died in first stage of labour.
12056	39	M11	38	Nil	1.0	Nil	+	—	—	180/100	3	A.R.M.	Normal	L.	
11703	36	P.	34	Nil	2.0	Trace	+	+	—	150/100	18	L.U.S. Caesarean	Normal	L.	
2137	29	M3	36	Previous pregnancy	3.5	Nil	+	+	—	146/96	3	A.R.M.	Normal	L.	
11687	43	M8	28	Previous pregnancy	1.5	Nil	+	+	+	150/100	6	A.R.M.	Normal	L.	
12076	20	P.	37	Nil	10.0	0.5	+	+	—	170/100	1	A.R.M.	Normal	L.	
12092	26	P.	38	Nil	1.75	Nil	—	—	—	156/100	8	...	Normal	L.	
12220	22	P.	32	Nil	3.0	Trace	—	—	+	170/110	15	Stilboestrol	Normal	L. M.	Intra-uterine death.
12221	36	P.	39	Nil	1.5	Trace	+	+	—	180/100	3	...	Forceps	L.	
9972	26	M1	40	Previous pregnancy	0.5	Nil	—	—	—	160/100	2	...	Normal	L.	
12320	32	P.	37	Nil	2.5	Nil	—	—	—	140/110	8	A.R.M.	Normal	L.	
12189	31	P.	37	Nil	1.25	Nil	—	—	—	158/112	12	...	Normal	L.	
9669	38	M1	36	Previous pregnancy	2.0	F. Trace	+	+	—	200/125	3	...	Breech	L.	Twins.
12400	25	P.	40	Nil	2.0	0.5	+	+	—	160/110	1	...	Normal	L.	
12607	27	P.	40	Nil	2.0	Nil	+	+	+	140/90	1	A.R.M.	Normal	L.	
12605	32	P.	41	Nil	1.0	Nil	+	+	—	156/96	3	...	Normal	L.	
12608	26	P.	36	Nil	0.5	Nil	+	+	—	160/100	20	...	Normal	L.	
12902	29	M1	41	Nil	1.5	Nil	+	+	—	130/96	2	A.R.M.	Normal	L.	
12620	32	P.	36	Nil	2.0	Trace	+	+	—	160/110	6	A.R.M.	Normal	L.	
4751	37	M2	37	Previous pregnancy	2.0	Trace	—	—	—	150/100	8	A.R.M.	Normal	L.	
12753	29	M2	38	Nil	0.25	Nil	+	+	—	140/90	7	A.R.M.	Normal	L.	
12758	42	M8	38	Nil	0.5	Trace	+	+	—	160/90	8	A.R.M.	Normal	L.	

## ALBUMINURIA (continued)

Reg. No.	Age	Gravida	Maturity	Relevant Past History	Albumin on admn. grms.	Albumin on disch. grms.	Oedema	Head-aches	Eye Signs	Highest B.P.	No. of days in Hospital before Delivery or Discharge	Special treatment	Type of labour	Result M. C.	Remarks
12737	26	P.	12	Nephritis aged 22 years	8.0	—	+++	++	—	150/90	22	...	...	...	Transferred to Women's Hospital for termination of pregnancy.
12758	42	M8	38	Nil	0.5	Trace	+++	—	—	160/90	8	A.R.M.	Normal	L.	
13039	23	P.	40	Nil	1.25	Nil	+++	—	—	136/88	4	...	Normal	L.	
12889	39	M1	34	Nil	3.0	0.5	+++	+	—	140/96	19	A.R.M.	Normal	L.	
10448	35	M6	39	Nil	1.0	Trace	+	—	—	120/80	5	A.R.M.	Breech	L.	
13041	24	P.	35	Nil	0.5	Nil	—	—	—	150/110	6	...	Normal	L.	
12905	34	M2	35	Previous pregnancy	5.0	2.5	+++	—	—	150/94	10	...	Normal	L. SB.	Patient took her own discharge, would not attend clinic. Re-admitted in labour, foetal heart not heard.
13061	40	M3	39	Nil	2.0	Nil	—	+	—	160/90	3	...	Normal	L.	
12938	25	M1	38	Nil	1.0	Trace	++	—	—	150/98	11	...	Normal	L.	Twins.
12934	33	M1	40	Nil	1.0	Nil	+	—	—	144/96	5	A.R.M.	Normal	L.	
9466	24	M2	36	Nil	0.5	Nil	—	—	—	140/110	8	A.R.M.	Normal	L.	
1188	31	M1	28	Previous pregnancy	6.0	Trace	++	—	—	190/100	28	A.R.M.	Normal	L. M.	Intra-uterine death.
13193	19	P.	38	Nil	0.5	Nil	—	—	—	140/90	11	A.R.M.	Normal	L.	
13192	36	P.	19	Chronic nephritis	4.0	Nil	+++	++	—	180/100	3	Abdominal hysterotomy	Local anaesthetic	L.	
13183	23	P.	37	Chronic nephritis	2.0	Trace	++	++	—	140/96	10	A.R.M.	Normal	L.	
13055	23	P.	35	Nil	1.0	Nil	++	—	—	140/90	14	A.R.M.	Normal	L.	
12526	40	M1	39	Nil	1.0	Nil	++	+	—	160/104	5	L.U.S. Caesarean	...	L.	Last baby 19 years ago. Cervix not suitable for induction.
13082	23	P.	39	Nil	1.5	Nil	++	—	—	156/115	6	A.R.M.	Normal	L.	
EMERGENCY CASES															
11650	19	P.	37	Nil	2.0	Trace	—	+	—	140/90	7	A.R.M.	Normal	L.	
11550	37	P.	34	Nil	12.0	Trace	+++	—	—	150/100	18	Stilboestrol	Normal	M.	Intra-uterine death two days after admission.
11566	30	M1	39	Nil	2.0	Nil	++	—	—	160/100	9	A.R.M.	Normal	L.	
11645	33	M1	33	Previous pregnancy	2.0	0.5	+	—	—	206/130	18	Stilboestrol	Normal	M.	Intra-uterine death five days after admission.
11642	36	P.	37	Nil	0.5	0.25	+	—	—	150/96	14	...	Normal	L.	
11697	29	P.	37	Nephritis	0.5	F. Trace	++	+	—	176/100	16	A.R.M.	Normal	L.	
11701	38	M1	38	Previous pregnancy. Eclampsia	3.0	0.5	+	—	—	176/120	4	L.U.S. Caesarean	Normal	L.	Previous child S.B.
11862	37	P.	20	Nil	10.0	5.0	+	—	—	136/86	11	...	...	L.	Transferred to Women's Hosp. for hysterotomy.
11819	27	P.	40	Nil	2.0	F. Trace	++	—	—	160/98	6	...	Forceps	L.	
11813	40	P.	25	Chronic nephritis	1.0	1.0	++	—	—	196/110	7	Tube induction	Complete abortion	L.	
11689	43	M1	26	Nil	4.0	0.75	—	—	—	178/110	14	Abdominal hysterotomy	Local anaesthesia	L.	
11950	38	M8	26	Previous pregnancy	Solid	2.0	+	—	—	255/155	1	Abdominal hysterotomy	Local anaesthesia	L.	Sterilisation.
11876	28	P.	36	Nil	12.0	Nil	+++	—	—	172/90	2	A.R.M.	Normal	L.	Twins.
11966	20	P.	36	Nil	3.0	Trace	—	—	—	220/150	—	A.R.M. on admission	Forceps	L.	Retinal haemorrhages.
11095	24	P.	37	Nil	1.4	Trace	—	—	—	160/90	11	A.R.M.	Forceps	L.	Twins.

## ALBUMINURIA (continued)

Reg. No.	Age	Gravida	Maturity	Relevant Past History	Albumin on admn. grms.	Oedema	Head-aches	Eye Signs	Highest B.P.	No. of days in Hospital before Delivery or Discharge	Special treatment	Type of labour	Result M. C.	Remarks
12091	32	P.	40	Nil	1.75	1.0	—	—	180/110	3	A.R.M.	Normal	L.	
11880	29	P.	33	Nil	5.0	Nil	++	—	160/110	9	L.U.S. Casarean	Breech	L.	
12192	23	P.	39	Nil	4.0	Trace	++	—	186/100	5	A.R.M.	Forceps	L.	
12187	30	P.	40	Nil	14.0	0.5	—	—	184/110	1	...	Normal	L.	
12093	34	P.	37	Nil	0.75	Nil	++	—	170/100	16	...	Normal	L.	
12182	18	P.	38	Nil	1.0	Trace	++	—	166/90	1	A.R.M.	Normal	L.	
12210	31	M1	36	Previous pregnancy	4.0	Trace	++	—	130/70	1	A.R.M.	Normal	L.	
12223	34	P.	38	Nil	1.5	Nil	++	—	156/100	8	A.R.M.	Normal	L.	
12136	29	M2	36	Nil	2.0	F. Trace	++	—	160/110	4	...	Normal	L.	
11654	23	M1	37	Nil	2.0	0.5	+++	—	180/80	4	...	Normal	L.	
12339	21	P.	12	Nephritis five years ago	14.0	—	++	—	140/90	7	...	...	...	Patient took her own discharge. Breech delivery, living, by District Midwife. Transferred to Women's Hospital for termination of pregnancy.
12214	29	M3	38	Previous pregnancies	2.0	Nil	++	—	140/100	2	...	Normal	L.	
12616	36	M2	18	Previous pregnancies	5.0	0.5	—	—	250/136	7	...	Complete abortion	L.	Macerated foetus.
12398	21	P.	34	Nil	5.0	Trace	++	—	160/110	13	L.U.S. Casarean	Local anaesthesia	L.	
12629	30	P.	36	Nil	0.5	Nil	++	—	155/105	7	L.U.S. Casarean	Normal	L.	
12621	33	P.	34	Nil	8.0	Trace	++	—	190/120	14	A.R.M.	Breech	L.	Intra-uterine death.
12899	25	M1	32	Nil	3.25	Trace	++	—	166/120	14	L.U.S. Casarean	Normal	L.	
12891	31	P.	39	Nil	2.0	Nil	++	—	140/90	9	Stilboestrol	Local anaesthesia	L.	See Maternal death No. 12906.
12906	39	P.	34	Nil	3.0	Nil	+++	—	150/80	13	L.U.S. Casarean	Normal	D.	
4930	30	M1	35	Previous pregnancy	8.0	F. Trace	+++	—	190/130	7	A.R.M.	Breech	L.	Intra-uterine death. Fœtal heart not heard on admission.
13060	28	P.	36	Nil	2.0	F. Trace	—	—	140/90	2	...	Normal	L.	Twins.
13058	29	P.	36	Nil	10.0	Nil	++	—	170/115	4	A.R.M.	Forceps, Breech extraction	L.	
13078	36	P.	38	Nil	0.75	Trace	++	—	150/104	14	...	Normal	L.	
12761	42	M1	30	Nil	0.75	F. Trace	+	—	190/100	10	L.U.S. Casarean	Normal	L.	
6584	38	M7	38	Nil	8	0.5	++	—	150/90	2	A.R.M.	Normal	L.	
13260	39	P.	39	Nil	5	Trace	++	—	180/100	3	A.R.M.	Forceps	L.	
9453	27	M1	38	Previous pregnancy	0.5	Nil	—	—	154/90	9	A.R.M.	Normal	L.	
13275	28	P.	38	Nil	1.5	Nil	—	—	140/90	3	A.R.M.	Forceps	L.	
13258	32	P.	36	Nil	4	F. Trace	++	—	220/120	3	Stilboestrol	Normal	L.	Intra-uterine death.
13054	27	P.	33	Nil	0.5	Nil	+++	—	170/110	24	Tubal induction	Normal	L.	



## ECLAMPSIA

### 3 Emergency Cases

Reg. No.	Age	Gravida	Maturity	Condition on admission	Fits		URINE				Oedema	Highest B.P.	Head-aches	Eye Signs	Days in Hospital before Delivery or Death	Treatment	Type of labour	Result	Remarks
					Before adm'n	Total	Alb. adm'n grms.	Alb. on disch. grms.	Quant. in first 24 hr.	B.P.									
13012	28	P.	34	Fair, not in labour	8	8	Ante-partum	12.5	Nil	19½ oz.	+	176/110	+	—	13	Morphia, mag. sulph, sodium luminal	Breech	M. C. L.	Fits controlled with sedatives. Baby died in utero. Labour induced with stilboestrol.
13084	33	P.	30	Pre-eclampsia	...	0	1	Ante-partum	24	Trace	28 oz.	++	180/110	+	5	Caesarean Section	...	L. D.	See Maternal Death No. 13034.
13034	23	P.	38	Pre-eclampsia	...	0	2	Intra-partum	16	—	9 oz.	++	170/106	—	3	Morphia and mag. sulph.	...	D. L.	

One mother died, a maternal mortality of 33½%.  
Two babies were lost, a foetal mortality of 66½%.

## ANTE-PARTUM HÆMORRHAGE. PLACENTA PRÆVIA

21 cases : 8 Booked and 13 Emergency

Treatment	SUMMARY OF RESULTS							
	Variety		Mothers		Infants			
	Central	Lateral	L.	D.	L.	SB.	M.	D.
Expectant	—	—	—	—	—	—	—	—
A.R.M. and Willet's forceps	—	—	—	—	—	—	—	—
A.R.M.	—	5	5	—	6	—	—	—
Version and plugging with half breech	—	2	2	—	1	1	—	—
L.U.S. Cæsarean Section	9	5	14	—	13	—	—	2
Total	9	12	21	0	20	1	—	2
	21		21		23 (two sets of twins)			

No mother died.  
 3 Babies were lost, a foetal mortality of 13.04%.  
 2 Patients were transfused.

## ANTE-PARTUM HÆMORRHAGE. PLACENTA PRÆVIA

Reg. No.	Age	Grav- ida	Matur- ity	Condition on Admission	Variety	Treatment	Result M. C.	Remarks
11365	39	M11	28	Not in labour. Good condition ...	Central ...	L.U.S. Cesarean at 35th week. Local anaesthesia	L. L.	Repeated small losses. Abdominal diagnosis. Uterine incision through placenta.
12751	38	P.	36	Not in labour. Good condition ...	Central ...	L.U.S. Cesarean. Local anaesthesia	L. L.	Abdominal diagnosis. Uterine incision through placenta. Cervical fibroid.
12717	28	P.	30	Not in labour. Good condition ...	Central ...	L.U.S. Cesarean. Local anaesthesia	L. L.	Repeated small losses. Abdominal diagnosis and cystogram. Operation at 38th week.
1382	37	M1	40	Not in labour. Good condition ...	Central ...	L.U.S. Cesarean. Local anaesthesia	L. L.	No hæmorrhage. Discovered at repeat C.S. for disproportion.
11846	28	P.	40	In labour. Good condition ...	Low lateral	L.U.S. Cesarean. Local anaesthesia	L. L.	Two previous small losses. Brisk hæmorrhage in labour.
4709	26	M1	40	Not in labour. Good condition ...	Low lateral	L.U.S. Cesarean. Local anaesthesia	L. L.	Repeated small hæmorrhage before admission. Abdominal diagnosis.
11978	27	P.	33	Not in labour. Good condition ...	Low lateral	L.U.S. Cesarean. Local anaesthesia	L. L.	Repeated small losses. Abdominal diagnosis and cystogram. Placenta on posterior wall, one inch from os. Operation at 38th week.
13037	34	P.	39	Not in labour. Good condition ...	Low lateral	L.U.S. Cesarean. Local anaesthesia	L. L.	Abdominal diagnosis. Placenta posterior-lateral wall $\frac{1}{2}$ inch from os.
EMERGENCY CASES								
11768	41	M1	37	Not in labour. Good condition ...	Central ...	L.U.S. Cesarean. Local anaesthesia	L. L.	One large loss. C.S. on admission. Abdominal diagnosis.
9603	28	M1	31	Not in labour. Good condition ...	Central ...	L.U.S. Cesarean. Local anaesthesia	L. L.	Abdominal diagnosis. C.S. at 37th week. Severe P.P.H. Transfused.
6521	30	M1	32	Not in labour. Fair condition ...	Central ...	L.U.S. Cesarean. Local anaesthesia	L. L.	Brisk hæmorrhage with large clots. Abdominal diagnosis. Transfused before operation. Uterine incision through placenta.
13088	38	M6	27	Not in labour. Good condition ...	Central ...	L.U.S. Cesarean. Local anaesthesia	L. D.	Severe loss before admission. Abdominal diagnosis. Twins, weight 3 lb., 7 oz., 3 lb., 8 oz. Lived 6 hours.
13374	39	M6	40	Not in labour. Good condition ...	Central ...	L.U.S. Cesarean. Local anaesthesia	L. L.	Continued slight loss for 5 hours. Abdominal diagnosis. Placenta on anterior wall. Upper edge in uterine incision.
11640	29	M2	30	Not in labour. Good condition ...	Low lateral	Bipolar version ...	L. SB.	One severe hæmorrhage before admission. Placenta on posterior wall.
11630	40	M4	35	Not in labour. Good condition ...	Low lateral	Bipolar version ...	L. L.	One brisk hæmorrhage before admission. Placenta felt on posterior wall.
1559	36	M5	36	In labour. Good condition ...	Low lateral	A.R.M. ...	L. L.	Placenta felt on posterior wall. Brisk loss after delivery of 1st twin. A.R.M. and leg brought down.
1246	30	M2	38	Not in labour. Good condition ...	Low lateral	A.R.M. ...	L. L.	Two small hæmorrhages. Placenta felt on anterior wall $1\frac{1}{2}$ in. from os.
592	39	M5	38	Not in labour. Good condition ...	Low lateral	A.R.M. ...	L. L.	Slight loss after external version. Repeated small losses. High Head. Placenta on anterior wall.
12915	29	P.	37	Not in labour. Good condition ...	Low lateral.	L.U.S. Cesarean. Spinal anaesthesia	L. L.	Repeated small losses in 24 hrs. before admission. Placenta felt on posterior wall.
12801	36	M5	36	Not in labour. Good condition ...	High lateral	A.R.M. ...	L. L.	Severe loss before admission. Placenta felt on posterior wall.
12477	38	M4	36	Not in labour. Good condition ...	High lateral	A.R.M. ...	L. L.	Severe loss before admission. Placenta felt on posterior wall.

## ACCIDENTAL ANTE-PARTUM HAEMORRHAGE

19 cases. 6 booked and 13 emergency.

### SUMMARY OF RESULTS

Treatment	Type			Mothers		Infants			
	Cncl.	Rvled.	Mixed	L.	D.	L.	SB.	M.	D.
Conservative	1	—	2	3	—	—	3	—	—
Morphia and A.R.M.	1	7	8	16	—	11	5	—	—
Cæsarean Section	—	—	—	—	—	—	—	—	—
Total	2	7	10	19	0	11	8	0	0

No mother died.

8 Babies were stillborn, a mortality of 42%.

4 Patients were transfused with plasma or blood.

## ACCIDENTAL ANTE-PARTUM HÆMORRHAGE

Reg. No.	Age	Grav. idia	Matur. ity	Condition on Admission	Urine	Type	Treatment	Result	Remarks
<b>BOOKED CASES</b>									
11565	21	P.	34	Good. Not in labour	No albumin	Revealed	Morphia and A.R.M.	M. C.	
12435	24	P.	41	Good. In labour	No albumin	Revealed	Morphia and A.R.M.	L. L.	
2216	29	M4	37	Good. In labour	No albumin	Revealed	Morphia and A.R.M.	L. L.	
8504	29	M1	34	Fair. Not in labour	No Albumin	Mixed	Morphia	L. SB.	Plasma and blood transfusions. 14 oz. of retro-placental clot.
12597	30	P.	40	Good. Not in labour	Albumin	Mixed	Morphia and A.R.M.	L. L.	
4795	33	M2	36	Poor. In labour	No albumin	Mixed	Morphia and A.R.M.	L. SB.	10 oz. retro-placental clot.
<b>EMERGENCY CASES</b>									
11490	25	P.	34	Fair. Not in labour	No albumin	Revealed	Morphia and A.R.M.	L. SB.	
12456	43	M4	40	Good. In labour	No albumin	Revealed	Morphia and A.R.M.	L. L.	Plasma transfusion.
12872	26	M2	36	Good. In labour	No albumin	Revealed	Morphia and A.R.M.	L. L.	
12681	40	M11	40	Good. In labour	No albumin	Revealed	Morphia and A.R.M.	L. L.	
11619	30	M2	32	Fair. Not in labour	Solid	Mixed	Morphia and A.R.M.	L. SB.	Plasma transfusion. Previous toxic premature S.B. No foetal heart on admission.
11891	33	M3	40	Good. Not in labour	No albumin	Mixed	Morphia and A.R.M.	L. L.	
12241	27	P.	36	Fair. Not in labour	Solid	Mixed	Morphia and A.R.M.	L. L.	8 oz. retro-placental clot.
12569	27	P.	33	Good. Not in labour	Albumin	Mixed	Morphia and A.R.M.	L. L.	
13147	34	P.	40	Good. In labour	Albumin	Mixed	Morphia and A.R.M.	L. SB.	6 oz. retro-placental clot.
13134	38	M2	33	Good. Not in labour	No albumin	Mixed	Morphia	L. SB.	
13250	44	M4	39	Good. In labour	No albumin	Mixed	Morphia and A.R.M.	L. L.	
12854	42	M3	40	Fair. In labour	Albumin	Concealed	Morphia	L. SB.	Plasma transfusion. 1 lb. 7 oz. retro-placental clot.
1011	41	M1	39	Good. In labour	No albumin	Concealed	Morphia and A.R.M.	L. SB.	12 oz. retro-placental clot.

**MULTIPLE PREGNANCY** One set of triplets.

43 cases of twins, 28 booked and 15 emergency.

Reg. No.	Age	Gravida	Maturity	Presentation		Sex		Weight		Type	Result	Remarks
				1	2	1	2	1 lb. oz.	2 lb. oz.			
<b>BOOKED CASES</b>												
11436	22	P.	37	R.O.P.	...	F.	F.	4 9	4 5	Uniovular	L. L.	
11510	21	P.	36	R.O.P.	...	M.	M.	5 2	5 0	Uniovular	L. L.	
11574	24	P.	38	R.S.A.	...	M.	F.	5 9	4 9	Binovular	L. L.	
8337	32	M1	38	R.O.A.	...	M.	M.	4 5	7 2	Binovular	L. L.	
11756	30	M4	38	R.O.A.	...	M.	M.	6 9	5 12	Uniovular	L. L.	
8972	32	M1	40	L.O.A.	...	M.	F.	6 0	5 10	Binovular	L. L.	
11895	38	M2	38	R.O.A.	...	M.	M.	4 7	4 5	Binovular	L. L.	
12065	36	M1	38	R.S.A.	...	M.	M.	5 10	6 6	Uniovular	L. L.	Cesarean Section. Previous C.S. for disproportion.
954	40	M5	39	L.O.A.	...	M.	M.	5 14	5 15	Uniovular	L. L.	A.R.M. for over-distended uterus.
6370	30	M2	37	L.O.A.	...	M.	M.	5 14	6 14	Uniovular	L. L.	
12211	26	P.	37	L.O.A.	...	M.	M.	5 4	5 2	Uniovular	L. L.	
3296	29	M2	40	L.O.A.	...	M.	M.	5 4	7 6	Uniovular	L. L.	
12023	23	P.	36	L.O.A.	...	F.	F.	2 7	4 14	Uniovular	L. D.	First twin died 8 weeks old—congenital heart.
9669	38	M1	36	L.S.A.	...	F.	F.	4 13	4 14	Uniovular	L. L.	Pre-eclamptic toxæmia.
12283	27	P.	36	L.O.A.	...	F.	F.	4 15	5 6	Binovular	L. M.	First twin intra-uterine death.
12321	29	P.	39	R.S.A.	...	F.	M.	6 5	7 8	Binovular	L. L.	
12721	34	M4	37	L.O.T.	...	M.	M.	7 0	5 14	Uniovular	L. L.	First twin Kielland's forceps delivery. Second twin internal version. A.R.M. for over-distended uterus.
12664	32	P.	36	L.O.A.	...	F.	F.	4 12	4 14	Binovular	L. L.	
9256	39	M7	30	R.S.A.	...	M.	M.	3 1	3 2	Binovular	L. D.	First twin prolapsed cord. Breech extraction. Second twin breech extraction.
12930	33	M5	41	L.O.A.	...	F.	F.	4 5	5 8	Uniovular	L. L.	A.R.M. for over-distended uterus.
12212	38	P.	40	L.O.A.	...	F.	F.	6 3	5 9	Binovular	L. L.	First twin forceps delivery. Second twin internal version, breech extraction. Retained placenta—manual removal.
12938	25	M1	40	L.O.A.	...	M.	F.	6 8	6 10	Binovular	L. M.	Intra-uterine death.
13174	28	M1	34	L.O.A.	...	M.	M.	3 2	2 13	Uniovular	L. M.	Cardiac disease.
12920	20	M1	40	L.O.A.	...	F.	F.	5 8	6 2	Binovular	L. L.	
13180	33	M1	37	L.O.A.	...	F.	F.	4 3	4 15	Binovular	L. L.	
13376	25	M1	36	R.O.A.	...	M.	M.	4 14	6 2	Binovular	L. L.	
13334	35	M3	37	R.O.A.	...	F.	F.	6 12	6 9	Uniovular	L. L.	
4975	42	M2	37	R.S.A.	...	F.	M.	4 15	4 9	Uniovular	L. L.	Cesarean Section. Two previous C.S., 1st classical.
<b>EMERGENCY CASES</b>												
11529	28	P.	36	R.S.A.	...	F.	F.	3 3	3 3	Binovular	M. D.	First twin intra-uterine death.
11762	38	M1	37	L.O.A.	...	M.	M.	6 3	5 15	Binovular	L. L.	First twin forceps delivery.
11876	28	P.	37	L.O.A.	...	M.	F.	3 4	4 10	Binovular	L. L.	A.R.M. Pre-eclamptic toxæmia.
12120	38	M2	38	R.O.P.	...	F.	F.	5 12	6 1	Uniovular	L. L.	Second twin forceps delivery.
11095	24	P.	37	L.O.A.	...	F.	F.	5 8	4 8	Uniovular	L. L.	Forceps delivery. A.R.M. pre-eclamptic toxæmia.
12054	40	M2	40	R.S.A.	...	F.	F.	6 6	6 5	Uniovular	L. L.	First twin forceps delivery. Second twin breech extraction.
1559	36	M5	32	L.O.A.	...	M.	M.	3 1	3 11	Uniovular	L. L.	Low lateral placenta prævia.
12442	32	M1	36	R.S.A.	...	M.	M.	5 11	5 10	Binovular	L. D.	Second twin died of alectasis.
12738	30	P.	40	L.S.A.	...	F.	M.	6 0	5 10	Binovular	L. L.	Second twin internal version.
12741	31	M2	38	L.S.A.	...	F.	F.	7 6	6 6	Binovular	L. L.	Cesarean Section. Mother Rh. negative. Rh. Antibody + No living children.
12659	21	P.	37	L.O.A.	...	F.	F.	5 14	5 9	Binovular	L. L.	First twin forceps delivery.
13058	29	P.	36	R.O.T.	...	F.	F.	6 14	6 1	Binovular	L. L.	First twin forceps delivery. Second twin internal version.
13119	30	M1	33	L.O.A.	...	M.	M.	5 3	4 14	Binovular	L. D.	A.R.M. pre-eclamptic toxæmia.
13074	34	M1	40	L.O.A.	...	F.	F.	6 14	6 4	Binovular	L. L.	First twin died of pneumonia, 5 days old.
13088	36	M6	32	L.O.A.	...	M.	M.	3 7	3 8	Binovular	L. D.	Cesarean Section. Central placenta prævia.
<b>BOOKED CASE</b>												
12863	23	P.	31	L.O.A.	...	M.	M.	3 0	2 12	TRIPLETS	L. L.	Retained placenta. Manual removal.
				L.O.A.	...	F.	F.	3 6	3 6	TRIPLETS	L. L.	

No mother died.  
Of 89 babies, 8 died and 4 were stillborn. Fetal mortality 13.48%.

## VERTEX PRESENTATIONS

2,129 presentations of the Vertex occurred. The occiput was anterior in 1,974 cases, and posterior in 155 cases.

### Treatment and Results of Posterior Position

Method used	No. of Cases Mothers	Infants			
		L.	SB.	M.	D.
Spontaneous rotation and normal delivery ... ..	33	33	—	—	—
Spontaneous delivery face to pubis ... ..	16	16	—	—	—
Spontaneous rotation and forceps delivery ... ..	1	1	—	—	—
Manul rotation and forceps delivery ... ..	63	63	—	—	—
Forceps rotation and forceps delivery ... ..	18	17	—	—	1
Forceps delivery face to pubis ... ..	10	8	2	—	—
Version and breech extraction ... ..	4	3	1	—	—
Classical Cæsarean ... ..	—	—	—	—	—
L.U.S. Cæsarean ... ..	10	10	—	—	—
Perforation ... ..	—	—	—	—	—
	<b>155</b>	<b>151</b>	<b>3</b>	<b>—</b>	<b>1</b>

No mother died.

4 Babies died or were stillborn, a foetal mortality of 2.58%.

## BREECH PRESENTATIONS

Breech delivery is classified in two main groups:—

- (1) Uncomplicated.
- (2) Complicated.

### 1. UNCOMPLICATED BREECH DELIVERY

#### SUMMARY OF RESULTS 50 Cases

	No. of Cases	Infants SB. or D.	Mortality %
Primigravidæ ... ..	27	Nil	Nil
Multiparæ ... ..	23	Nil	Nil

There were also 18 uncomplicated breech deliveries in multiple pregnancies.

A total of 68 cases. No mother died, one twin died, a foetal mortality of 1.47%.

#### Breech Delivery in Uncomplicated Cases

A set technique is followed in the majority of cases. The patient is placed in the lithotomy position, and in primigravidæ episiotomy is performed under local anæsthesia when the buttocks are distending the perineum. The buttocks are born as a result of bearing down efforts plus traction with the finger in the groin, or traction on the feet if these are presenting. As soon as the buttocks are born chloroform is given. When the popliteal spaces appear the legs are flexed on the thighs. Steady traction is then maintained until the anterior scapula and shoulder escape from behind the symphysis—the arm is then hooked out with two fingers. The child is then elevated and the posterior arm delivered in a similar way over the perineum. The child's body is then allowed to hang for a few moments to encourage the head to enter the pelvis completely. The head is delivered through the pelvis and the vulva by exercising supra-pubic pressure and by exerting traction on the legs—the child's body being lifted upwards and outwards through an arc of 180°.

In a few cases where the second stage is unduly prolonged or the contractions are inefficient and the groin is not accessible, the patient is fully anæsthetised, the extended legs are brought down in the classical way, and breech extraction carried out.

For the delivery of the aftercoming head the forceps are frequently used; sometimes as a method of election, sometimes because the above method is proving unsuccessful.

Reg. No.	Age	Grav-ida	Matu- rity	Variety	Weight lb. oz.	Result M. C.	Remarks
BOOKED CASES							
11745	21	P.	40	Extended legs	6 12	L. L.	
11731	33	P.	40	Extended legs	6 10	L. L.	
12082	23	P.	40	Extended legs	5 10	L. L.	
12134	34	P.	40	Extended legs	6 12	L. L.	
12959	26	P.	40	Extended legs	8 0	L. L.	
12913	24	P.	39	Extended legs	7 11	L. L.	
12757	25	P.	40	Extended legs	6 10	L. L.	Forceps to aftercoming head.
12980	20	P.	40	Extended legs	7 0	L. L.	
13071	29	P.	41	Extended legs	8 7	L. L.	
13256	27	P.	41	Extended legs	6 4	L. L.	
13194	36	P.	40	Extended legs	6 5	L. L.	
11770	27	P.	40	Flexed legs	8 6	L. L.	
11662	20	P.	40	Flexed legs	7 3	L. L.	
12776	32	P.	37	Flexed legs	5 8	L. L.	
12506	32	P.	41	Extended legs	7 2	L. L.	Forceps to aftercoming head
12531	27	P.	41	Extended legs	7 9	L. L.	Forceps to aftercoming head
11673	28	P.	40	Extended legs	8 2	L. L.	
13132	22	P.	40	Extended	7 13	L. L.	Forceps to aftercoming head
12726	21	P.	40	One leg flexed, one extended	7 4	L. L.	Forceps to aftercoming head. Breech extraction
11939	33	M3	40	Extended legs	8 0	L. L.	
12003	38	M1	40	Extended legs	6 15	L. L.	
12013	37	M1	38	Extended legs	5 11	L. L.	
75792	31	M1	40	Extended legs	6 9	L. L.	
11708	33	M5	40	Extended legs	6 5	L. L.	
12585	35	M3	40	Extended legs	7 4	L. L.	
501	28	M8	40	Extended legs	7 10	L. L.	
12555	44	M2	41	Extended legs	6 14	L. L.	
6265	27	M1	40	Extended legs	8 4	L. L.	
4953	26	M3	40	Extended legs	6 7	L. L.	
12734	37	M2	41	Extended legs	7 6	L. L.	
13109	42	M7	41	Extended legs	7 9	L. L.	
11284	24	M1	41	Extended legs	7 4	L. L.	
5840	33	M2	40	Extended legs	6 5	L. L.	
4599	32	M3	38	Flexed legs	10 5	L. L.	
12468	24	M1	40	Flexed legs	6 14	L. L.	
9472	30	M1	40	Flexed legs	7 3	L. L.	
12851	34	M2	39	Flexed legs	5 10	L. L.	
EMERGENCY CASES							
11310	29	P.	40	Extended legs	5 10	L. L.	
11936	34	P.	40	Extended legs	6 12	L. L.	
12427	25	P.	40	Extended legs	6 4	L. L.	
12192	23	P.	40	Extended legs	6 14	L. L.	Forceps to aftercoming head.
12245	24	P.	40	Extended legs	6 3	L. L.	Forceps to aftercoming head. Extended arms.
12738	30	P.	40	Extended legs	6 0	L. L.	Forceps to aftercoming head. Breech extraction
13124	30	P.	40	Extended legs	9 1	L. L.	Forceps to aftercoming head. Breech extraction
11941	34	P.	40	Flexed legs	6 3	L. L.	Forceps to aftercoming head. Extended arms
11515	24	M1	40	Flexed legs	8 1	L. L.	
12009	29	M1	39	Extended legs	8 3	L. L.	
6037	32	M2	40	Extended legs	6 15	L. L.	
12028	29	M3	40	Extended legs	5 13	L. L.	
12743	40	M5	40	Extended legs	7 9	L. L.	



## COMPLICATED BREECH, 46 cases, 23 Booked, 23 Emergency

Complicated breeches are those in which another obstetric abnormality is present

Reg. No.	Age	Grav-ida	Maturity	Complication	Treatment	Result	Weight	Remarks
BOOKED CASES		P.				M. C.	lb. oz.	
11629	21	P.	32	Prematurity	Nil	L. SB.	4 10	Breech delivery. Maternal mitral stenosis.
12038	31	P.	35	Prematurity	Nil	L.	4 0	Second triplet.
12863	23	P.	31	Prematurity	Nil	L.	2 12	Toxaemia of pregnancy.
13041	24	P.	36	Prematurity	Nil	L.	3 10	
13339	21	P.	35	Prematurity	Nil	L.	5 7	
12216	21	M1	34	Prematurity	Nil	L.	4 13	
5176	28	M1	32	Prematurity	Nil	L.	3 8	
9669	38	M1	36	Prematurity	Nil	L.	4 13	Second twin.
12212	38	P.	40	Transverse lie	Internal version and breech extraction	L.	5 9	
12966	36	M2	40	Transverse lie	Internal version and breech extraction	L.	6 5	
11883	40	M2	40	Shoulder presentation. Prolapsed arm and cord	Internal version and breech extraction	D.	7 13	See Maternal Death No. 11883.
12721	34	M4	37	Vertex and double footling presentation	Breech extraction	L.	5 14	Second twin.
12935	35	M1	41	Persistent occipito-posterior	Internal version and breech extraction	L.	9 2	
12931	26	P.	35	Foetal abnormality	Internal version and breech extraction	L. D.	3 10	Absence of abdominal musculature.
6547	28	M1	40	Foetal abnormality. Hydrocephalus and spina bifida	C.S.F. drained by catheter thr. spina bifida	L. SB.	8 7	Intra-uterine death.
12889	25	M1	34	Pre-eclamptic toxæmia	Nil	L. M.	3 12	
13134	38	M2	33	Accidental hæmorrhage	Nil	L. SB.	4 14	
12260	28	P.	37	Prolapsed cord	Breech extraction	L. SB.	5 11	Bi-cornuate uterus.
12394	21	P.	40	Prolapsed cord	Breech extraction	L.	8 6	Bi-cornuate uterus.
13313	32	P.	40	Prolapsed cord	Breech extraction	L.	7 2	
12876	29	M1	40	Prolapsed cord	Internal version and breech extraction	L.	7 6	
12163	37	M2	40	Prolapsed cord	Breech extraction	L.	7 2	
9256	39	M7	30	Prolapsed cord	Internal version and breech extraction	L. D.	3 1	First twin.
EMERGENCY CASES								
11640	29	M2	30	Placenta prævia—transverse lie	Bipolar version, leg brought down	L. SB.	2 12	Low lateral placenta prævia.
1559	36	M5	33	Placenta prævia	Breech extraction	L.	3 11	Second twin.
11630	40	M4	35	Placenta prævia	Bi-polar version, leg brought down	L.	5 4	
12801	36	M5	36	Placenta prævia and prolapsed cord	Internal version and breech extraction	L.	6 2	High lateral placenta prævia.
5801	27	M1	35	Prematurity	Nil	L.	3 9	
11979	36	M2	32	Prematurity	Nil	L. D.	2 12	
8001	23	M1	30	Prematurity	Nil	L. SB.	2 8	
12632	27	P.	32	Prematurity	Nil	L.	3 2	
11589	26	P.	36	Prematurity	Nil	L. D.	4 12	
12023	23	P.	36	Prematurity	Nil	L.	4 12	
11618	39	M12	40	Prolapsed cord	Internal version and breech extraction	L.	8 3	
13243	29	M2	40	Prolapsed cord	Internal version and breech extraction	L.	6 11	
13332	38	M2	40	Shoulder presentation, prolapsed arm	Internal version, leg brought down	L.	8 2	
12738	30	P.	40	Transverse lie	Internal version and breech extraction	L.	5 10	Subsequent breech delivery.
12612	20	P.	40	Persistent occipito-posterior	Internal version and breech extraction	L.	8 13	2nd twin.
12402	36	M2	41	Persistent occipito-posterior	Internal version and breech extraction	L.	8 7	
12027	36	M2	40	Persistent occipito-posterior position	Internal version and breech extraction	L. SB.	7 5	
13012	28	P.	34	Eclampsia	Nil	L.	4 3	Intra-uterine death.
11490	25	P.	34	Accidental hæmorrhage. Shoulder presentation	Internal version, leg brought down	L. SB.	3 15	No foetal heart on admission.
12636	37	P.	32	Accidental hæmorrhage	Internal version and breech extraction	L.	4 5	
13060	28	P.	36	Pre-eclamptic toxæmia	Nil	L. M.	4 0	Intra-uterine death.
13058	29	P.	36	Pre-eclamptic toxæmia	Internal version and breech extraction	L.	6 1	2nd twin.
12282	38	M3	39	Cord presentation	A.R.M. Internal version and breech extraction	L. L.	7 7	Admitted three-quarter dilated.

One mother died. Maternal mortality of 2.17%.  
16 Babies died or were stillborn, a foetal mortal mortality of 34.78%.

**FACE PRESENTATION**

11 cases : 8 Booked, 3 Emergency

Reg. No.	Age	Grav-ida	Matu-ity	Position	Treatment	Result M. C.	Weight lb. oz.	Remarks
<b>BOOKED CASES</b>								
12081	22	P.	34	L.M.A.	Hydramnios, A.R.M. ...	L. SB.	3 1	Anencephalic foetus
2809	37	M2	31	L.M.A.	Hydramnios, A.R.M. ...	L. SB.	2 0	Anencephalic foetus
12063	28	P.	33	R.M.A.	Hydramnios, A.R.M. ...	L. SB.	2 11	Anencephalic foetus
13191	28	P.	38	L.M.A.	Hydramnios, A.R.M. ...	L. SB.	4 8	Anencephalic foetus
11688	35	M2	40	L.M.A.	... ..	L. L.	6 3	
3742	34	M6	40	L.M.A.	... ..	L. SB.	7 14	No foetal heart heard on admission in labour
12542	21	P.	41	R.M.A.	... ..	L. D.	7 9	
9900	20	M1	40	R.M.A.	... ..	L. L.	8 2	
<b>EMERGENCY CASES</b>								
7009	31	M4	35	L.M.A.	Hydramnios, A.R.M. ...	L. SB.	2 8	Anencephalic foetus
11814	23	M2	38	R.M.A.	Hydramnios, A.R.M. ...	L. SB.	4 8	Anencephalic foetus
11772	22	P.	32	L.M.A.	Hydramnios, A.R.M. ...	L. SB.	2 8	Anencephalic foetus

No mother died

8 Babies were stillborn and 1 died, a foetal mortality of 82%.

**BROW PRESENTATION**

Reg. No.	Age	Grav-ida	Matu-ity	Position	Treatment	Result M. C.	Weight lb. oz.	Remarks
<b>BOOKED CASES</b>								
11485	32	M1	40	Brow ...	L.U.S. Caesarean ...	L. L.	6 14	In labour.
12352	31	P.	41	Brow ...	L.U.S. Caesarean ...	L. L.	8 0	Secondary to posterior position. 28 hours in labour
13267	38	P.	40	Brow ...	L.U.S. Caesarean ...	L. L.	8 2	Married 12 years

**SHOULDER PRESENTATION**

10 cases : 3 Booked and 7 Emergency

Reg. No.	Age	Grav-ida	Matu-ity	Complication	Treatment	Result M. C.	Weight lb. oz.	Remarks
11883	40	M2	40	Prolapsed cord	Internal version and breech extraction	D. L.	7 13	See Maternal death No. 11883
12966	36	M2	40	Nil ...	Internal version and breech extraction	L. L.	6 5	
12212	38	P.	40	Nil ...	Internal version and breech extraction	L. L.	5 9	Second twin
<b>EMERGENCY CASES</b>								
11490	25	P.	34	Accidental haemorrhage	Internal version and leg brought down	L. SB.	3 15	Foetal heart not heard on admsn.
12337	25	P.	40	Prolapsed arm	L.U.S. Caesarean ...	L. L.	9 3	Admitted in labour, cervix in 3 fingers dilated.
13332	38	M2	40	Prolapsed arm	Internal version and leg brought down	L. L.	8 2	Subsequent breech delivery
11640	29	M2	30	Placenta praevia	Bipolar version and leg brought down	L. S.B	2 12	
11630	40	M4	35	Placenta praevia	Bipolar version and leg brought down	L. L.	5 4	
12738	30	P.	40	Nil ...	Internal version and breech extraction	L. L.	5 10	Second twin
13058	29	P.	36	Nil ...	Internal version and breech extraction.	L. L.	6 1	Second twin

One mother died, a maternal mortality of 10%.

2 Babies were stillborn, a foetal mortality of 20%.

## PROLAPSE OF CORD

### 13 Cases, 7 Booked and 6 Emergency

Reg. No.	Age	Gravida	Maturity	Size of os when diagnosed	Complications	Treatment	Result	Remarks	
							M. C.		
11883	40	M2	40	Three-quarter dilated	Shoulder presentation	Internal version and breech extraction	...	See Maternal Death No. 11883.	
12163	37	M2	40	Almost fully dilated	Footling presentation	Breech extraction	...		
12260	28	P.	37	Three-quarter dilated	Breech presentation	Breech extraction	...		
12394	21	P.	40	Almost fully dilated	Breech presentation	Breech extraction	...	Bi-cornuate uterus	
12876	29	M1	40	Full dilatation	Nil	Internal version and breech extraction	...	Head at brim.	
9256	39	M7	30	Three-quarter dilated	Nil	Internal version and breech extraction	...		
13313	32	P.	40	Full dilatation	Breech presentation	Breech extraction	...	Bi-cornuate uterus.	
EMERGENCY CASES									
11618	39	M12	40	Three-quarter dilated	Nil	Internal version and breech extraction	...		
12261	31	P.	39	Full dilatation	Nil	Forceps	...		
12282	38	M3	39	Three-quarter dilated	Nil	Internal version and breech extraction	...		
12635	31	P.	40	Two fingers	Breech presenting	L.U.S. Cesarean Section. Local anaesthesia	...		
12801	36	M5	36	Three-quarter dilated	Nil	Internal version and breech extraction	...		
13243	29	M2	40	Almost fully dilated	Nil	Internal version and breech extraction	...	Head at brim.	

One mother died, a maternal mortality of 7.7%.  
2 babies were stillborn and one died, a fetal mortality of 23%.

## POST-PARTUM HÆMORRHAGE

### (including Intra-Partum Third Stage Bleeding)

All cases are included in which the bleeding, however slight, was reater than usual.

71 cases during the year.

Treatment was by massage, ergot, and pituitrin.

In 29 cases plasma and/or blood transfusion was given, 7 of these being admitted after the birth of the child.

In 8 cases the placenta was removed manually for third stage bleeding ; in 3 cases Créde's method was used.

**RETAINED PLACENTA**

There were 33 cases of Retained Placenta—treated as shown below

Reg. No.	Age	Gravida	Maturity	Type of Labour	Length of 3rd stage hr. min.	Treatment	Result	Remarks
11425	34	P.	34	Normal	3 45	Manual removal	... L. D.	Double uterus pregnancy in right horn.
11719	26	M2	39	Normal	4 30	Manual removal	... L. L.	Plasma and blood transfusion.
11962	34	P.	40	Normal	2 45	Manual removal	... L. SB.	Plasma transfusion. Baby spina bifida.
4119	27	M3	39	Normal	5 0	Manual removal	... L. M.	Blood and plasma transfusion. Intra-uterine death.
11912	28	P.	40	Normal	3 30	Manual removal	... L. L.	Blood and plasma transfusion.
4599	32	M3	38	Breech	2 45	Manual removal	... L. L.	Blood and plasma transfusion. Loss 3 pints, intra-partum.
12160	24	P.	40	Forceps	2 30	Manual removal	... L. L.	Blood and plasma transfusion. Placenta trapped by contraction ring.
12265	21	P.	40	Normal	2 35	Manual removal	... L. L.	Fibroids.
12325	32	P.	40	Forceps	2 5	Manual removal	... L. L.	Blood and plasma transfusion. Loss 3 pints, intra-partum.
12379	31	P.	36	Normal	2 35	Manual removal	... L. L.	Blood and plasma transfusion.
12609	27	P.	40	Normal	4 15	Weight traction.	... L. L.	Blood and plasma transfusion.
9024	35	M1	40	Normal	1 50	Weight traction.	... L. L.	Partial separation. Shocked. 2 pints plasma given.
13176	22	P.	39	Normal	1 35	Weight traction.	... L. L.	Partial separation. Shocked. Plasma transfusion.
13375	32	P.	40	Normal	1 30	Crédé's expression	... L. L.	Blood and plasma transfusion. Morbid puerperium.
12212	38	P.	40	Twins. 1st forceps, 2nd breech extraction	3 5	Manual removal	... L. L.	Blood and plasma transfusion. Morbid puerperium.
12863	23	P.	34	Triplets. 1st N.D. 2nd breech. 3rd N.D.	2 45	Manual removal	... L. L.	Blood and plasma transfusion. Loss 3 pints, intra-partum.
13181	30	M2	39	Normal	2 45	Manual removal	... L. L.	Blood and plasma transfusion. Loss 40 oz. intra-partum.
12950	33	P.	40	Normal	5 10	Manual removal	... L. L.	Condition good. One pint of plasma given prophylactically for removal.
11883	40	M2	40	Internal version and breech extraction	—	...	... D. L.	See maternal death No. 11883.
<b>EMERGENCY CASES</b>								
11478	35	P.	40	Forceps	2 0	Manual removal	... L. L.	Plasma and blood transfusion.
11772	22	P.	32	Normal	4 35	Manual removal	... L. SB.	Plasma transfusion. Anencephalic foetus.
11829	36	M3	40	Normal	6 45	Manual removal	... L. L.	Admitted in 3rd stage. Collapsed, loss 5 pints. Blood and plasma transfusion before and after admission.
11831	31	M3	40	Normal	5 20	Weight traction.	... L. L.	Admitted in 3rd stage.
7678	41	M10	40	Normal	4 30	Weight traction.	... L. L.	Plasma transfusion. Admitted in 3rd stage.
12447	32	M3	40	Normal	7 0	Weight traction.	... L. L.	Blood and plasma transfusion. Loss 2 pints intra-partum.
13079	27	P.	40	Forceps	2 15	Weight traction.	... L. L.	Placenta trapped by contraction ring.
12027	36	M2	40	Internal version. Breech extraction	0 45	Manual removal	... L. SB.	Placenta trapped by contraction ring.
12227	22	P.	40	Normal	5 40	Manual removal	... L. L.	Blood and plasma transfusion. Loss 2½ pints, intra-partum.
12402	36	M2	40	Breech	0 15	Manual removal	... L. L.	Intra-partum loss. 3½ pints.
12417	26	P.	40	Normal	4 20	Manual removal	... L. L.	Blood and plasma transfusion before and after admission in 3rd stage.
12488	21	P.	38	Normal	6 15	Manual removal	... L. L.	Admitted in 3rd stage. Blood and plasma transfusion before and after admission.
12994	29	M1	40	Breech	10 0	Manual removal	... L. L.	Admitted in 3rd stage collapsed. Blood and plasma transfusion before and after admission.
13106	30	P.	40	Normal	6 0	Manual removal	... L. L.	Admitted in 3rd stage collapsed. Blood and plasma transfusion before and after admission.

One mother died, a maternal mortality of 3%.  
One baby died and four were stillborn, a foetal mortality of 14%.

## CONTRACTED PELVIS

219 cases : 161 Booked, 58 Emergency

	No. of Cases	Mothers Died	Infants Died or were Stillborn
<b>BOOKED CASES</b>			
Spontaneous delivery after trial of labour	33	—	—
Induction of labour and spontaneous delivery	1	—	—
Induction of labour and forceps delivery	—	—	—
Trial of labour completed with forceps	22	—	2
Cæsarean Section after trial of labour	34	1	3
Cæsarean Section set operation	71	—	—
Craniotomy	—	—	—
	<u>161</u>	<u>1</u>	<u>5</u>
<b>EMERGENCY CASES</b>			
Spontaneous delivery after trial of labour	4	—	1
Induction of labour, spontaneous delivery	1	—	—
Induction of labour and forceps delivery	—	—	—
Trial of labour completed with forceps	4	—	—
Cæsarean Section after trial of labour	20	—	—
Cæsarean Section, set operation	29	—	—
Craniotomy	—	—	—
	<u>58</u>	<u>0</u>	<u>1</u>
	<u>219</u>	<u>1</u>	<u>6</u>

One mother died, Maternal Mortality of 0.45%.  
Six babies died or were stillborn, foetal mortality of 2.7%.

## INDUCTION OF LABOUR

Induction of labour was undertaken in 168 cases : 111 Booked and 57 Emergency.

No. of Cases	Induction	Method	Infants					Remarks
			No.	L.	SB.	M.	D.	
45	Toxæmia	A.R.M.	44	44	1	—	—	One pair of twins.
		Tubal induction	1	1	—	—	—	
2	Disproportion	A.R.M.	1	1	—	—	—	
		Tubal induction	1	1	—	—	—	
8	Obstetrical history	A.R.M.	8	8	—	—	—	
78	Maturity and post-maturity	A.R.M.	78	77	—	—	1	
8	Hydramnios	A.R.M.	8	1	7	—	—	
7	Cardiac disease	A.R.M.	7	7	—	—	—	
12	Intra-uterine death	Stilbæstrol	12	—	—	12	—	
1	Diabetes	A.R.M.	1	1	—	—	—	
1	Multiple pregnancy	A.R.M.	1	2	—	—	—	
5	Essential hypertension	A.R.M.	5	5	—	—	—	
1	Foetal abnormality	A.R.M.	1	1	—	—	—	
<u>168</u>			<u>168</u>	<u>149</u>	<u>8</u>	<u>12</u>	<u>1</u>	

There were 2 pairs of twins.

One mother died, a maternal mortality of 0.59%.

Of 170 babies 21 died or were stillborn, a foetal mortality of 12.3%.

Of these 7 were anencephalic and 12 were dead before induction. The corrected foetal mortality rate is 1.32%.

INDUCTION OF LABOUR AT TERM. NORMAL DELIVERY

Reg. No.	Age	Grav. idia	Matur-ity	Indication	Type of Pelvis	Duration of Labour			Baby		I.D.I.	Result	Method	Remarks
						1st st. h. m.	2nd st. h. m.	Length ins.	Weight lb. oz.					
<b>BOOKED CASES</b>														
11702	42	M2	41	Mature	Normal	7 0	0 45	20	7 6	15½ hrs.	L.	A.R.M.		
11648	38	M3	41	Mature	Normal	5 30	0 10	20	5 6	65 hrs.	L.	A.R.M.	Mitral stenosis.	
11722	33	M1	40	Mature	Normal	14 0	1 0	21	8 15	64 hrs.	L.	A.R.M.		
11851	22	M2	41	Mature	Normal	4 30	0 25	20	7 12	9 hrs.	L.	A.R.M.		
8922	21	M1	42	Mature	Normal	11 45	0 40	21	8 4	13 hrs.	L.	A.R.M.		
2559	36	M2	41	Mature	Normal	6 0	0 30	22	9 2	16½ hrs.	L.	A.R.M.		
2085	37	M1	40	Mature	Normal	9 15	0 15	21	8 10	11 hrs.	L.	A.R.M.		
12053	32	M3	41	Mature	Normal	3 45	0 40	20	6 14	5½ hrs.	L.	A.R.M.		
12069	29	P.	41	Mature	Normal	14 0	0 35	22	7 7	16 hrs.	L.	A.R.M.		
12186	20	P.	41	Mature	Normal	12 0	0 40	20	6 10	13½ hrs.	L.	A.R.M.		
12196	35	M1	40	Mature	Normal	12 20	0 25	21	7 6	17 hrs.	L.	A.R.M.		
12139	30	M2	41	Mature	Normal	8 45	0 15	21	6 15	31 hrs.	L.	A.R.M.		
12034	23	P.	40	Mature	Normal	7 50	2 0	20	6 14	15 hrs.	L.	A.R.M.		
7893	29	M1	40	Mature	Normal	8 0	0 35	21	6 12	15 hrs.	L.	A.R.M.		
246	35	M1	42	Mature	Normal	13 45	0 45	22	8 8	19 hrs.	L.	A.R.M.		
12205	28	P.	40	Mature	Normal	11 50	0 40	20	6 3	13 hrs.	L.	A.R.M.		
12404	36	M8	40	Mature	Normal	14 10	0 35	20	6 13	32½ hrs.	L.	A.R.M.		
12034	23	P.	40	Mature	Normal	7 50	2 0	20	6 14	10½ hrs.	L.	A.R.M.		
12395	39	M4	40	Mature	Normal	10 hrs. 45 min.		22	9 1	17 hrs.	L.	A.R.M.		
10488	32	P.	41	Mature	Normal	35 0	1 55	20	7 9	67 hrs.	L.	A.R.M.		
12405	35	P.	42	Mature	Normal	9 45	1 0	22	9 2	30½ hrs.	L.	A.R.M.		
12421	37	M2	42	Mature	Normal	10 15	0 15	21	8 11	12½ hrs.	L.	A.R.M.		
12527	24	P.	42	Mature	Normal	4 0	1 5	20	8 0	7½ hrs.	L.	A.R.M.		
8129	24	M1	39	Mature	Small round	8 45	0 40	20	6 13	11½ hrs.	L.	A.R.M.		
12068	31	M1	40	Mature	Normal	4 30	0 50	22	10 8	8½ hrs.	L.	A.R.M.		
12895	24	M1	42	Mature	Normal	4 0	0 15	22	10 1	5½ hrs.	L.	A.R.M.		
12881	26	P.	41	Mature	Normal	26 0	2 35	20	7 5	30 hrs.	L.	A.R.M.		
12883	35	M2	41	Mature	Normal	5 5	0 45	21	8 12	9½ hrs.	L.	A.R.M.		
3715	23	M2	41	Mature	Normal	4 30	0 40	20	7 9	7½ hrs.	L.	A.R.M.		
12523	31	P.	40	Mature	Normal	20 45	1 0	20	6 11	28½ hrs.	L.	A.R.M.		
12293	19	P.	41	Mature	Normal	4 30	1 15	20	8 0	6½ hrs.	L.	A.R.M.		
12900	32	M4	41	Mature	Normal	9 0	0 15	21	7 4	45½ hrs.	L.	A.R.M.		
12927	31	P.	41	Mature	Normal	25 0	2 15	20	7 3	31½ hrs.	L.	A.R.M.		
13065	23	M1	42	Mature	Normal	7 15	0 25	22	8 0	13½ hrs.	L.	A.R.M.		
10251	30	M1	42	Mature	Normal	15 40	0 15	21	7 11	3 days	L.	A.R.M.		
13302	34	M1	42	Mature	Normal	10 40	0 15	21	7 15	14 hrs.	L.	A.R.M.		
13177	38	M1	41	Matur	Normal	8 40	0 20	21	7 2	11½ hrs.	L.	A.R.M.		

Small stature. Height 4 ft. 7 in.

Gross oedema of legs. No other toxic signs.

INDUCTION OF LABOUR AT TERM. NORMAL DELIVERY (continued)

Reg. No.	Age	Grav. idia	Matur-ity	Indication	Type of Pelvis	Duration of Labour		Baby		I.D.I.	Result	Method	Remarks
						1st st. h. m.	2nd st. h. m.	Length ins.	Weight lb. oz.				
13344	35	P.	41	Mature	Normal	4 15	0 40	21	6 11	6 hrs.	L.	A.R.M.	
12740	21	P.	41	Mature	Normal	2 0	0 30	22	8 7	4 hrs.	L.	A.R.M.	
12617	40	M2	41	Mature	Normal	11 25	0 10	21	8 3	13 1/2 hrs.	L.	A.R.M.	
12540	34	M6	42	Mature	Normal	45 0	0 35	22	8 12	20 days	L.	A.R.M.	
12749	39	M7	40	Mature	Normal	10 5	0 15	20	7 8	11 hrs.	L.	A.R.M.	
13344	35	P.	41	Mature	Normal	4 15	0 40	20	6 11	6 hrs.	L.	A.R.M.	
12486	33	M2	40	Mature	Normal	9 45	0 30	21	7 8	56 hrs.	L. D.	A.R.M.	Rh. negative. Baby erythroblastosis foetalis. Transfused.
12892	20	P.	41	Mature	Normal	4 45	0 35	20	7 6	6 hrs.	L.	A.R.M.	
12933	34	M4	41	Mature	Normal	3 30	0 15	20	6 0	84 hrs.	L.	A.R.M.	
13032	33	M1	40	Mature	Normal	10 35	0 30	21	8 4	20 hrs.	L.	A.R.M.	
13076	28	M2	41	Mature	Normal	14 0	0 15	23	9 8	8 1/2 hrs.	L.	A.R.M.	
790	34	M4	43	Mature	Normal	10 15	0 5	21	7 6	11 hrs.	L.	A.R.M.	
13184	31	M2	42	Mature	Normal	3 55	0 10	22	8 5	8 hrs.	L.	A.R.M.	
12976	35	P.	40	Mature	Normal	3 30	0 25	20	6 3	5 1/2 hrs.	L.	A.R.M.	
12607	27	P.	40	Toxaemia	Normal	6 25	0 30	21	7 4	10 hrs.	L.	A.R.M.	
12902	29	M1	41	Toxaemia	Normal	7 0	0 35	21	7 8	27 hrs.	L.	A.R.M.	
12758	42	M8	40	Toxaemia	Normal	1 55	0 10	20	6 1	34 hrs.	L.	A.R.M.	
10448	35	M6	40	Toxaemia	Normal	51 50	0 15	20	7 1	68 hrs.	L.	A.R.M.	
12934	33	M1	40	Toxaemia	Normal	6 45	0 20	21	7 5	10 1/2 hrs.	L.	A.R.M.	
12052	26	M2	39	Toxaemia	Normal	9 45	0 25	19	6 8	14 1/2 hrs.	L.	A.R.M.	
11774	28	P.	40	Toxaemia	Normal	12 45	1 25	19	7 4	15 1/2 hrs.	L.	A.R.M.	
10571	25	P.	39	Toxaemia	Normal	5 30	0 45	20	7 9	8 hrs.	L.	A.R.M.	
12753	29	M2	39	Toxaemia	Normal	4 30	0 30	20	7 6	21 hrs.	L.	A.R.M.	
12758	42	M8	39	Toxaemia	Normal	1 55	0 10	20	6 1	3 hrs.	L.	A.R.M.	
13183	23	P.	39	Toxaemia	Normal	5 0	0 55	20	6 8	11 hrs.	L.	A.R.M.	
13082	23	P.	40	Toxaemia	Normal	36 45	0 50	22	9 6	41 hrs.	L.	A.R.M.	
11808	38	M2	40	Cardiac	Normal	16 0	0 5	20	7 0	18 hrs.	L.	A.R.M.	
13121	23	M1	40	Cardiac	Normal	6 0	0 5	22	7 8	7 1/2 hrs.	L.	A.R.M.	Mitral stenosis.
13193	19	P.	39	Cardiac	Normal	8 0	0 50	21	6 6	9 1/2 hrs.	L.	A.R.M.	Mitral stenosis.
13181	30	M2	39	Cardiac	Normal	35 40	0 20	21	7 8	40 1/2 hrs.	L.	A.R.M.	Mitral stenosis.
12839	28	P.	40	Cardiac	Normal	6 45	1 5	21	7 13	12 1/2 hrs.	L.	A.R.M.	Complete heart block.
12532	41	M1	41	Essential hypertension	Normal	10 0	0 25	22	8 4	31 hrs.	L.	A.R.M.	
12518	45	M1	40	Essential Hypertension	Normal	25 40	0 15	20	6 9	45 hrs.	L.	A.R.M.	
12930	33	M5	41	Multiple pregnancy	Normal	25 40	0 15	18	4 5	35 hrs.	L.	A.R.M.	Twins.
11883	40	M2	40	Hydrannios and hyper-tension	Normal	10 hrs.	0 5	20	5 8	48 hrs.	L.	A.R.M.	See Maternal Death No. 11883.
EMERGENCY CASES													
12901	30	M1	41	Mature	Normal	7 40	0 10	21	7 8	11 1/2 hrs.	L.	A.R.M.	
13043	35	M2	42	Mature	Normal	14 30	1 0	22	9 10	36 hrs.	L.	A.R.M.	
13197	32	M1	41	Mature	Normal	6 25	0 30	21	8 6	14 hrs.	L.	A.R.M.	
13349	42	M2	40	Mature	Normal	1 30	0 25	21	9 3	44 hrs.	L.	A.R.M.	

## INDUCTION OF LABOUR AT TERM. NORMAL DELIVERY (continued)

Reg. No.	Age	Grav. idia	Matur-ity	Indication	Type of Pelvis	Duration of Labour			Baby		I.D.I.	Result	Method	Remarks
						1st st. h. m.	2nd st. h. m.	3rd st. h. m.	Length ins.	Weight lb. oz.				
13360	22	P.	40	Mature	Normal	14 10	0 10	21	8 13	16½ hrs.	L.	A.R.M.	...	
12768	24	M2	41	Mature	Normal	20 0	0 5	20	7 0	72 hrs.	L.	A.R.M.	...	
12403	44	M9	40	Mature	Normal	20 0	0 5	19	6 8	4 hrs.	L.	A.R.M.	...	
13044	31	M1	40	Mature	Normal	3 15	0 50	21	8 0	18½ hrs.	L.	A.R.M.	...	
12857	31	M2	40	Mature	Normal	2 35	0 10	20	7 0	5 hrs.	L.	A.R.M.	...	
13045	23	P.	41	Mature	Normal	5 50	0 25	20	7 0	10 hrs.	L.	A.R.M.	...	
12857	31	M2	40	Mature	Normal	2 35	0 10	20	7 0	5½ hrs.	L.	A.R.M.	...	
12731	36	M2	39	Mature	Normal	5 40	0 15	21	8 7	12 hrs.	L.	A.R.M.	...	
12630	24	P.	40	Mature	Normal	3 0	0 20	20	7 1	4 hrs.	L.	A.R.M.	...	
12391	24	P.	40	Mature	Normal	14 0	0 30	20	7 1	15½ hrs.	L.	A.R.M.	...	
12198	37	M1	39	Mature	Normal	15 45	1 35	20	6 12	12½ hrs.	L.	A.R.M.	...	
12628	23	P.	41	Mature	Normal	24 20	1 25	20	7 15	28 hrs.	L.	A.R.M.	...	
11942	31	M1	40	Mature	Normal	2 0	0 50	21	8 6	4 hrs.	L.	A.R.M.	...	
5792	30	M1	40	Mature	Normal	3 15	0 15	20	7 9	7 hrs.	L.	A.R.M.	...	
12292	36	M1	40	Mature	Normal	14 30	0 30	20	7 0	19 hrs.	L.	A.R.M.	...	
12316	29	P.	40	Mature	Normal	9 45	0 45	20	5 0	14½ hrs.	L.	A.R.M.	...	
12936	25	M1	39	Mature	Normal	3 hr. 20 min.		20	6 14	7 hrs.	L.	A.R.M.	...	
11643	29	M1	41	Mature	Normal	19 10	0 50	20	5 10	80 hrs.	L.	A.R.M.	...	
12754	25	P.	41	Mature	Normal	10 0	1 20	21	7 15	82 hrs.	L.	A.R.M.	...	
12752	31	P.	41	Mature	Normal	65 30	2 20	20	6 7	72 hrs.	L.	A.R.M.	...	
13259	25	P.	40	Mature	Normal	6 50	0 30	21	7 11	11½ hrs.	L.	A.R.M.	...	
12669	30	M2	41	Toxaemia	Normal	11 30	0 40	22	8 7	13 hrs.	L.	A.R.M.	...	
11650	19	P.	39	Toxaemia	Normal	9 0	1 0	19	6 6	11 hrs.	L.	A.R.M.	...	
11566	30	M1	40	Toxaemia	Normal	8 15	0 30	20	6 13	57 hrs.	L.	A.R.M.	...	
11697	29	P.	39	Toxaemia	Normal	17 45	0 55	19	4 15	21 hrs.	L.	A.R.M.	...	
12073	22	P.	40	Toxaemia	Normal	1 15	1 0	20	7 6	2½ hrs.	L.	A.R.M.	...	
12091	32	P.	40	Toxaemia	Normal	4 30	2 5	20	7 8	7 hrs.	L.	A.R.M.	...	
12192	23	P.	39	Toxaemia	Normal	12 50	0 30	21	6 14	17 hrs.	L.	A.R.M.	...	



INDUCTION OF PREMATURE LABOUR. NORMAL DELIVERY

Reg. No.	Age Grav. Maturity	Indication	Type of Pelvis	Duration of Labour		Baby		I.D.I.	Result M. C.	Method	Remarks
				1st st. h. m.	2nd st. h. m.	Length ins.	Weight lb. oz.				
<b>BOOKED CASES</b>											
11547	30 M1	Toxemia	Normal	2 5	0 10	20	6 7	35 hrs.	L.	A.R.M.	
11562	31 P.	Toxemia	Normal	15 15	0 25	19	6 5	17½ hrs.	L.	A.R.M.	
11705	21 P.	Toxemia	Normal	8 15	0 10	19	5 9	11½ hrs.	L.	A.R.M.	
6347	37 M2	Toxemia	Normal	5 30	0 25	20	7 3	7 hrs.	L.	A.R.M.	
11724	21 P.	Toxemia	Normal	33 0	0 55	18	5 8	43½ hrs.	L.	A.R.M.	
11958	25 P.	Toxemia	Normal	23 45	2 30	19	5 15	27½ hrs.	L.	A.R.M.	
12048	34 M1	Toxemia	Normal	8 0	0 45	20	7 1	10½ hrs.	L.	A.R.M.	
11687	43 M8	Toxemia	Normal	11 55	0 25	19	5 14	4 days	L.	A.R.M.	
12076	20 P.	Toxemia	Normal	9 30	1 25	18	4 15	12½ hrs.	L.	A.R.M.	
12320	32 P.	Toxemia	Normal	6 15	0 35	19	6 3	8½ hrs.	L.	A.R.M.	
12620	32 P.	Toxemia	Normal	8 40	1 55	22	9 4	12 hrs.	L.	A.R.M.	
12899	39 M1	Toxemia	Normal	5 0	0 30	18	5 8	13 hrs.	L.	A.R.M.	
12899	25 M1	Toxemia	Normal	2 35	0 10	18	6 6	4 hrs.	L.	A.R.M.	
9466	24 M2	Toxemia	Normal	2 10	0 5	14	3 12	4½ hrs.	L. SB.	A.R.M.	
13055	23 P.	Toxemia	Normal	4 45	0 10	19	6 0	5½ hrs.	L.	A.R.M.	
13191	28 P.	Toxemia	Normal	4 5	0 25	17	4 8	15 hrs.	L.	A.R.M.	
12886	37 M4	Hydrannios	Normal	20 30	1 35	18	4 8	24 hrs.	L. SB.	A.R.M.	Anencephalic foetus.
12081	22 P.	Hydrannios	Normal	6 20	0 10	16	3 5	16 hrs.	L. SB.	A.R.M.	Anencephalic foetus.
12063	28 P.	Hydrannios	Normal	9 30	0 25	16	3 1	25 hrs.	L. SB.	A.R.M.	Anencephalic foetus.
2809	37 M2	Hydrannios	Generally contracted	24 15	0 55	14	2 11	25 hrs.	L. SB.	A.R.M.	Anencephalic foetus.
11694	29 M1	Diabetes	Generally contracted	39 hrs.	45 min.	—	2 0	45 hrs.	L. SB.	A.R.M.	
12410	38 P.	Cardiac	Normal	5 0	0 25	20	7 1	33 hrs.	L.	A.R.M.	
12392	44 P.	Intra-uterine death	Normal	10 0	2 20	19	6 13	19½ hrs.	L.	A.R.M.	
12769	26 P.	Intra-uterine death	Normal	33 20	1 55	—	5 15	72 hrs.	L. M.	Stillboastrol	
8109	26 M1	Intra-uterine death	Normal	12 50	0 25	19	5 10	6 days	L. M.	Stillboastrol	
11641	23 P.	Intra-uterine death	Normal	14 hrs.	35 min.	—	1 4	5 days	L. M.	Stillboastrol	
11713	25 P.	Intra-uterine death	Normal	6 30	0 20	—	3 10	24 hrs.	L. M.	Stillboastrol	
4119	27 M3	Intra-uterine death	Normal	1 30	0 40	—	6 1	39 hrs.	L. M.	Stillboastrol	
12220	22 P.	Intra-uterine death	Normal	6 30	0 20	22	8 3	3 days	L. M.	Stillboastrol	
6632	31 M2	Obstetric history	Generally contracted	4 0	0 25	17	3 9	3 days	L. M.	Stillboastrol	
				8 0	0 10	20	7 8	8½ hrs.	L. L.	Tubal induction	Large babies. One F.D., SB.
6716	32 M3	Obstetric history	Normal	12 0	0 30	19	6 6	14½ hrs.	L. L.	A.R.M.	Two premature SB's. One living, induced at 36th week.
12923	29 M2	Obstetric history	Normal	13 15	0 10	19	6 10	19 hrs.	L.	A.R.M.	
2421	43 M5	Essential hypertension	Normal	10 40	0 15	19	5 14	12 hrs.	L.	A.R.M.	
12755	37 M1	Essential hypertension	Normal	59 15	0 35	20	7 1	63 hrs.	L.	A.R.M.	
13066	38 M4	Essential hypertension	Normal	9 0	0 10	20	7 7	15½ hrs.	L.	A.R.M.	
10088	24 M1	Foetal abnormality	Normal	13 0	1 0	—	6 12	19 hrs.	L.	A.R.M.	Spina bifida.

## INDUCTION OF PREMATURE LABOUR. NORMAL DELIVERY (continued)

Reg. No.	Age	Grav. idia	Matur-ity	Indication	Type of Pelvis	Duration of Labour		Baby		I.D.I.	Result	Method	Remarks
						1st st. h. m.	2nd st. h. m.	Length ins.	Weight lb. oz.				
<b>EMERGENCY CASES</b>													
6584	38	M7	38	Toxaemia	...	3 10	0 20	18	6 12	10½ hrs.	L.	A.R.M. ...	
9453	27	M1	38	Toxaemia	...	8 0	1 10	20	8 2	12½ hrs.	L.	A.R.M. ...	
13054	27	P.	36	Toxaemia	...	25 0	1 15	18	4 15	33½ hrs.	L.	Tubal induction	
4930	30	M1	36	Toxaemia	...	4 30	0 30	17	3 10	94 hrs.	L.	A.R.M. ...	
11711	38	M1	38	Toxaemia	...	2 0	0 15	20	7 14	15 hrs.	L.	A.R.M. ...	
11876	28	P.	37	Toxaemia	...	19 0	2 5	17	3 4	24 hrs.	L.	A.R.M. ...	Twins.
12182	18	P.	38	Toxaemia	...	12 45	0 50	20	7 13	15 hrs.	L.	A.R.M. ...	
12210	31	M1	36	Toxaemia	...	11 10	0 40	19	6 14	12 hrs.	L.	A.R.M. ...	
12223	34	P.	38	Toxaemia	...	11 10	1 0	20	6 10	16½ hrs.	L.	A.R.M. ...	
12629	30	P.	38	Toxaemia	...	4 25	0 50	19	5 5	10 hrs.	L.	A.R.M. ...	
12322	34	P.	36	Intra-uterine death	...	5 45	0 25	16	3 0	4 days	L.	Stilboestrol	
11645	33	M1	33	Intra-uterine death	...	3 5	0 10	—	2 6	7 days	L.	Stilboestrol	
11698	42	M1	36	Intra-uterine death	...	4 0	0 15	19	6 2	9½ hrs.	L.	Stilboestrol	
13036	40	P.	31	Intra-uterine death	...	3 5	0 10	16	2 12	3 days	L.	Stilboestrol	
13012	28	P.	34	Intra-uterine death	...	15 45	0 15	—	4 3	7 days	L.	Stilboestrol	
12207	30	M1	38	Obstetric history	...	7 5	0 40	19	6 10	8½ hrs.	L.	A.R.M. ...	
12607	21	M1	38	Obstetric history	...	16 30	0 35	21	8 8	44 hrs.	L.	A.R.M. ...	
11552	38	M3	38	Obstetric history	...	19 15	0 35	20	8 1	57 hrs.	L.	A.R.M. ...	
13278	32	M1	38	Obstetric history	...	7 0	0 15	21	7 8	17 hrs.	L.	A.R.M. ...	
8980	31	M5	38	Obstetric history	...	15 0	0 15	19	5 15	12 days	L.	A.R.M. ...	
12626	24	P.	37	Cardiac	...	8 30	0 25	19	6 5	27 hrs.	L.	A.R.M. ...	
7009	31	M4	35	Hydrannios	...	1 40	0 40	—	—	41 hrs.	L.	A.R.M. ...	Anencephalic foetus.
11814	23	M2	38	Hydrannios	...	12 0	1 0	—	4 8	15 hrs.	L.	A.R.M. ...	Anencephalic foetus.
12916	19	P.	38	Contracted pelvis	...	7 30	0 25	19	7 4	9½ hrs.	L.	A.R.M. ...	
13185	32	M4	38	Hyperemesis gravidarum	...	13 50	0 25	20	7 10	6 days	L.	A.R.M. ...	

Rh. negative mother. Rh. Antibody +  
 Fœtus died during treatment for eclampsia.  
 Previous stillbirth near term.  
 Previous stillbirth at term. Large baby.  
 Large baby; one F.D. SB.  
 Rh. negative; difficult forceps last delivery.  
 Rh. negative. Rh. Antibody + Baby transfused.  
 Mitral stenosis.  
 Anencephalic foetus.  
 Anencephalic foetus.

### FORCEPS

Forceps were applied 211 times : 107 Booked and 104 Emergency cases

Indication	No. of Cases	Mothers		Infants			
		L.	D.	L.	SB.	M.	D.
<b>BOOKED CASES</b>							
Delay in 2nd stage due to poor pains	25	25	—	25	—	—	—
Delay in 2nd stage due to disproportion	5	5	—	5	—	—	—
Delay in 2nd stage due to malposition	43	43	—	42	1	—	—
Maternal distress	7	7	—	6	1	—	—
Foetal distress	20	20	—	19	1	—	—
Delayed labour	3	3	—	3	—	—	—
Cardiac disease	2	1	1	2	—	—	—
Rigid perinium	2	2	—	2	—	—	—
	<b>107</b>	<b>106</b>	<b>1</b>	<b>104</b>	<b>3</b>	<b>—</b>	<b>—</b>
<b>EMERGENCY CASES</b>							
Delay in 2nd stage due to poor pains	16	16	—	15	—	1	—
Delay in 2nd stage due to disproportion	3	3	—	3	—	—	—
Delay in 2nd stage due to malposition	35	35	—	33	1	—	1
Maternal distress	8	8	—	7	1	—	—
Foetal distress	19	19	—	18	1	—	—
Cardiac disease	2	2	—	2	—	—	—
Prematurity	1	1	—	1	—	—	—
Prophylactic	19	19	—	19	—	—	—
Delayed labour	1	1	—	1	—	—	—
	<b>104</b>	<b>104</b>	<b>—</b>	<b>99</b>	<b>3</b>	<b>1</b>	<b>1</b>
	<b>211</b>	<b>210</b>	<b>1</b>	<b>203</b>	<b>6</b>	<b>1</b>	<b>1</b>

One mother died, a maternal mortality of 0.47%.

8 Babies died or were stillborn, a foetal mortality of 3.79%.

Three babies were dead before forceps were applied, a corrected mortality of 2.4%.

**FORCEPS DELIVERY. LABOUR NOT INDUCED**

Reg. No.	Age	Grav- ida	Matur- ity	Indication for Forceps	Type of Pelvis	Duration of Labour		Weight Length Result		Remarks	
						1st st. h. m.	2nd st. h. m.	lb. oz.	ins.		M.
<b>BOOKED CASES</b>											
11686	30	P.	40	Delay in 2nd stage due to poor pains	Normal	2 10	4 0	7 5	20	L.	Low forceps.
11526	23	P.	40	Delay in 2nd stage due to poor pains	Normal	1 45	3 30	6 3	20	L.	Low forceps.
11775	23	P.	40	Delay in 2nd stage due to poor pains	Normal	39 30	3 55	8 7	21	L.	Low forceps.
11907	23	P.	40	Delay in 2nd stage due to poor pains	Normal	15 40	2 30	8 8	21	L.	Low forceps.
12043	33	P.	40	Delay in 2nd stage due to poor pains	Normal	16 0	3 30	7 10	21	L.	Low forceps.
11954	29	P.	40	Delay in 2nd stage due to poor pains	Normal	19 30	2 30	7 6	20	L.	Low forceps.
12215	38	M1	40	Delay in 2nd stage due to poor pains	Normal	12 30	2 45	8 11	21	L.	Low forceps.
12244	32	P.	38	Delay in 2nd stage due to poor pains	Normal	27 0	3 0	7 3	20	L.	Low forceps.
12377	27	P.	39	Delay in 2nd stage due to poor pains	Normal	13 0	2 15	6 11	20	L.	Low forceps.
12494	35	P.	40	Delay in 2nd stage due to poor pains	Normal	21 0	2 30	5 5	20	L.	Low forceps.
12645	22	P.	40	Delay in 2nd stage due to poor pains	Normal	15 30	2 35	7 8	20	L.	Low forceps.
12591	40	P.	40	Delay in 2nd stage due to poor pains	Normal	20 20	2 5	7 7	21	L.	Low forceps.
12856	38	P.	41	Delay in 2nd stage due to poor pains	Normal	16 0	2 20	7 0	21	L.	Low forceps.
12982	24	P.	41	Delay in 2nd stage due to poor pains	Normal	10 0	2 25	6 10	20	L.	Low forceps.
12524	23	P.	41	Delay in 2nd stage due to poor pains	Normal	17 15	3 20	9 1	23	L.	Low forceps.
13029	30	P.	40	Delay in 2nd stage due to poor pains	Normal	19 30	2 55	6 11	19	L.	Low forceps.
11994	28	P.	40	Delay in 2nd stage due to poor pains	Normal	28 40	3 55	8 11	22	L.	Low forceps.
11784	27	P.	40	Delay in 2nd stage due to poor pains	Normal	16 0	3 45	7 3	20	L.	Low forceps.
11806	30	P.	40	Delay in 2nd stage due to poor pains	Normal	17 30	2 15	8 4	22	L.	Low forceps.
11903	22	P.	40	Delay in 2nd stage due to poor pains	Normal	33 45	3 0	6 9	20	L.	Low forceps.
11915	19	P.	40	Delay in 2nd stage due to poor pains	Normal	20 45	3 45	8 8	21	L.	Low forceps.
13224	25	P.	40	Delay in 2nd stage due to poor pains	Normal	8 15	2 25	6 5	20	L.	Low forceps.
13226	24	P.	42	Delay in 2nd stage due to poor pains	Normal	12 0	3 0	9 2	22	L.	Low forceps.
13149	33	P.	40	Delay in 2nd stage due to poor pains	Normal	39 30	2 45	8 6	21	L.	Low forceps.
12435	24	P.	41	Delay in 2nd stage due to poor pains	Normal	32 0	2 30	7 3	20	L.	Low forceps.
11469	30	P.	40	Delay in 2nd stage due to malposition	Normal	39 0	0 45	6 1	20	L.	Low forceps.
11436	30	P.	37	Delay in 2nd stage due to malposition	Normal	78 50	4 10	4 9	18	L.	Low forceps.
11691	25	P.	41	Delay in 2nd stage due to malposition	Normal	21 5	2 0	9 7	22	L.	Low forceps.
11575	24	P.	40	Delay in 2nd stage due to malposition	Normal	35 15	2 50	7 7	21	L.	Mid. forceps.
11895	29	P.	40	Delay in 2nd stage due to malposition	Normal	38 0	3 20	7 15	21	L.	Low forceps.
11816	30	P.	40	Delay in 2nd stage due to malposition	Normal	29 0	1 50	6 14	20	L.	Low forceps.
11953	22	P.	40	Delay in 2nd stage due to malposition	Normal	55 30	3 30	8 3	21	L.	Low forceps.
11854	38	P.	40	Delay in 2nd stage due to malposition	Normal	27 30	2 45	8 8	22	L.	Low forceps.
11945	30	P.	42	Delay in 2nd stage due to malposition	Normal	29 0	1 40	8 6	21	L.	Low forceps.
12080	23	P.	42	Delay in 2nd stage due to malposition	Normal	10 30	3 25	7 0	21	L.	Low forceps.
12060	23	P.	40	Delay in 2nd stage due to malposition	Small round	18 30	1 30	6 7	20	L.	Low forceps.
12007	34	P.	40	Delay in 2nd stage due to malposition	Normal	14 34	3 55	8 3	21	L.	Low forceps.
12039	28	P.	40	Delay in 2nd stage due to malposition	Normal	15 0	3 35	6 6	20	L.	Low forceps.
12069	28	P.	40	Delay in 2nd stage due to malposition	Normal	44 15	2 45	9 10	22	L.	Low forceps.
12141	32	P.	40	Delay in 2nd stage due to malposition	Normal	42 15	3 10	8 11	21	L.	Low forceps.
12125	33	P.	40	Delay in 2nd stage due to malposition	Normal	45 45	2 45	7 6	21	L.	Low forceps.
12160	24	P.	40	Delay in 2nd stage due to malposition	Normal	56 15	2 45	7 12	21	L.	Low forceps.
12224	17	P.	40	Delay in 2nd stage due to malposition	Normal	36 0	1 0	8 11	21	L.	Low forceps.
12291	22	P.	40	Delay in 2nd stage due to malposition	Normal	42 0	2 30	8 11	22	L.	Low forceps.
12331	33	P.	40	Delay in 2nd stage due to malposition	Normal	70 0	1 40	7 0	21	L.	Low forceps.
12141	32	P.	38	Delay in 2nd stage due to malposition	Normal	42 15	3 10	8 11	21	L.	Low forceps.
12478	33	P.	40	Delay in 2nd stage due to malposition	Normal	14 15	2 35	6 11	20	L.	Low forceps.
12551	42	P.	40	Delay in 2nd stage due to malposition	Normal	26 30	2 15	7 5	20	L.	Low forceps.

Aspiration pneumonitis.

Accidental hemorrhage.

Deep transverse arrest. Manual rotation.

First twin. Manual rotation and forceps delivery of P.O.P.

Rotation and delivery with Keilland's forceps of L.O.T.

Manual rotation and forceps delivery of R.O.P.

Manual rotation and forceps delivery of L.O.P.

Deep transverse arrest. Manual rotation.

Deep transverse arrest. Manual rotation.

Deep transverse arrest. Manual rotation.

Rotation and delivery with Keilland's forceps of R.O.T.

Rotation and delivery with Keilland's forceps of R.O.T.

Deep transverse arrest. Manual rotation.

Deep transverse arrest. Manual rotation.

Rotation and delivery with Keilland's forceps of R.O.T.

Rotation and delivery with Keilland's forceps of R.O.T.

Deep transverse arrest. Manual rotation.

Deep transverse arrest. Manual rotation.

Deep transverse arrest. Manual rotation.

Deep transverse arrest. Manual rotation.

Deep transverse arrest. Manual rotation.

Deep transverse arrest. Manual rotation.

Deep transverse arrest. Manual rotation.

Deep transverse arrest. Manual rotation.

## FORCEPS DELIVERY. LABOUR NOT INDUCED (continued)

Red. No.	Age	Grav. Maturity	Indication for Forceps	Type of Pelvis	Duration of Labour		Weight lb. oz.	Result ins. M. C.	Remarks
					1st st. h. m.	2nd st. h. m.			
12583	29	P.	Delay in 2nd stage due to malposition	Normal ...	23 0	2 30	7 9	20	Low forceps. Deep transverse arrest. Manual rotation.
7184	26	M1	Delay in 2nd stage due to malposition	Funnel shaped	12 0	2 15	7 0	20	Low forceps. Deep transverse arrest to complete trial of labour. Previous L.U.S. Caesarean. Head deeply engaged at term.
12788	29	P.	Delay in 2nd stage due to malposition	Small round	39 30	1 30	6 12	20	Low forceps. Deep transverse arrest. Manual rotation. To complete trial of labour.
12668	34	P.	Delay in 2nd stage due to malposition	Normal ...	5 5	2 55	7 12	20	Low forceps. Rotation and delivery with Kielland's forceps of R.O.T.
12986	30	P.	Delay in 2nd stage due to malposition	Normal ...	14 15	2 30	10 6	23	Low forceps. Deep transverse arrest. Manual rotation.
12825	24	P.	Delay in 2nd stage due to malposition	Normal ...	14 50	2 10	7 3	21	Low forceps. Deep transverse arrest. Manual rotation.
12212	38	P.	Delay in 2nd stage due to malposition	Normal ...	33 45	2 15	6 3	19	Low forceps. First twin. Deep transverse arrest. Manual rotation.
12993	34	P.	Delay in 2nd stage due to malposition	Normal ...	39 0	2 45	7 11	22	Low forceps. Deep transverse arrest. Manual rotation.
10909	30	P.	Delay in 2nd stage due to malposition	Normal ...	15 45	3 30	8 14	23	Low forceps. Deep transverse arrest. Manual rotation.
13114	29	P.	Delay in 2nd stage due to malposition	Normal ...	42 15	2 45	6 0	20	Low forceps. Deep transverse arrest. Manual rotation.
13153	25	P.	Delay in 2nd stage due to malposition	Normal ...	37 40	1 50	8 4	22	Low forceps. Deep transverse arrest. Manual rotation.
13148	36	P.	Delay in 2nd stage due to malposition	Normal ...	35 10	1 5	8 3	21	Low forceps. Deep transverse arrest. Manual rotation.
13131	29	P.	Delay in 2nd stage due to malposition	Normal ...	3 55	2 25	7 7	21	Low forceps. Deep transverse arrest. Manual rotation.
13160	30	P.	Delay in 2nd stage due to malposition	Normal ...	22 0	2 50	7 15	20	Low forceps. Deep transverse arrest. Manual rotation.
13247	34	P.	Delay in 2nd stage due to malposition	Normal ...	19 40	0 30	7 5	20	Low forceps. Deep transverse arrest. Manual rotation.
13377	27	P.	Delay in 2nd stage due to malposition	Small round	43 0	1 50	7 10	21	Low forceps. Rotation and delivery with Kielland's forceps of R.O.T. to complete trial of labour.
13231	33	P.	Delay in 2nd stage due to malposition	Flat ...	18 0	0 35	7 14	21	Low forceps. Manual rotation and forceps delivery of R.O.P. to complete trial of labour. Secondary uterine inertia.
12325	32	P.	Delay in 2nd stage due to disproportion	Generally contracted	14 30	0 35	7 4	21	Low forceps.
12878	24	P.	Delay in 2nd stage due to disproportion	Generally contracted	16 0	1 40	5 14	18	Low forceps. Rotation and delivery with Kielland's forceps of R.O.T. to complete trial of labour.
13092	32	P.	Delay in 2nd stage due to disproportion	Generally contracted	48 10	1 10	8 1	22	Low forceps. Deep transverse arrest. Manual rotation to complete trial of labour. Dystocia distrophia syndrome.
12500	33	P.	Delay in 2nd stage due to disproportion	Generally contracted	6 0	1 20	6 3	19	Low forceps. Rotation and delivery with Kielland's forceps of R.O.T. To complete trial of labour.
12987	33	P.	Delay in 2nd stage due to disproportion	Flat ...	39 30	2 50	8 1	21	Low forceps. To complete trial of labour.
12151	28	P.	Delayed labour ...	Normal ...	57 0	—	8 3	22	Low forceps. Rim of cervix. Incised anteriorly.
12396	28	P.	Delayed labour ...	Normal ...	53 20	0 30	8 11	22	Low forceps. Deep transverse arrest. Manual rotation.
13273	27	P.	Delayed labour ...	Normal ...	59 0	—	7 2	20	Mid. forceps. Rotation and delivery with Kielland's forceps of R.O.T.
12357	41	M3	Rigid perineum ...	Normal ...	5 0	0 25	7 2	21	Low forceps. Previous repair of 3rd degree tear. No advance after episiotomy performed.
12366	33	M1	Rigid perineum ...	Normal ...	6 10	1 20	7 15	21	Low forceps. No advance after episiotomy performed.
11960	28	P.	Maternal distress ...	Normal ...	45 30	0 30	6 15	20	Low forceps. Baby died in 1st stage of labour.
12237	34	P.	Maternal distress ...	Normal ...	23 20	2 10	6 13	20	Low forceps. Old T.B. chest. Collapsed lung. Spinal anaesthesia.
12213	31	P.	Maternal distress ...	Normal ...	35 45	1 5	7 13	20	Low forceps.
12221	36	P.	Maternal distress ...	Normal ...	66 0	—	7 8	22	Mid. forceps.
12306	34	P.	Maternal distress ...	Normal ...	40 45	2 40	7 0	20	Low forceps.
12434	32	P.	Maternal distress ...	Normal ...	50 50	0 35	8 3	21	Low forceps.
12303	34	P.	Maternal distress ...	Normal ...	40 50	0 50	5 8	19	Low forceps.
12231	26	P.	Cardiac disease ...	Normal ...	17 30	1 40	5 13	19	Low forceps.
11951	31	P.	Cardiac disease ...	Normal ...	4 50	0 15	5 6	19	Low forceps. See Maternal Death No. 11951.
11554	36	P.	Foetal distress ...	Normal ...	6 0	1 50	6 5	19	Low forceps.
11564	38	P.	Foetal distress and posterior position ...	Normal ...	60 45	1 15	7 11	20	Low forceps.
11610	27	P.	Foetal distress ...	Normal ...	24 0	2 40	5 5	19	Low forceps. Rotation and delivery with Kielland's forceps of R.O.P.

**FORCEPS DELIVERY. LABOUR NOT INDUCED (continued)**

Reg. No.	Age	Grav. idia	Matur-ity	Indication for Forceps	Type of Pelvis	Duration of Labour			Weight	Length	Result	Remarks			
						1st st.	2nd st.	ins.					lb. oz.	M.	C.
11963	33	P.	40	Foetal distress	Normal	50	30	1	0	5	9	L.	Low forceps.		
12060	23	P.	41	Foetal distress	Normal	18	30	1	30	6	7	20	L.	Low forceps.	
12250	44	P.	40	Foetal distress	Normal	14	10	1	10	7	8	20	L.	Low forceps.	
12195	44	P.	40	Foetal distress	Normal	27	30	2	40	7	0	20	L.	Low forceps.	
9918	24	M1	40	Foetal distress	Normal	17	0	0	30	6	10	20	L.	Low forceps.	
12277	42	P.	38	Foetal distress	Normal	78	15	2	50	6	8	19	L.	Low forceps.	
12285	24	P.	42	Foetal distress	Normal	10	15	0	25	7	3	21	L.	Low forceps.	
12890	25	P.	39	Foetal distress	Normal	16	50	1	10	6	14	20	L.	Low forceps.	
12985	33	P.	41	Foetal distress	Normal	31	34	1	25	6	12	20	L.	Low forceps.	
13292	22	P.	42	Foetal distress	Normal	6	55	0	15	6	0	20	L.	Low forceps.	
13236	19	P.	39	Foetal distress	Normal	10	0	2	20	8	5	21	L.	Low forceps.	
13233	19	P.	38	Foetal distress	Normal	7	30	0	15	6	7	20	L.	Low forceps.	
13221	22	P.	41	Foetal distress	Normal	15	45	0	25	7	7	22	L.	Low forceps.	
13330	32	P.	42	Foetal distress	Normal	66	45	1	15	7	2	20	L.	Low forceps.	
12828	22	P.	41	Foetal distress	Normal	33	50	0	50	7	15	21	L.	Low forceps.	
2807	40	M5	40	Foetal distress	Normal	80	55	—	—	5	12	20	L.	Low forceps.	
EMERGENCY															
11472	35	P.	40	Delay in 2nd stage due to poor pains	Normal	12	0	1	55	6	15	20	L.	Low forceps.	
11463	32	P.	40	Delay in 2nd stage due to poor pains	Normal	22	20	0	35	7	20	20	L.	Low forceps.	
11438	28	P.	40	Delay in 2nd stage due to poor pains	Normal	10	0	2	10	9	9	20	L.	Low forceps.	
11983	29	P.	39	Delay in 2nd stage due to poor pains	Normal	30	0	3	0	7	2	20	L.	Low forceps.	
12054	40	M2	40	Delay in 2nd stage due to poor pains	Normal	7	15	0	20	6	6	20	L.	Low forceps.	
12281	34	P.	34	Delay in 2nd stage due to poor pains	Normal	24	45	1	25	5	2	17	L.	Low forceps.	
12729	43	P.	39	Delay in 2nd stage due to poor pains	Normal	14	30	2	30	8	11	19	L.	Low forceps.	
12762	30	P.	41	Delay in 2nd stage due to poor pains	Normal	39	30	2	45	9	2	23	L.	Low forceps.	
12659	21	P.	37	Delay in 2nd stage due to poor pains	Normal	7	0	2	0	5	14	20	L.	Low forceps.	
13147	34	P.	40	Delay in 2nd stage due to poor pains	Normal	30	30	3	0	6	6	20	L.	Low forceps.	
13179	38	P.	41	Delay in 2nd stage due to poor pains	Normal	7	5	1	0	8	5	23	L.	Mid. forceps.	
11879	34	P.	40	Delay in 2nd stage due to poor pains	Normal	15	30	2	0	7	10	20	L.	Low forceps.	
11819	27	P.	40	Delay in 2nd stage due to malposition	Normal	53	0	3	25	7	0	20	L.	Low forceps.	
11901	35	M1	40	Delay in 2nd stage due to malposition	Normal	22	5	?	?	8	8	21	L.	Low forceps. Dilated 5 hours on admission.	
12066	35	P.	38	Delay in 2nd stage due to malposition	Small round	30	15	2	40	6	12	20	L.	Low forceps. Rotation and delivery with Kielland's forceps of R.O.T.	
11777	32	P.	40	Delay in 2nd stage due to malposition	Normal	11	30	1	35	8	15	21	L.	Low forceps. Rotation and delivery with Kielland's forceps of L.O.P.	
11729	41	M1	38	Delay in 2nd stage due to malposition	Normal	11	25	1	25	5	11	19	L.	Low forceps. Manual rotation of R.O.P.	
11990	28	P.	40	Delay in 2nd stage due to malposition	Normal	35	30	2	20	8	3	21	L.	Low forceps. Rotation and delivery with Kielland's forceps of L.O.P.	
12032	33	P.	40	Delay in 2nd stage due to malposition	Generally contracted	39	45	1	40	7	12	21	L.	Mid. forceps. Persistent P.O.P. delivered as such.	
12466	31	P.	41	Delay in 2nd stage due to malposition	Normal	6	15	1	55	6	8	19	L.	Low forceps. Manual rotation and forceps delivery of R.O.P. as P.O.P.	
12623	24	P.	41	Delay in 2nd stage due to malposition	Normal	14	15	1	15	7	5	21	L.	Mid. forceps. Manual rotation and forceps delivery of R.O.P. as P.O.P.	
12655	38	P.	40	Delay in 2nd stage due to malposition	Normal	37	20	0	30	7	3	20	L.	Low forceps. Deep transverse arrest. Manual rotation.	
13151	36	P.	40	Delay in 2nd stage due to malposition	Normal	3	30	0	55	8	4	22	L.	Low forceps. Deep transverse arrest. Manual rotation.	
12992	29	P.	40	Delay in 2nd stage due to malposition	Normal	33	15	1	5	7	11	20	L.	Low forceps. Deep transverse arrest. Manual rotation.	
13118	31	P.	40	Delay in 2nd stage due to malposition	Normal	25	30	2	15	7	9	21	L.	Low forceps. Deep transverse arrest. Manual rotation.	
13165	35	M1	40	Delay in 2nd stage due to malposition	Normal	9	0	1	35	8	1	21	L.	Mid. forceps. Manual rotation and forceps delivery of R.O.P.	
13336	29	P.	42	Delay in 2nd stage due to malposition	Small round	39	0	1	30	8	6	22	L.	Low forceps. Deep transverse arrest. Manual rotation.	
13373	28	P.	40	Delay in 2nd stage due to malposition	Normal	20	0	1	15	6	8	20	L.	Low forceps. Manual rotation and forceps delivery of R.O.P. as P.O.P.	
13356	40	P.	40	Delay in 2nd stage due to malposition	Normal	4	25	1	40	7	12	21	L.	Low forceps. Manual rotation and forceps delivery of R.O.P. as P.O.P.	
13079	27	P.	40	Delay in 2nd stage due to malposition	Normal	21	30	0	40	8	11	22	L.	Low forceps. Deep transverse arrest. Manual rotation.	
7250	42	M1	39	Delay in 2nd stage due to malposition	Normal	7	10	0	30	7	14	20	L.	Low forceps. Manual rotation and forceps delivery of R.O.P.	
11685	28	P.	40	Delay in 2nd stage due to malposition	Normal	9	45	1	25	7	15	21	L.	Low forceps. Deep transverse arrest. Manual rotation.	
13216	24	P.	39	Delay in 2nd stage due to malposition	Normal	10	30	1	35	6	13	20	L.	Low forceps. Deep transverse arrest. Manual rotation.	
12988	34	P.	40	Delay in 2nd stage due to malposition	Normal	4	20	1	35	8	1	22	L.	Low forceps. Deep transverse arrest. Manual rotation.	

**FORCEPS DELIVERY. LABOUR NOT INDUCED (continued)**

Reg. No.	Age	Gravida	Maturity	Indication of Forceps	Type of Pelvis	Duration of Labour			Weight	Length	Result	Remarks			
						1st st.	2nd st.	ins.					lb. oz.	M.	C.
12989	31	P.	40	Delay in 2nd stage due to malposition	Normal	22 30	1 30	6 0	20	L.	Low forceps. Deep transverse arrest. Manual rotation.				
12173	31	P.	40	Delay in 2nd stage due to malposition	Normal	31 30	1 0	8 2	22	L.	Low forceps. Deep transverse arrest. Manual rotation.				
12423	28	P.	40	Delay in 2nd stage due to malposition	Normal	3 0	1 45	6 12	19	L.	Low forceps. Deep transverse arrest. Manual rotation.				
12918	33	P.	40	Delay in 2nd stage due to malposition	Normal	16 30	1 35	7 9	20	L.	Low forceps. Deep transverse arrest. Manual rotation.				
12880	21	P.	40	Delay in 2nd stage due to malposition	Normal	19 30	1 20	6 1	21	L.	Low forceps. Deep transverse arrest. Manual rotation.				
11601	32	P.	40	Delay in 2nd stage due to malposition	Normal	33 45	1 15	6 11	19	L.	Low forceps. Deep transverse arrest. Manual rotation.				
11696	33	P.	40	Delay in 2nd stage due to malposition	Normal	29 0	1 40	7 0	20	L.	Low forceps. Deep transverse arrest. Manual rotation.				
11541	23	P.	38	Delay in 2nd stage due to malposition	Normal	32 0	1 35	7 13	20	L.	Low forceps. Deep transverse arrest. Manual rotation.				
12888	28	P.	40	Delay in 2nd stage due to malposition	Small round	15 0	1 35	8 15	22	L.	Mid. forceps. Deep transverse arrest. Manual rotation.				
12841	31	M1	40	Delay in 2nd stage due to malposition	Generally contracted	12 15	1 20	7 8	20	L.	Low forceps. Deep transverse arrest. Manual rotation.				
11478	35	P.	40	Maternal distress	Normal	19 0	1 0	6 14	20	L.	Low forceps. Manual removal of placenta.				
12126	23	P.	40	Maternal distress	Normal	22 0	1 45	7 2	20	L.	Low forceps.				
13331	26	P.	42	Maternal distress	Normal	96 45	0 50	7 13	21	L.	Low forceps. Baby died first stage of labour.				
13283	31	P.	40	Maternal distress	Normal	61 0	—	7 10	20	L.	Mid. forceps. Rim of cervix incised anteriorly.				
12179	34	P.	40	Maternal distress	Normal	15 0	1 10	6 9	20	L.	Mid. forceps.				
13204	39	P.	40	Delay in 2nd stage due to disproportion	Generally contracted	3 15	3 20	8 0	21	L.	Low forceps.				
13353	25	P.	40	Delay in 2nd stage due to disproportion	Normal	29 15	2 25	10 4	23	L.	Mid. forceps. Disproportion due to size of child. Difficulty with delivery of shoulders. Right Erb's palsy. Recovered.				
11631	33	P.	40	Delay in 2nd stage due to disproportion	Generally contracted	30 45	1 50	7 10	20	L.	Mid. forceps.				
11727	30	P.	40	Cardiac disease	Normal	31 15	1 50	7 7	20	L.	Low forceps.				
13272	31	P.	40	Cardiac disease	Normal	24 50	0 50	7 15	21	L.	Low forceps.				
11927	34	P.	40	Delayed labour	Normal	63 50	0 20	6 8	20	L.	Low forceps.				
12662	32	P.	32	Prematurity	Normal	14 30	1 0	3 1	16	L.	Low forceps.				
11767	33	P.	37	Prophylactic	Normal	18 30	0 30	5 4	19	L.	Low forceps.				
11847	36	P.	40	Prophylactic	Normal	11 30	1 30	8 11	21	L.	Low forceps.				
11744	23	P.	40	Prophylactic	Normal	23 30	1 30	7 11	20	L.	Low forceps.				
11827	30	P.	40	Prophylactic	Normal	11 20	1 10	7 13	21	L.	Low forceps.				
12084	31	P.	40	Prophylactic	Normal	19 0	1 25	6 8	20	L.	Low forceps.				
12171	34	P.	41	Prophylactic	Normal	3 0	1 15	6 13	20	L.	Low forceps.				
12019	34	P.	40	Prophylactic	Normal	13 10	1 10	8 6	22	L.	Low forceps.				
12240	35	P.	40	Prophylactic	Normal	22 30	0 40	6 7	20	L.	Low forceps.				
12162	23	P.	42	Prophylactic	Normal	4 5	1 15	6 11	20	L.	Low forceps.				
13370	25	P.	41	Prophylactic	Normal	6 30	0 45	6 6	20	L.	Low forceps.				
13200	35	P.	39	Prophylactic	Normal	4 10	0 30	6 4	19	L.	Low forceps.				
12323	24	P.	40	Prophylactic	Normal	10 15	0 25	6 6	20	L.	Low forceps.				
12253	32	P.	38	Foetal distress	Normal	15 0	0 50	6 10	20	L.	Low forceps.				
12329	27	P.	40	Foetal distress	Normal	13 50	1 15	6 3	20	L.	Low forceps.				
12187	30	P.	40	Foetal distress	Normal	6 0	2 15	5 14	19	L.	Low forceps.				
12482	30	P.	40	Foetal distress	Normal	16 20	—	8 12	21	L.	Low forceps.				
12512	29	P.	40	Foetal distress	Normal	14 30	1 5	7 2	20	L.	Low forceps.				
12537	27	P.	40	Foetal distress	Normal	7 25	0 45	7 9	20	L.	Low forceps.				
12538	32	P.	40	Foetal distress	Normal	20 45	1 0	7 9	20	L.	Low forceps.				
12546	37	P.	41	Foetal distress	Normal	18 30	1 20	8 5	22	L.	Low forceps.				
12735	37	P.	40	Foetal distress	Normal	11 0	1 20	7 2	20	L.	Low forceps.				
12349	37	P.	39	Foetal distress	Normal	23 15	0 50	6 11	20	L.	Low forceps.				
12637	38	P.	39	Foetal distress	Normal	17 30	—	6 9	20	L.	Low forceps.				
12870	45	M9	40	Foetal distress	Normal	42 30	—	7 13	20	L.	Low forceps.				
4888	37	M2	40	Foetal distress	Normal	5 40	—	9 14	23	L.	Mid. forceps. Impacted shoulders.				
12996	28	M3	40	Foetal distress	Normal	4 45	—	8 3	22	L.	Low forceps.				
6567	36	M1	40	Foetal distress	Normal	6 10	—	7 12	20	L.	Low forceps.				
13020	29	P.	41	Foetal distress	Normal	36 0	20 0	9 3	22	L.	Low forceps.				
12990	27	P.	42	Foetal distress	Normal	7 55	—	8 1	21	L.	Low forceps.				
13255	39	P.	37	Foetal distress	Normal	7 40	—	5 12	19	L.	Low forceps. Spinal anaesthesia.				

## FORCEPS DELIVERY. LABOUR INDUCED

Reg. No.	Age	Gravida	Maturity	Indication for Forceps	Type of Pelvis	Duration of Labour				Weight lb. oz.	Length ins.	Result M. C.	Remarks	
						1st st. h. m.	2nd st. h. m.	...	...					
<b>BOOKED CASES</b>														
12721	34	M4	37	Delay in 2nd stage due to malposition	Normal	...	6	0	1	40	7	0	L. L.	Low forceps. Rotation and delivery with Kielland's forceps of R.O.T. A.R.M. at 37th week for thyrotoxicosis.
13052	42	M2	40	Delay in 2nd stage due to malposition	Normal	...	3	5	1	35	8	1	L. L.	Low forceps. Deep transverse arrest. Manual rotation. A.R.M. at term.
13263	41	M2	40	Delay in 2nd stage due to malposition	Normal	...	11	45	0	30	6	7	L. L.	Low forceps. Manual rotation and forceps delivery of R.O.P. as P.O.P. A.R.M. at term.
12698	32	P.	42	Fœtal distress	Normal	...	7	0	2	25	9	8	L. L.	Low forceps. A.R.M. for post-maturity.
<b>EMERGENCY CASES</b>														
11867	24	P.	44	Delay in 2nd stage due to poor pains	Normal	...	29	15	3	45	9	2	L. L.	Low forceps. A.R.M. for post-maturity.
11966	20	P.	36	Delay in 2nd stage due to poor pains	Normal	...	34	40	2	30	7	7	L. L.	Low forceps. A.R.M. for toxæmia.
11095	24	P.	37	Delay in 2nd stage due to poor pains	Normal	...	18	0	2	40	5	8	L. L.	Low forceps. A.R.M. for toxæmia. Twins.
13275	28	P.	39	Delay in 2nd stage due to poor pains	Normal	...	5	30	1	25	8	8	L. L.	Low forceps. A.R.M. for toxæmia.
13260	39	P.	39	Delay in 2nd stage due to malposition	Normal	...	8	55	1	15	6	11	L. L.	Low forceps. Manual rotation and forceps delivery of R.O.P. A.R.M. for toxæmia.
12219	24	P.	40	Delay in 2nd stage due to malposition	Normal	...	18	15	1	0	6	13	L. L.	Low forceps. Deep transverse arrest. Manual rotation. A.R.M. at term.
12928	26	P.	40	Delay in 2nd stage due to malposition	Normal	...	14	10	2	5	7	2	L. L.	Low forceps. Manual rotation and forceps delivery of L.O.P. A.R.M. at term.
11541	23	P.	40	Prophylactic	Normal	...	32	0	0	45	7	13	L. L.	Low forceps. A.R.M. at term.
11696	33	P.	40	Prophylactic	Normal	...	29	0	0	40	7	0	L. L.	Low forceps. A.R.M. at term.
12240	35	P.	40	Prophylactic	Normal	...	22	30	0	40	6	7	L. L.	Low forceps. A.R.M. at term.
12323	24	P.	40	Prophylactic	Normal	...	10	15	0	25	6	6	L. L.	Low forceps. A.R.M. at term.
12208	25	P.	40	Prophylactic	Normal	...	6	0	0	20	6	13	L. L.	Low forceps. A.R.M. at term.
12643	30	P.	40	Prophylactic	Normal	...	2	30	0	10	6	12	L. L.	Low forceps. A.R.M. at term.
12766	30	P.	40	Prophylactic	Normal	...	8	45	0	25	6	3	L. L.	Low forceps. A.R.M. at term.
13104	35	M2	40	Maternal distress	Normal	...	13	50	0	40	7	10	L. L.	Low forceps. A.R.M. at term.
12528	39	P.	40	Maternal distress	Normal	...	22	50	0	45	5	5	L. L.	Low forceps. A.R.M. at term.
13058	29	P.	36	Maternal distress	Normal	...	3	40	0	55	6	14	L. L.	Low forceps. A.R.M. for toxæmia.
13927	38	M2	40	Fœtal distress	Normal	...	8	30	0	25	7	3	L. L.	Low forceps. A.R.M. at term.



## VERSION

Version was performed in 22 cases : 7 Booked and 15 Emergency.

In 20 cases the operation performed was internal version, in 2 cases bi-polar version.

Reg. No.	Age	Grav-ida	Matur-ity	Indication	Weight of Infant lb. oz.	Result		Remarks
						M.	C.	
BOOKED CASES								
12935	35	M1	41	Delayed labour	9 2	L.	L.	Posterior position. Normal pelvis.
12876	29	M1	40	Prolapsed cord...	7 6	L.	L.	Cord prolapsed at full dilatation. Breech extracted.
9256	39	M7	30	Prolapsed cord...	3 1	L.	D.	First twin.
11883	40	M2	40	Shoulder presentation, prolapsed arm and cord	7 13	D.	L.	Internal version and breech extraction. See maternal death No. 11883.
12966	36	M2	40	Transverse lie	6 5	L.	L.	
12212	38	P.	40	Transverse lie	5 9	L.	L.	Second twin. First twin delivered by forceps.
12721	34	M4	37	Compound presentation	5 14	L.	L.	Second twin. Vertex and double footling presentation. Internal version and breech extraction.
EMERGENCY CASES								
12738	30	P.	40	Transverse lie	5 10	L.	L.	Second twin. Internal version and breech extraction.
11640	29	M2	30	Transverse lie. Placenta prævia	2 12	L.	SB.	Bipolar version, leg brought down.
11630	40	M4	35	Placenta prævia	5 4	L.	L.	Bipolar version. Leg brought down.
12801	36	M5	36	Placenta prævia and prolapsed cord	6 2	L.	L.	Prolapse of cord after A.R.M. for high lateral placenta prævia. Internal version and breech extraction.
11618	39	M12	40	Prolapsed cord...	8 3	L.	L.	Internal version and breech extraction.
13243	29	M2	40	Prolapsed cord...	6 11	L.	L.	Internal version and breech extraction.
13332	38	M2	40	Shoulder presentation, prolapsed arm	8 2	L.	L.	Internal version, leg brought down. Subsequent breech delivery.
11490	25	P.	34	Shoulder presentation...	3 15	L.	SB.	Accidental hæmorrhage. No F.H on admission. Internal version. Leg brought down.
13058	29	P.	36	Shoulder presentation...	6 1	L.	L.	2nd twin. Internal version and breech extraction.
12612	20	P.	40	Delayed labour	8 13	L.	L.	Posterior position. Normal pelvis.
12402	36	M2	41	Delayed labour	8 7	L.	L.	Posterior position. Normal pelvis.
12027	36	M2	40	Delayed labour	7 5	L.	SB.	Posterior position. Normal pelvis.
13057	32	P.	40	Delayed labour	8 8	L.	L.	Posterior position. Normal pelvis. Internal version and breech extraction.
12282	38	M3	39	Cord presentation	7 7	L.	L.	Internal version and breech extraction.
12636	37	P.	32	Accidental hæmorrhage	4 5	L.	L.	Internal version and breech extraction.

One mother died, a maternal mortality of 4.5%.

4 Babies died or were stillborn, a foetal mortality of 18%.

## CÆSAREAN SECTION

Cæsarean Section was performed 273 times

No. of Cases	Indication	Mother		Infants				
		L.	D.	L.	SB <sub>1</sub>	M.	D.	
<b>BOOKED CASES</b>								
100	Disproportion ... ..	99	1	95	2	—	4	Set of twins.
6	Cardiac disease ... ..	6	—	6	—	—	—	
7	Placenta prævia ... ..	7	—	7	—	—	—	
2	Breech presentation and age ... ..	2	—	1	—	—	1	
3	Brow presentation ... ..	3	—	3	—	—	—	
3	Transverse lie ... ..	3	—	3	—	—	—	
5	Toxaemia ... ..	5	—	4	—	—	1	
2	Fibroids ... ..	2	—	2	—	—	—	
7	Rigid Cervix ... ..	7	—	7	—	—	—	
1	Vaginal atresia ... ..	1	—	1	—	—	—	
1	Previous colporrhaphy ... ..	1	—	1	—	—	—	
3	Fœtal distress ... ..	3	—	3	—	—	—	
15	Age and period of sterility ... ..	15	—	15	—	—	—	
1	? Partial rupture of old uterine scar ... ..	1	—	—	1	—	—	
1	? Partial rupture of uterus ... ..	—	1	—	1	—	—	
3	Inertia ... ..	3	—	3	—	—	—	
13	Obstetric history ... ..	13	—	14	—	—	—	Set of twins.
1	Bicornuate uterus—oblique lie ... ..	1	—	1	—	—	—	
<b>174</b>		<b>172</b>	<b>2</b>	<b>166</b>	<b>4</b>	<b>0</b>	<b>6</b>	
<b>EMERGENCY CASES</b>								
49	Disproportion ... ..	49	—	49	—	—	—	
2	Cardiac disease ... ..	2	—	2	—	—	—	
6	Placenta prævia ... ..	6	—	5	—	—	2	Set of twins.
3	Breech presentation and age ... ..	3	—	2	—	—	1	
3	Transverse lie ... ..	3	—	3	—	—	—	
7	Toxaemia ... ..	6	1	6	—	—	1	
3	Fibroids ... ..	3	—	3	—	—	—	
4	Rigid cervix ... ..	4	—	4	—	—	—	
2	Previous colporrhaphy ... ..	2	—	2	—	—	—	
3	Fœtal distress ... ..	3	—	3	—	—	—	
2	Inertia ... ..	2	—	2	—	—	—	
1	Diabetic ... ..	1	—	1	—	—	—	
1	Acholic jaundice ... ..	1	—	1	—	—	—	
8	Obstetric history ... ..	8	—	9	—	—	—	Set of twins.
4	Age and period of sterility ... ..	4	—	4	—	—	—	
1	Cord presentation ... ..	1	—	1	—	—	—	
<b>99</b>		<b>98</b>	<b>1</b>	<b>97</b>	<b>0</b>	<b>0</b>	<b>4</b>	

3 Mothers died, a mortality of 1.1%.

14 Babies died or were stillborn, a foetal mortality of 5.06%.

260 Lower segment operations, 5 classical operations, 7 extra-peritoneal operations, 1 Cæsarean hysterectomy.

General anaesthesia was used in 142 cases.

Local anaesthesia in 99 cases.

Spinal anaesthesia in 32 cases.

## CÆSAREAN SECTION

Reg. No.	Age	Grav. Maturity	Indication	Obstetric History	Pelvis	Duration of Labour			Child Weight Length lb. oz. ins.	Result M. C.	Type of Operation	Anæsthetic	Remarks
						1st st. h. m.	2nd st. h. m.	h. m.					
BOOKED													
2013	33	M2	Contracted pelvis and disproportion	One S.B. One C.S. ...	Small round	—	—	—	7 6	20	L.	L.U.S. ...	G.A.
12133	37	P.	Contracted pelvis and disproportion	... ..	Small round	31	50	—	7 10	20	L.	L.U.S. ...	L.
3631	25	M2	Contracted pelvis and disproportion	Two C.S. ...	Small round	—	—	—	8 15	21	L.	L.U.S. ...	G.A.
12116	38	M3	Contracted pelvis and disproportion	Two C.S. One N.D. Premature S.B.	Generally contracted	12	25	—	4 10	18	L.	L.U.S. ...	L.
12114	39	M1	Contracted pelvis and disproportion	Previous Classical C.S.	Small round	—	—	—	5 14	19	L.	Classical ...	G.A.
11911	37	P.	Contracted pelvis and disproportion	... ..	Flat Cons. 3.3"	—	—	—	7 8	21	L.	L.U.S. ...	G.A.
2990	26	M1	Contracted pelvis and disproportion	One breech. S.B. ...	Funnel. Outlet 3.2"	—	—	—	6 14	20	L.	L.U.S. ...	L.
7756	38	M6	Contracted pelvis and disproportion	Two F.D. Two N.D.	Flat	—	—	—	7 8	21	L.	L.U.S. ...	G.A.
				All 5-6 lb. One perforation. 8 lb. 1 oz. Previous C.S. after trial labour	Generally contracted	—	—	—	7 12	20	L.	L.U.S. ...	G.A.
9796	38	M1	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	—	8 8	22	L.	L.U.S. ...	L.
12158	30	P.	Contracted pelvis and disproportion	One breech. S.B. One C.S.	Generally contracted	10	30	—	8 7	21	L.	L.U.S. ...	G.A.
6544	29	M2	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	—	8 7	21	L.	L.U.S. ...	G.A.
4983	27	M2	Contracted pelvis and disproportion	Two C.S. 1st trial labour	Generally contracted	—	—	—	8 7	22	L.	L.U.S. ...	G.A.
3578	28	M2	Contracted pelvis and disproportion	Two C.S. One F.D. S.B. One C.S.	Generally contracted	—	—	—	7 0	20	L.	L.U.S. ...	G.A.
12517	30	M1	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	—	5 11	19	L.	L.U.S. ...	G.A.
12614	33	P.	Contracted pelvis and disproportion	... ..	Generally contracted	5	15	—	6 12	20	L.	L.U.S. ...	G.A.
818	32	M1	Contracted pelvis and disproportion	Previous C.S. ...	Small round	—	—	—	5 14	19	L.	L.U.S. ...	Spinal
9689	33	M2	Contracted pelvis and disproportion	Two C.S. ...	Small round	—	—	—	5 9	19	L.	L.U.S. ...	G.A.
12624	36	M1	Contracted pelvis and disproportion	Brow perforated. S.B.	Small round	—	—	—	6 12	20	L.	L.U.S. ...	G.A.
4405	36	M2	Contracted pelvis and disproportion	Two C.S. ...	Generally contracted	—	—	—	7 15	20	L.	L.U.S. ...	G.A.
12658	32	P.	Contracted pelvis and disproportion	... ..	Cons. 3.7"	15	50	—	10 8	23	L.	L.U.S. ...	L.
4824	33	M2	Contracted pelvis and disproportion	Two C.S. ...	Generally contracted	—	—	—	9 2	23	L.	L.U.S. ...	G.A.
5812	31	M1	Contracted pelvis and disproportion	One C.S. ...	Flat. Conj. 3"	—	—	—	7 9	20	L.	L.U.S. ...	G.A.
12676	39	P.	Contracted pelvis and disproportion	... ..	Generally contracted	21	0	—	8 4	22	L.	L.U.S. ...	G.A.
12536	24	P.	Contracted pelvis and disproportion	... ..	Small round	—	—	—	6 2	20	L.	L.U.S. ...	L.
				... ..	Small round	—	—	—	7 4	20	L.	L.U.S. ...	G.A.
12763	32	M2	Contracted pelvis and disproportion	Two C.S. ...	Oblique. Contracted outlet	—	—	—	6 8	20	L.	L.U.S. ...	L.
12606	36	P.	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	—	6 15	19	L.	L.U.S. ...	G.A.
7182	29	M2	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	—	7 4	21	L.	L.U.S. ...	G.A.
10612	27	M1	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	—	7 13	21	L.	L.U.S. ...	G.A.
12910	28	M1	Contracted pelvis and disproportion	Previous C.S. ...	Small round. Conj. 3.7"	—	—	—	6 15	20	L.	L.U.S. ...	L.
12413	28	P.	Contracted pelvis and disproportion	... ..	Generally contracted	2	5	—	8 9	22	L.	L.U.S. ...	L.
12697	30	P.	Contracted pelvis and disproportion	... ..	Generally contracted	2	5	—	8 9	22	L.	L.U.S. ...	L.

Fœtal distress early in 1st stage of labour.  
 Repair of ventral hernia.  
 Baby died 48 hrs. old.  
 Atelectasis.  
 Sterilisation.  
 Baby mild hydrocephalic and Spina bifida.  
 Baby died. Atelectasis.  
 Small stature, 4' 9".  
 Trial of labour unsuccessful.  
 Sterilisation.  
 Breech presentation.  
 Sterilisation.  
 Breech presentation.  
 Fœtal distress early in trial of labour.

## CÆSAREAN SECTION (continued)

Reg. No.	Age	Gravida	Maturity	Indication	Obstetric History	Pelvis	Duration of Labour			Child		Result	Type of Operation	Anæsthetic	Remarks
							1st st. h. m.	2nd st. h. m.	3rd st. h. m.	Weight lb. oz.	Length ins.				
1723	26	M1	39	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	8	15	—	6	15	20	L. L. L. U.S. ...	G.A.	Ankylosed right hip
1551	39	P.	40	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	—	6	14	20	L. L. L. U.S. ...	G.A.	
3524	31	M2	40	Contracted pelvis and disproportion	Two C.S. ...	Generally contracted	37	0	—	9	12	20	L. L. L. U.S. ...	G.A.	Sterilisation.
11523	27	P.	40	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	—	7	0	20	L. L. L. U.S. ...	G.A.	Trial of labour unsuccessful.
11693	35	P.	40	Contracted pelvis and disproportion	One C.S. L. One F.D. S.B.	Generally contracted	—	—	—	6	6	20	L. L. L. U.S. ...	G.A.	Breech presentation.
11661	33	M1	40	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	—	7	12	20	L. L. L. U.S. ...	G.A.	
5885	24	M1	40	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	—	7	11	20	L. L. L. U.S. ...	G.A.	
9487	40	M1	39	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	—	7	15	20	L. L. L. U.S. ...	L.	
9293	30	M1	40	Contracted pelvis and disproportion	One S.B. Prolapsed cord	Flat	—	—	—	6	4	20	L. L. L. U.S. ...	L.	
11575	26	P.	40	Contracted pelvis and disproportion	One C.S. ...	Generally contracted	19	15	—	7	15	20	L. L. L. U.S. ...	G.A.	
9471	34	M2	39	Contracted pelvis and disproportion	One Breech S.B. One C.S.	Generally contracted	—	—	—	8	9	21	L. L. L. U.S. ...	Spinal	
11505	38	M2	41	Contracted pelvis and disproportion	One N.D. One S.B. ...	Generally contracted	11	15	—	8	11	21	L. L. L. U.S. ...	G.A.	Fortal distress during trial labour.
11700	22	P.	42	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	—	8	13	21	L. L. L. U.S. ...	G.A.	
11741	27	P.	40	Contracted pelvis and disproportion	... ..	Generally contracted	17	0	—	6	8	20	L. SB. L. U.S. ...	G.A.	P.M.—Intracranial hæmorrhage. Ruptured vein of Galen. See Maternal Death No. 11750.
11750	37	P.	40	Contracted pelvis and disproportion	... ..	Generally contracted	23	0	—	6	0	20	D. L. L. U.S. ...	G.A.	Sterilisation.
4331	31	M4	39	Contracted pelvis and disproportion	Breech L. Breech S.B. N.D. S.B. Both prolapsed cord. One C.S.	Flat	—	—	—	6	12	20	L. L. L. U.S. ...	G.A.	
11479	36	P.	40	Contracted pelvis and disproportion	... ..	Generally contracted	29	0	—	8	4	20	L. L. L. U.S. ...	L.	Trial labour unsuccessful.
11782	30	P.	40	Contracted pelvis and disproportion	... ..	Generally contracted	15	0	—	8	15	21	L. L. L. U.S. ...	G.A.	
7873	23	M2	40	Contracted pelvis and disproportion	Two C.S. ...	Generally contracted	—	—	—	4	14	—	L. L. L. U.S. ...	G.A.	Sterilisation.
9192	25	M1	40	Contracted pelvis and disproportion	One N.D. ...	Generally contracted	38	30	—	8	14	22	L. D. L. U.S. ...	G.A.	Baby died. Intracranial hæmorrhage.
371	35	M2	40	Contracted pelvis and disproportion	Two C.S. ...	Generally contracted	—	—	—	7	13	21	L. L. L. U.S. ...	G.A.	Sterilisation.
1185	36	M1	38	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	—	6	8	20	L. L. L. U.S. ...	G.A.	
8632	37	M1	39	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	—	6	11	20	L. L. L. U.S. ...	G.A.	Very obese. Pfannenstiël incision.
13028	27	P.	41	Contracted pelvis and disproportion	... ..	Generally contracted	10	30	—	6	12	20	L. L. L. U.S. ...	Spinal Extraperitoneal	
13030	39	P.	40	Contracted pelvis and disproportion	... ..	Generally contracted	6	15	—	9	4	23	L. SB. L. U.S. ...	G.A.	Intracranial hæmorrhage.
9279	32	M2	39	Contracted pelvis and disproportion	Two C.S. ...	Generally contracted	—	—	—	7	0	20	L. L. L. U.S. ...	G.A.	Sterilisation.
13067	37	P.	41	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	—	7	8	21	L. L. L. U.S. ...	L.	
160	38	M2	39	Contracted pelvis and disproportion	Two C.S. ...	Generally contracted	—	—	—	8	7	22	L. L. L. U.S. ...	G.A.	Persistent transverse lie. Sterilisation.

## CÆSAREAN SECTION (continued)

Reg. No.	Age	Grav-ity	Matur-ity	Indication	Obstetric History	Pelvis	Duration of Labour		Child		Result	Type of Operation	Anæsthetic	Remarks
							1st st. h. m.	2nd st. h. m.	lb. oz.	ins.				
13051	39	P.	39	Contracted pelvis and disproportion	...	Generally contracted. Conj. 3.7"	—	—	7 8	20	L.	L. U.S. ...	G.A.	Ankylosed right hip Old T.B.
10194	34	M1	40	Contracted pelvis and disproportion	Previous C.S.	Generally contracted	—	—	7 12	20	L.	L. U.S. ...	G.A.	Very obese. Pfannenstiel incision. Married 14 years.
13264	36	P.	40	Contracted pelvis and disproportion	...	Generally contracted	—	—	9 2	23	L.	L. U.S. ...	Spinal	Trial of labour unsuccessful. Posterior position. Sterilisation.
13225	29	M1	41	Contracted pelvis and disproportion	One S.B. Two miscarriages	Flat	9 40	—	7 10	20	L.	L. U.S. ...	L.	Central placenta prævia No hæmorrhage.
4773	30	M2	38	Contracted pelvis and disproportion	Two C.S.	Generally contracted	—	—	8 10	22	L.	L. U.S. ...	L.	Breech presentation. Transverse lie. Larger baby than N.D.
3942	30	M1	39	Contracted pelvis and disproportion	Previous C.S.	Generally contracted	—	—	7 3	20	L.	L. U.S. ...	G.A.	Twins.
13268	20	P.	39	Contracted pelvis and disproportion	...	Generally contracted	—	—	7 14	20	L.	L. U.S. ...	L.	Very obese. Pfannenstiel incision. Married 14 years.
8764	38	M1	40	Contracted pelvis and disproportion	One N.D. S.B.	Generally contracted. Conj. 3.7"	—	—	8 11	22	L.	L. U.S. ...	L.	Trial of labour unsuccessful. Posterior position. Sterilisation.
1382	37	M1	40	Contracted pelvis and disproportion	Previous C.S.	Generally contracted	—	—	8 10	21	L.	L. U.S. ...	L.	Central placenta prævia No hæmorrhage.
5513	27	M1	40	Contracted pelvis and disproportion	Previous C.S.	Generally contracted	—	—	7 12	20	L.	L. U.S. ...	L.	Breech presentation. Transverse lie. Larger baby than N.D.
1535	40	M2	38	Contracted pelvis and disproportion	Two previous C.S.	Flat. Conj. 3.1"	—	—	8 5	21	L.	L. U.S. ...	G.A.	Twins.
11795	38	M1	40	Contracted pelvis and disproportion	One N.D. Trial labour W.T. 6 lb.	Flat. Conj. 3.5"	—	—	7 9	20	L.	L. U.S. ...	L.	Very obese. Pfannenstiel incision. Married 12 years.
12065	36	M1	40	Contracted pelvis and disproportion	Previous C.S. after trial labour	Generally contracted	—	—	5 10	19	L.	L. U.S. ...	L.	Not sterilised. Morbid puerperium. Pelvic infection.
12070	37	P.	40	Contracted pelvis and disproportion	One miscarriage	Small round	—	—	9 12	23	L.	L. U.S. ...	Spinal	Fœtal distress.
5043	30	M2	39	Contracted pelvis and disproportion	Two C.S.	Generally contracted	—	—	6 12	20	L.	L. U.S. ...	G.A.	Ankylosed right hip. Old T.B.
9706	29	M1	40	Contracted pelvis and disproportion	One F.D. S.B.	Generally contracted	—	—	8 0	21	L.	L. U.S. ...	G.A.	Sterilisation.
6906	24	M1	40	Contracted pelvis and disproportion	Previous C.S.	Generally contracted	—	—	6 0	20	L.	L. U.S. ...	G.A.	Diaphysealclasis.
12083	33	P.	39	Contracted pelvis and disproportion	...	Flat. Conj. 3.2"	—	—	6 14	20	L.	L. U.S. ...	L.	Very obese. Pfannenstiel incision. Married 12 years.
11989	35	M2	40	Contracted pelvis and disproportion	One F.D.L. One F.D.	Generally contracted	35 40	—	7 9	20	L.	L. U.S. ...	Spinal	Morbid puerperium.
3291	33	M2	39	Contracted pelvis and disproportion	One S.B. One C.S.	Generally contracted	—	—	7 10	20	L.	L. U.S. ...	L.	Fœtal distress.
12062	38	M1	39	Contracted pelvis and disproportion	One N.D. Premature. Wt. 4 lb. 8 oz.	Generally contracted	—	—	5 15	19	L.	L. U.S. ...	G.A.	Ankylosed right hip. Old T.B.
7998	32	M2	40	Contracted pelvis and disproportion	Two C.S.	Small round	—	—	8 12	21	L.	L. U.S. ...	Spinal	Sterilisation.
12072	29	M1	41	Contracted pelvis and disproportion	One breech ... S.B. Hydrocephalic	Generally contracted	—	—	8 5	22	L.	L. U.S. ...	L.	Very obese. Pfannenstiel incision. Married 12 years.
645	35	M1	39	Contracted pelvis and disproportion	One C.S. after trial labour	Generally contracted	—	—	7 15	20	L.	L. U.S. ...	L.	Not sterilised. Morbid puerperium. Pelvic infection.
744	31	M3	38	Contracted pelvis and disproportion	One F.D. S.B. Two C.S.	Generally contracted	—	—	8 3	21	L.	L. U.S. ...	G.A.	Sterilisation.
5647	28	M1	39	Contracted pelvis and disproportion	One F.D. S.B.	Generally contracted	—	—	9 1	22	L.	L. U.S. ...	G.A.	Diaphysealclasis.
12190	32	P.	40	Contracted pelvis and disproportion	...	Flat	—	—	8 3	21	L.	L. U.S. ...	G.A.	Very obese. Pfannenstiel incision. Married 14 years.
7410	34	M1	40	Contracted pelvis and disproportion	One F.D. S.B.	Flat	—	—	9 5	23	L.	L. U.S. ...	Spinal	Very obese. Pfannenstiel incision. Married 14 years.
12144	25	P.	39	Contracted pelvis and disproportion	One miscarriage	Generally contracted. Conj. 3.7"	7 30	—	6 9	20	L.	L. U.S. ...	G.A.	Diaphysealclasis.
12311	29	P.	40	Contracted pelvis and disproportion	...	Flat Conj. 3.2"	3 0	—	7 0	20	L.	L. U.S. ...	L.	Very obese. Pfannenstiel incision. Married 12 years.
347	31	M4	40	Contracted pelvis and disproportion	Two S.B. Two N.D.	Generally contracted	33 25	—	9 2	23	L.	L. U.S. ...	G.A.	Morbid puerperium.
11797	40	P.	38	Contracted pelvis and disproportion	...	Small round	—	—	6 14	20	L.	L. U.S. ...	Spinal	Very obese. Pfannenstiel incision. Married 14 years.
11860	31	M2	40	Contracted pelvis and disproportion	One N.D. Premature. One C.S.	Generally contracted	15 0	—	7 10	20	L.	L. U.S. ...	L.	Very obese. Pfannenstiel incision. Married 12 years.

**CÆSAREAN SECTION (continued)**

Reg. No.	Age	Gravidity	Maturity	Indication	Obstetric History	Pelvis	Duration of labour			Child	Result	Type of Operation	Anæsthetic	Remarks
							1st st. h. m.	2nd st. h. m.	Weight lb. oz.					
11863	35	M2	39	Contracted pelvis and disproportion	One F.D. S.B. One C.S.	Generally contracted	—	—	8 7	21	L. L.	L.U.S. ...	Spinal	Trial of labour unsuccessful. Fœtal distress.
3523	27	M1	40	Contracted pelvis and disproportion	One C.S.	Generally contracted	—	—	7 1	20	L. L.	L.U.S. ...	L.	
4914	38	M1	39	Contracted pelvis and disproportion	One C.S.	Flat	—	—	7 3	20	L. L.	L.U.S. ...	G.A.	
12831	28	P.	41	Contracted pelvis and disproportion	...	Generally contracted	60	30	7 5	21	L. L.	L.U.S. ...	L.	
13270	42	P.	40	Contracted pelvis and disproportion	One F.D. S.B. One C.S.	Flat	—	—	7 14	20	L. L.	L.U.S. ...	L.	Sterilisation.
13196	42	M2	40	Contracted pelvis and disproportion	One F.D. S.B. One C.S.	Generally contracted	—	—	6 14	20	L. L.	L.U.S. ...	G.A.	
9520	30	M1	39	Contracted pelvis and disproportion	One N.D. S.B. Pre-mature	Generally contracted	7	15	8 5	22	L. L.	L.U.S. ...	L.	Trial labour unsuccessful.
11255	38	M3	40	Cardiac disease—mitral stenosis	Three N.D. ...	Normal	—	—	7 6	20	L. L.	L.U.S. ...	L.	Signs of decompensation. Sterilisation.
12178	38	P.	38	Cardiac disease—mitral stenosis	...	Normal	—	—	8 0	22	L. L.	L.U.S. ...	L.	Decompensated. Pre-mature onset of labour. Sterilisation.
6641	27	M1	39	Cardiac disease—mitral stenosis	Previous C.S.	Normal	3	30	6 4	20	L. L.	L.U.S. ...	L.	Breech presentation.
12411	24	P.	35	Cardiac disease—mitral stenosis	...	Normal	1	30	5 9	18	L. L.	L.U.S. ...	L.	Breech presentation. Placenta partially covering internal os.
12075	31	P.	40	Cardiac disease—mitral stenosis	...	Normal	—	—	5 10	19	L. L.	L.U.S. ...	L.	Low lateral placenta prævia. 1" from internal os. posteriorly.
12380	29	P.	38	Cardiac disease—mitral stenosis	...	Normal	—	—	8 5	22	L. L.	L.U.S. ...	G.A.	Central placenta prævia. Abdominal diagnosis.
4709	26	M1	40	Placenta prævia	One N.D.	Normal	—	—	7 8	21	L. L.	L.U.S. ...	L.	Low lateral placenta prævia. 3" from internal os. Postero-lateral wall.
11978	27	P.	38	Placenta prævia	...	Normal	—	—	7 5	20	L. L.	L.U.S. ...	L.	Central placenta prævia. Abdominal diagnosis.
12751	38	P.	36	Placenta prævia	...	Normal	—	—	4 8	18	L. L.	L.U.S. ...	L.	Low lateral placenta prævia. 3" from internal os. Postero-lateral wall.
13037	34	P.	39	Placenta prævia	...	Funnel	—	—	5 7	19	L. L.	L.U.S. ...	L.	Central placenta prævia. Abdominal diagnosis.
12717	28	P.	38	Placenta prævia	...	Normal	—	—	7 8	20	L. L.	L.U.S. ...	L.	Brisk hæmorrhage in labour. Cervix 2 fingers dilated.
11846	28	P.	40	Placenta prævia	...	Normal	22	40	7 12	20	L. L.	L.U.S. ...	L.	Central placenta prævia. Abdominal diagnosis.
11365	39	M11	35	Placenta prævia	Ten N.D. One F.D.	Normal	—	—	6 0	19	L. L.	L.U.S. ...	L.	Brisk hæmorrhage in labour. Cervix 2 fingers dilated.
11721	39	P.	40	Breech and age	One miscarriage	Normal	6	15	6 1	20	L. D.	L.U.S. ...	G.A.	Central placenta prævia. Abdominal diagnosis.
12412	44	P.	40	Breech and age	...	Normal	—	—	8 5	22	L. L.	L.U.S. ...	G.A.	Baby died—atelectasis.
12352	31	P.	41	Brow presentation	...	Normal	28	50	8 0	22	L. L.	L.U.S. ...	G.A.	Posterior position extending to brow.
11485	32	M1	40	Brow presentation	One N.D. S.B. Pro-lapsed cord	Normal	3	30	6 14	20	L. L.	L.U.S. ...	Spinal	
13267	38	P.	40	Brow (primary) and age	...	Normal	—	—	8 2	22	L. L.	L.U.S. ...	L.	Married 12 years. Membranes ruptured, no pains. Loop of cord felt through one finger os.
12748	35	M1	36	Transverse lie. Cord presentation	One F.D. One N.D. S.B.	Normal	—	—	5 1	18	L. L.	L.U.S. ...	L.	
13189	25	P.	40	Transverse lie	...	Normal	—	—	6 13	20	L. L.	L.U.S. ...	Spinal	
11959	32	P.	40	Transverse lie	...	Normal	—	—	6 0	20	L. L.	L.U.S. ...	G.A.	
11875	34	P.	37	Toxæmia	...	Normal	—	—	6 10	19	L. L.	L.U.S. ...	L.	Pre-eclamptic toxæmia in a primigravida.

## CÆSAREAN SECTION (continued)

Reg. No.	Age	Gravida	Maturity	Indication	Obstetric History	Pelvis	Duration of Labour			Child	Result	Type of Operation	Anæsthetic	Remarks
							1st st. h. m.	2nd st. h. m.	Weight lb. oz.					
11703	36	P.	37	Toxæmia	...	Normal	...	...	6 12	19	L.	L.	Pre-eclamptic toxæmia in a primigravida.	
11660	38	P.	38	Toxæmia	...	Normal	...	...	6 12	19	L.	L.	Pre-eclamptic toxæmia in a primigravida.	
11710	22	P.	34	Toxæmia	... One miscarriage	Normal	...	...	3 12	—	L.	D.	Pre-eclamptic toxæmia in a primigravida.	
12526	40	M1	42	Toxæmia and postmaturity	... One N.D. 19 years ago	Normal	...	...	7 5	22	L.	L.	Large fibroid in lower segment.	
11666	40	P.	40	Fibroids	...	Normal	...	...	7 9	20	L.	L.	Fibroid larger than fetal head in lower segment.	
11878	40	P.	38	Fibroids—transverse lie	...	Normal	...	...	6 2	20	L.	L.	Cervix two fingers dilated.	
12011	39	P.	38	Rigid cervix	... Two miscarriages	Normal	...	42 0	—	21	L.	L.	No dilatation of cervix in spite of good contractions.	
13277	38	P.	40	Rigid cervix	...	Normal	...	20 15	—	22	L.	L.	Head deeply engaged.	
12864	26	P.	40	Rigid cervix	...	Normal	...	51 10	—	21	L.	L.	Cervix two fingers dilated.	
12874	37	P.	39	Rigid cervix	...	Normal	...	28 0	—	19	L.	L.	No contractions.	
12962	38	M1	42	Rigid cervix	... One breech S.B.	Normal	...	15 10	—	21	L.	L.	Fetal distress in 1st stage of labour.	
13042	33	P.	38	Rigid cervix	...	Normal	...	34 30	—	20	L.	L.	Posterior position.	
13090	39	P.	41	Rigid cervix	... Two miscarriages	Normal	...	18 20	—	21	L.	L.	Married 11 years.	
11639	29	P.	40	Vaginal atresia	...	Normal	...	—	—	20	L.	L.	Sterilisation.	
11817	37	M1	40	Previous Manchester operation	... One F.D. with P.P.H.	Normal	...	—	—	20	L.	L.	Passage of meconium.	
11919	33	P.	41	Foetal distress	... Two miscarriages	Normal	...	32 0	—	20	L.	L.	No contractions.	
13095	41	P.	37	Foetal distress	...	Normal	...	—	—	19	L.	L.	Foetal distress in 1st stage of labour.	
12440	41	P.	40	Foetal distress	...	Normal	...	17 55	—	18	L.	L.	Married 10 years.	
11692	39	P.	40	Elderly primigravida	...	Normal	...	—	—	22	L.	L.	Married 12 years.	
12217	42	P.	40	Elderly primigravida	...	Normal	...	—	—	20	L.	L.	Married 15 years.	
12185	38	P.	40	Elderly primigravida	...	Normal	...	—	—	21	L.	L.	Married 16 years.	
12064	38	P.	40	Elderly primigravida	... Three miscarriages	Normal	...	—	—	20	L.	L.	Married 10 years.	
12914	46	P.	40	Elderly primigravida	...	Normal	...	—	—	20	L.	L.	Married 6 years.	
12922	40	P.	40	Elderly primigravida	...	Normal	...	—	—	22	L.	L.	Married 14 years.	
11809	41	P.	40	Elderly primigravida	...	Normal	...	—	—	20	L.	L.	Married 9 years.	
11859	38	P.	40	Elderly primigravida	...	Normal	...	—	—	20	L.	L.	Myomectomy performed	
11726	41	P.	40	Elderly primigravida	...	Normal	...	—	—	20	L.	L.		
12951	40	P.	40	Elderly primigravida	...	Normal	...	—	—	23	L.	L.		
13083	45	P.	40	Elderly primigravida	...	Normal	...	—	—	20	L.	L.		
13010	40	P.	39	Elderly primigravida	...	Normal	...	—	—	20	L.	L.		
12937	43	P.	36	Elderly primigravida	...	Normal	...	—	—	20	L.	L.		
13068	40	P.	40	Elderly primigravida	...	Normal	...	—	—	20	L.	L.		
13080	37	P.	38	Elderly primigravida	...	Normal	...	—	—	23	L.	L.		

**CÆSAREAN SECTION (continued)**

Reg. No.	Age	Grav. idia	Maturity	Indication	Obstetric History	Pelvis	Duration of Labour		Child		Result	Type of Operation	Anæsthetic	Remarks
							1st st. h. m.	2nd st. h. m.	Weight lb. oz.	Length ins.				
11559	33	P.	41	? Partial rupture of uterus ...	...	Normal	57	0	8	2	22	D. S.B. Classical + Hysterectomy	L.	See Maternal Death No. 11559.
4893	36	M4	40	? Partial rupture of old scar in uterus	N.D. S.B. F.D. S.B. C.S.L. N.D.L.	Small Round	12	0	8	15	22	L. S.B. L.U.S. ...	L. + G.A.	Collapsed in labour with severe hæmorrhage.
12703	35	P.	42	Uterine inertia ...	...	Normal	60	30	9	0	23	L. L. L.U.S. ...	G.A.	Myomectomy at 20 weeks.
12665	46	P.	38	Uterine inertia ...	...	Normal	43	0	6	0	20	L. L. L.U.S. ...	G.A.	
12969	24	P.	40	Uterine inertia ...	...	Normal	65	0	8	1	21	L. L. L.U.S. ...	Spinal Extraperitoneal	
11749	22	P.	39	Disproportion due to size of child ...	Two C.S. ...	Normal	27	20	11	1	23	L. L. L.U.S. ...	G.A.	Very obese patient.
4975	42	M2	38	Obstetric history ...	...	Generally contracted	4	15	4	9	—	L. L. L.U.S. ...	G.A.	Twins.
1864	34	M2	40	Obstetric history ...	Breech S.B. Died 1st stage of labour.	Normal	—	—	7	15	21	L. L. L.U.S. ...	G.A.	
12177	37	M1	40	Obstetric history ...	C.S. Foetal distress Classical C.S. for placenta prævia	Normal	—	—	8	4	21	L. L. L.U.S. ...	G.A.	
10694	35	M1	39	Obstetric history ...	Breech S.B. ...	Normal	—	—	6	14	20	L. L. L.U.S. ...	L.	
12908	28	M1	40	Obstetric history ...	Classical C.S. ...	Normal	—	—	6	14	20	L. L. L.U.S. ...	G.A.	
12805	43	M5	38	Obstetric history ...	4 N.D. 1 miscarriage. General peritonitis	Normal	—	—	5	15	19	L. L. L.U.S. ...	Spinal	Repair of large ventral hernia. Sterilisation.
5301	36	M3	40	Obstetric history ...	F.D.D. N.D. premenstruation. Transverse lie.	Normal	—	—	8	4	22	L. L. L.U.S. ...	Spinal	Very obese. Pfannenstiel incision.
12736	34	M3	39	Obstetric history ...	N.D. S.B. N.D. D. Toxæmia	Normal	—	—	6	8	20	L. L. Classical ...	L.	
10799	36	M1	40	Obstetric history ...	C.S. S.B. ...	Normal	—	—	8	10	22	L. L. L.U.S. ...	G.A.	
18355	27	M2	39	Obstetric history ...	Two F.D.L. difficult	Small round	—	—	7	12	20	L. L. L.U.S. ...	L.	
2441	39	M1	40	Obstetric history and age	One S.B. ...	Normal	—	—	6	9	20	L. L. L.U.S. ...	L.	
2847	30	M4	36	Obstetric history ...	Two S.B. Two N.D.	Normal	—	—	6	12	18	L. L. L.U.S. ...	G.A.	Sterilisation.
2617	37	M3	37	Obstetric history ...	Two N.D. Prem. I.D. One C.S. shoulder presentation	Normal	4	20	7	6	20	L. L. L.U.S. ...	Spinal Sterilisation.	
12203	26	P.	40	Bicornuate uterus—oblique lie ...	...	Normal	5	20	7	4	20	L. L. L.U.S. ...	G.A.	
EMERGENCY CASES														
12406	33	M1	39	Contracted pelvis and disproportion	One C.S. after trial labour	Generally contracted	—	—	7	0	20	L. L. L.U.S. ...	G.A.	
12401	30	P.	40	Contracted pelvis and disproportion	...	Generally contracted	48	0	7	4	21	L. L. L.U.S. ...	Spinal	Trial of labour unsuccessful. Posterior Infantile paralysis both legs.
12459	35	P.	40	Contracted pelvis and disproportion	...	Oblique	—	—	7	12	20	L. L. L.U.S. ...	G.A.	
9433	40	M1	39	Contracted pelvis and disproportion	Previous C.S.	Generally contracted	—	—	7	9	21	L. L. L.U.S. ...	G.A.	
12534	31	M1	40	Contracted pelvis and disproportion	Previous C.S.	Generally contracted	—	—	5	15	19	L. L. L.U.S. ...	G.A.	
12627	35	M1	40	Contracted pelvis and disproportion	Classical C.S. ...	Generally contracted	—	—	8	15	22	L. L. L.U.S. ...	G.A.	
12573	26	P.	41	Contracted pelvis and disproportion	...	Generally contracted	11	0	6	14	20	L. L. L.U.S. ...	G.A.	
12909	31	P.	40	Contracted pelvis and disproportion	...	Small round	—	—	7	5	21	L. L. L.U.S. ...	G.A.	Breech presentation.



## CÆSAREAN SECTION (continued)

Reg. No.	Age	Gravida	Maturity	Indication	Obstetric History	Pelvis	Duration of Labour			Child	Result	Type of Operation	Anæsthetic	Remarks
							1st st. h. m.	2nd st. h. m.	Weight lb. oz.					
12767	34	M1	40	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	5 7	20	L.	L.U.S. ...	G.A.	
7859	30	M2	39	Contracted pelvis and disproportion	Two C.S. ...	Generally contracted	—	—	7 4	21	L.	L.U.S. ...	Evipan Sterilisation.	
12921	37	P.	40	Contracted pelvis and disproportion	One F.D. ...	Small round	—	—	7 3	20	L.	L.U.S. ...	G.A.	Breech presentation.
8516	29	M2	39	Contracted pelvis and disproportion	One C.S. ...	Generally contracted	—	—	9 0	23	L.	L.U.S. ...	G.A.	
12485	26	P.	41	Contracted pelvis and disproportion	... ..	General contracted	49 0	—	7 14	20	L.	L.U.S. ...	G.A.	Trial labour unsuccessful.
1299	27	M1	40	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	7 8	20	L.	L.U.S. ...	G.A.	
12462	37	M1	40	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	6 8	20	L.	L.U.S. ...	G.A.	
9224	24	M1	39	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	6 5	20	L.	L.U.S. ...	G.A.	
13056	35	P.	39	Contracted pelvis and disproportion	One miscarriage ...	Small round	—	—	7 3	20	L.	L.U.S. ...	G.A.	
10325	31	M4	38	Contracted pelvis and disproportion	Three F.D. all S.B. ...	Generally contracted	—	—	7 5	20	L.	L.U.S. ...	G.A.	Very obese. Pfannenstiel incision.
10283	25	M1	38	Contracted pelvis and disproportion	One C.S. ...	Generally contracted	—	—	7 6	20	L.	L.U.S. ...	L.	
11317	30	P.	40	Contracted pelvis and disproportion	Previous C.S. ...	Funnel ...	—	—	7 10	20	L.	L.U.S. ...	G.A.	
11568	28	P.	40	Contracted pelvis and disproportion	... ..	Generally contracted	14 40	—	8 13	20	L.	L.U.S. ...	G.A.	Dystocia Dys trophy syndrome. Contraction ring. Fœtal distress. Admitted after 21 hours in labour.
11442	31	P.	42	Contracted pelvis and disproportion	... ..	Flat ...	22 30	—	8 9	22	L.	L.U.S. ...	L.	
11309	43	M2	39	Contracted pelvis and disproportion	One S.B. ...	Generally contracted	—	—	9 10	22	L.	L.U.S. ...	G.A.	
11670	38	M1	40	Contracted pelvis and disproportion	One S.B. ...	Flat	—	—	7 7	20	L.	L.U.S. ...	G.A.	
11773	32	M2	39	Contracted pelvis and disproportion	Two C.S. ...	Generally contracted	—	—	7 2	20	L.	L.U.S. ...	G.A.	
8519	31	M1	39	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	6 7	20	L.	L.U.S. ...	G.A.	
12059	25	P.	40	Contracted pelvis and disproportion	... ..	Small round	22 55	—	6 1	20	L.	L.U.S. ...	Spinal	Fœtal distress during trial labour.
11947	23	P.	40	Contracted pelvis and disproportion	... ..	Flat ...	19 0	—	8 3	21	L.	L.U.S. ...	G.A.	
12085	32	P.	39	Contracted pelvis and disproportion	... ..	Small round	—	—	6 14	20	L.	L.U.S. ...	G.A.	
12095	21	P.	40	Contracted pelvis and disproportion	... ..	Flat ...	—	—	7 0	20	L.	L.U.S. ...	L.	
12251	35	M1	40	Contracted pelvis and disproportion	One N.D. ...	Generally contracted	11 15	—	8 6	21	L.	L.U.S. ...	G.A.	Contraction ring. Admitted after 10½ hours in labour.
2863	30	M1	38	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	25 0	—	8 12	21	L.	L.U.S. ...	Spinal	
12204	38	M1	39	Contracted pelvis and disproportion	One F.D. S.B. ...	Generally contracted	—	—	8 7	21	L.	L.U.S. ...	L.	Posterior position.
012	32	M2	40	Contracted pelvis and disproportion	Two C.S. ...	Generally contracted	—	—	6 11	20	L.	L.U.S. ...	G.A.	Sterilisation.
12801	31	P.	40	Contracted pelvis and disproportion	... ..	Flat ...	15 45	—	8 8	21	L.	L.U.S. ...	Spinal	Admitted after 14½ hrs. in labour.
12002	33	P.	40	Contracted pelvis and disproportion	... ..	Generally contracted	23 0	—	7 6	20	L.	L.U.S. ...	G.A.	Contraction ring.
12406	33	M1	39	Contracted pelvis and disproportion	One C.S. ...	Generally contracted	—	—	7 0	20	L.	L.U.S. ...	G.A.	
12401	30	P.	40	Contracted pelvis and disproportion	... ..	Generally contracted	48 0	—	7 4	20	L.	L.U.S. ...	Spinal	Trial labour unsuccessful.
12995	29	M1	40	Contracted pelvis and disproportion	One F.D. S.B. ...	Generally contracted	17 0	—	7 6	21	L.	L.U.S. ...	G.A.	Fœtal distress during trial labour.
12789	40	P.	41	Contracted pelvis and disproportion	... ..	Generally contracted	44 30	—	7 0	20	L.	L.U.S. ...	Spinal	Breech presentation.
2836	30	M1	38	Contracted pelvis and disproportion	Previous C.S. ...	Generally contracted	—	—	6 5	20	L.	L.U.S. ...	G.A.	
8764	38	M1	40	Contracted pelvis and disproportion	One N.D. S.B. ...	Conj. 3.7* Generally contracted	—	—	8 13	22	L.	L.U.S. ...	L.	
13279	36	P.	40	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	7 1	20	L.	L.U.S. ...	G.A.	Breech presentation.
13280	30	P.	39	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	7 14	21	L.	L.U.S. ...	G.A.	
13280	30	P.	39	Contracted pelvis and disproportion	... ..	Generally contracted	—	—	7 14	21	L.	L.U.S. ...	G.A.	

CÆSAREAN SECTION (continued)

Reg. No.	Age	Gravida	Maturity	Indication	Obstetric History	Pelvis	Duration of labour			Child	Result	Type of Operation	Anasthetic	Remarks
							1st st. h. m.	2nd st. h. m.	Weight lb. oz. ins.					
13265	34	M1	39	Contracted pelvis and disproportion	One C.S. ...	Generally contracted	—	—	7 4	20	L. L. L.U.S. ...	L.	Small stature. Height 4' 7". Old T.B. hip.	
13269	31	M1	39	Contracted pelvis and disproportion	One N.D. Premature	Generally contracted.	—	—	6 13	20	L. L. L.U.S. ...	L.		
13199	34	P.	38	Contracted pelvis and disproportion	...	Conj. 3.5".	—	—	6 0	20	L. L. L.U.S. ...	L.		
11528	30	P.	40	Contracted pelvis and disproportion	...	Flat. Conj. 3.4"	53	10	7 8	20	L. L. L.U.S. ...	L.		
11877	37	P.	37	Cardiac disease. Mitral stenosis	...	Normal	—	—	5 12	19	L. L. L.U.S. ...	L.	Signs of decompensation. Sterilisation.	
13352	35	M3	38	Cardiac disease. Mitral stenosis	Three N.D. ...	Normal	—	—	6 6	20	L. L. L.U.S. ...	L.	Sterilisation.	
9603	28	M1	37	Placenta Prævia	One N.D. Died 3/15 old	Normal	—	—	7 7	20	L. L. L.U.S. ...	L.	Central placenta præ ia. Post-partum hæmorrhage.	
11768	41	M1	37	Placenta prævia	One N.D. ...	Normal	—	—	5 15	19	L. L. L.U.S. ...	L.	Abdominal diagnosis.	
6521	30	M1	32	Placenta prævia	One N.D. S.B. Accidental hæmorrhage	Normal	—	—	3 12	17	L. L. L.U.S. ...	L.	Abdominal diagnosis. Brisk loss with clots transfused before operation. Central placenta prævia.	
12915	29	P.	38	Placenta prævia	...	Normal	—	—	7 0	20	L. L. L.U.S. ...	Spinal	Low lateral. Repeated small losses after external version.	
13088	38	M6	36	Placenta prævia	...	Normal	—	—	3 7	15	L. D. L.U.S. ...	L.	Central placenta prævia. Abdominal diagnosis.	
13374	39	M6	40	Placenta prævia	...	Normal	—	—	3 8	16	L. D. L.U.S. ...	L.	Twins.	
13081	38	P.	39	Breech and age	...	Normal	—	—	6 9	20	L. L. L.U.S. ...	L.	Central placenta. Abdominal diagnosis.	
13271	38	P.	40	Breech and age	...	Normal	—	—	6 14	20	L. L. L.U.S. ...	Spinal	Very obese. Pfannenstiel incision.	
12463	42	P.	40	Breech and age	...	Normal	—	—	6 11	20	L. L. L.U.S. ...	G.A.		
12373	31	M1	38	Transverse lie	One F.D. S.B.	Normal	—	—	7 1	20	L. D. L.U.S. ...	G.A.		
11676	44	M3	40	Transverse lie	Three N.D. ...	Normal	—	—	7 13	20	L. L. L.U.S. ...	G.A.	Baby—encephalocele. Died 3 days old.	
12337	25	P.	42	Shoulder presentation	...	Normal	37	10	9 3	22	L. L. L.U.S. ...	G.A.	Very obese. Pfannenstiel incision. Admitted after 36½ hrs. in labour. Fetal distress.	
11701	38	M1	39	Toxæmia	One S.B. Eclampsia...	Normal	—	—	6 1	20	L. L. L.U.S. ...	G.A.	Pre-eclamptic toxæmia in a primigravida.	
11880	29	P.	35	Toxæmia	...	Normal	—	—	4 3	17	L. L. L.U.S. ...	L.		
12621	33	P.	36	Toxæmia	...	Normal	—	—	4 0	18	L. L. L.U.S. ...	L.	Evipan Pre-eclamptic toxæmia in a primigravida.	
12398	21	P.	36	Toxæmia	...	Normal	—	—	4 10	18	L. L. L.U.S. ...	L.	Pre-eclamptic toxæmia in a primigravida.	
12906	39	P.	38	Toxæmia and thyrotoxicosis	...	Normal	—	—	4 6	18	L. L. L.U.S. ...	G.A.	See Maternal Death No. 12906.	
13084	33	P.	30	Toxæmia	...	Normal	—	—	2 8	14	L. D. L.U.S. ...	L.	Pre-eclamptic toxæmia in a primigravida.	
12761	42	M1	32	Toxæmia	One N.D. ...	Normal	—	—	2 12	14	L. L. L.U.S. ...	L.	Pre-eclamptic toxæmia in a primigravida.	

## CÆSAREAN SECTION (continued)

Reg. No.	Age	Grav-ity	Maturity	Indication	Obstetric History	Pelvis	Duration of Labour			Child		Result M. C.	Type of Operation	Anæsthetic	Remarks
							1st st. h. m.	2nd st. h. m.	Weight lb. oz.	Length ins.	Temperature				
11780	30	P.	40	Fibroid in lower segment	...	Normal	...	...	...	...	...	L.	L.U.S.	G.A.	Breech presentation.
12174	35	M1	40	Fibroid in lower segment and cervix	... One N.D.	Normal	...	...	...	...	...	L.	L.U.S.	G.A.	White leg. Pulmonary emboli.
13128	43	M3	40	Fibroid in lower segment and cervix	Three N.D.	Normal	...	12 10	—	6 10	20	L.	L.U.S.	G.A.	Admitted in labour. Contraction ring formed.
12634	24	P.	40	Rigid cervix	...	Normal	...	79 50	—	6 15	19	L.	L.U.S.	Spinal	Temperature 102.4° before operation.
12701	38	P.	41	Rigid cervix	... One miscarriage	Normal	...	27 0	—	8 11	22	L.	L.U.S.	G.A.	
12673	31	P.	41	Rigid cervix	...	Normal	...	61 10	—	6 13	20	L.	L.U.S.	G.A.	
12770	30	P.	41	Rigid cervix	...	Normal	...	40 0	—	8 13	22	L.	L.U.S.	G.A.	
11308	39	M2	39	Previous Manchester operation	... One N.D. One S.B.	Normal	...	—	—	7 14	21	L.	L.U.S.	G.A.	
12460	40	M2	38	Previous Manchester operation	... One F.D. One N.D.	Normal	...	—	—	7 2	20	L.	L.U.S.	G.A.	Sterilisation.
12228	35	M1	35	Foetal distress	... One N.D. Premature died	Normal	...	14 0	—	6 8	20	L.	L.U.S.	L.	
12324	29	P.	40	Foetal distress	...	Normal	...	—	—	7 2	20	L.	L.U.S.	L.	Membranes ruptured 6 hours. No contractions. Liquor. Heavily meconium stained.
12286	24	P.	39	Foetal distress	...	Normal	...	29 45	—	8 4	21	L.	L.U.S.	Spinal	
12979	29	P.	40	Uterine inertia	... One miscarriage	Normal	...	100 0	—	7 11	20	L.	L.U.S.	Spinal	Posterior position.
12510	35	P.	41	Uterine inertia	... One miscarriage	Normal	...	65 45	—	8 6	21	L.	L.U.S.	L.	Posterior position.
13254	32	M1	38	Diabetes	... One N.D. S.B.	Normal	...	—	—	9 6	23	L.	L.U.S.	L.	
12917	25	P.	36	Alcoholic jaundice. Gross anæmia	...	Normal	...	—	—	7 4	20	L.	L.U.S.	L.	Multiple blood transfusions before C.S. Hæmoglobin remained 30% Splenectomy 7th day of puerperium.
12457	35	M4	40	Obstetric history	... Four N.D. Premature Two died	Normal	...	—	—	7 3	20	L.	L.U.S.	L.	Rh. negative. Sterilisation.
6642	33	M1	39	Obstetric history	... One C.S. for pre-eclamptic toxæmia	Normal	...	—	—	7 6	21	L.	L.U.S.	Evipan L.	
12741	31	M2	38	Obstetric history	... One F.D. D. One C.S. D.	Normal	...	—	—	7 6	20	L.	L.U.S.	L.	Rh. negative with antibodies. Sterilisation.

### CÆSAREAN SECTION (continued)

Reg. No.	Age	Grav-ida	Maturity	Indication	Obstetric History	Pelvis	Duration of Labour		Child		Result M. C.	Type of Operation	Anæsthetic	Remarks
							1st st. h. m.	2nd st. h. m.	lb. oz.	ins.				
11714	37	P.	39	Obstetric history	... Four miscarriages at 6/12	... Normal	...	...	6 0	20	L.	L.U.S. ...	G.A.	
11311	35	M2	38	Obstetric history	... One N.D.D. One S.B.	... Normal	...	...	7 15	20	L.	L.U.S. ...	G.A.	
11315	43	P.	40	Obstetric history	... Three miscarriages	... Normal	...	...	7 2	20	L.	L.U.S. ...	G.A.	
12191	26	M3	38	Obstetric history	... Three premature S.B.	... Normal	...	...	5 4	19	L.	L.U.S. ...	L.	
13171	31	M1	40	Obstetric history	... Macerated	... Normal	...	...	8 14	22	L.	L.U.S. ...	G.A.	
12615	38	P.	38	Elderly primigravida	... Classical C.S. for placenta prævia	... Normal	...	...	6 10	20	L.	L.U.S. ...	G.A.	Parkinsonism.
12458	40	P.	40	Elderly primigravida	... Normal	... Normal	...	...	6 9	20	L.	L.U.S. ...	G.A.	
11684	38	P.	40	Elderly primigravida	... Normal	... Normal	...	...	7 2	20	L.	L.U.S. ...	G.A.	
12393	40	P.	42	Elderly primigravida	... Normal	... Normal	...	...	9 12	23	L.	L.U.S. ...	G.A.	Married 13 years.
12596	39	M	40	Cord presentation	... Four N.D. One F.D.	... Normal	3 30	...	7 4	20	L.	L.U.S. ...	L.	

### EMBRYOTOMY

Reg. No.	Age	Grav-ida	Maturity	Indication	Treatment	Duration of Labour		Weight Result		Remarks	
						1st st. h. m.	2nd st. h. m.	lb. oz.	to Mother		
EMERGENCY CASES											
13073	32	P.	40	Maternal distress	... Perforation and cleidotomy	... Normal	9 0	2 30	6 4	L.	Intra-uterine death.
13294	29	P.	40	Maternal distress	... Perforation and cleidotomy	... Normal	39 10	1 30	7 5	L.	Baby died 1st stage of labour.

## OTHER ABDOMINAL OPERATIONS

B. or E.	Reg. No.	Indication	Result to Mother
B.	11818	Hysterotomy for cardiac disease	L.
B.	11695	Hysterotomy and sterilisation for cardiac disease	L.
B.	12184	Hysterotomy for active phthisis	L.
B.	7739	Hysterotomy and sterilisation for toxæmia	L.
B.	13192	Hysterotomy for toxæmia	L.
B.	11653	Hysterotomy and sterilisation for toxæmia	L.
B.	11113	Hysterotomy and sterilisation for nephrosis	L.
B.	11646	Sterilisation for cardiac disease	L.
B.	11708	Sterilisation for cardiac disease	L.
B.	13181	Sterilisation for cardiac disease	L.
E.	12181	Hysterotomy for cardiac disease	L.
E.	12388	Hysterotomy and sterilisation for cardiac disease	L.
E.	11709	Hysterotomy and sterilisation for cardiac disease	L.
E.	11689	Hysterotomy and sterilisation for toxæmia	L.
E.	11950	Hysterotomy and sterilisation for toxæmia	L.
E.	11566	Reposition of partial inversion of uterus	L.
E.	12917	Splenectomy 8th day of puerperium after L.U.S. Caesarean for Acholuric jaundice	L.
E.	12912	Hysterectomy for fibroid uterus, hydrocephalic foetus—diabetic patient	L.

## ABORTIONS

## A.—Spontaneous Abortions

B. or E.	Reg. No.	Grav-ida	Matur-ity	Causation	Mother	Remarks
B.	3874	M1	26	Unknown	L.	
B.	12644	M2	27	Unknown	L.	
B.	11417	P.	24	Unknown	L.	
E.	12519	P.	12	Unknown	L.	Inevitable abortion.
E.	12616	M2	19	Maceration	L.	Toxæmia.

## B.—Induced Abortions

B. or E.	Reg. No.	Grav-ida	Matur-ity	Indication	Method	Mother	Remarks
B.	11818	M3	27	Cardiac disease	Abdominal hysterotomy	L.	Auricular fibrillation.
B.	11695	P.	26	Cardiac disease	Abdominal hysterotomy	L.	Auricular fibrillation. Sterilisation.
B.	12184	P.	18	Active phthisis	Abdominal hysterotomy	L.	
B.	7739	M3	20	Toxæmia	Abdominal hysterotomy	L.	Chronic nephritis. Sterilisation.
B.	13192	P.	19	Toxæmia	Abdominal hysterotomy	L.	Chronic nephritis.
B.	11653	M1	20	Toxæmia	Abdominal hysterotomy	L.	Chronic nephritis. Sterilisation.
B.	11113	M3	27	Toxæmia	Abdominal hysterotomy	L.	Nephrosis. Sterilisation.
E.	12181	P.	24	Cardiac disease	Abdominal hysterotomy	L.	Mitral stenosis.
E.	12388	M5	24	Cardiac disease	Abdominal hysterotomy	L.	Mitral stenosis. Sterilisation.
E.	11709	P.	26	Cardiac disease	Abdominal hysterotomy	L.	Branch bundle block. Sterilisation.
E.	11689	M1	26	Toxæmia	Abdominal hysterotomy	L.	Chronic nephritis.
E.	11950	M8	26	Toxæmia	Abdominal hysterotomy	L.	Sterilisation.
E.	11813	P.	25	Toxæmia	Stomach tube	L.	Chronic nephritis.

## ADMITTED AFTER DELIVERY

B. or E.	Reg. No.	Reason for Admission	Mother	Remarks
B.	7646	Baby born in ambulance	L.	
B.	11587	Baby born in ambulance	L.	
B.	11626	Baby born in ambulance	L.	
B.	11581	Baby born in ambulance	L.	
B.	7464	Baby born in ambulance	L.	
B.	9202	Baby born in ambulance	L.	
B.	12564	Baby born in ambulance	L.	
B.	12829	Baby born in taxi	L.	
B.	11490	Baby born in ambulance	L.	
E.	11831	Retained placenta	L.	Crédé's expression.
E.	12447	Retained placenta	L.	Crédé's expression. Transfused.
E.	11829	Retained placenta	L.	Manual removal. Transfused before and after admission.
E.	12227	Retained placenta	L.	Manual removal. Transfused before and after admission.
E.	12488	Retained placenta	L.	Manual removal. Transfused before and after admission.
E.	13106	Retained placenta	L.	Manual removal. Transfused before and after admission.
E.	12994	Retained placenta	L.	Manual removal. Transfused in hospital.
E.	12417	Retained placenta and complete perineal tear	L.	Manual removal. Transfused before and after admission. Perineum repaired 24 hours later.
E.	12168	For repair of perineum	L.	Complete perineal tear.
E.	13140	For repair of perineum	L.	Secondary suture of 2nd degree tear.
E.	12337	For renal investigation	L.	Cystoscopy and retrograde pyelogram.

### MATERNAL MORBIDITY

All fatal cases, and all cases in which a temperature of 100.4°F. (38°C.) or more is sustained for a period of 24 hours or recurs during that period (Ministry of Health Standard).

#### Booked Cases

Treated in Hospital	...	...	...	...	...	1,727
Deaths	...	...	...	...	...	4
Pyrexial cases	...	...	...	...	...	32
Deaths and pyrexial cases	...	...	...	...	...	36
Morbidity	...	...	...	...	...	2.08%

#### Emergency Cases

Treated in Hospital	...	...	...	...	...	646
Deaths	...	...	...	...	...	3
Pyrexial cases	...	...	...	...	...	34
Deaths and pyrexia cases	...	...	...	...	...	37
Morbidity	...	...	...	...	...	5.7%

#### Total Cases

Treated in Hospital	...	...	...	...	...	2373
Deaths	...	...	...	...	...	7
Pyrexial cases	...	...	...	...	...	66
Deaths and pyrexial cases	...	...	...	...	...	73
Morbidity	...	...	...	...	...	3.08%

### CASES OF MATERNAL MORBIDITY

#### PYREXIAL CASES

Mode of Delivery	Causation	Booked	Emergency
Natural forces	Local uterine sepsis	2	5
	Urinary infection	—	2
	Mastitis	5	—
	Phlebitis	—	1
	Influenza	3	3
	Respiratory infection	1	—
Forceps delivery	Reaction to blood transfusion	2	1
	Local uterine sepsis	2	2
	Urinary infection	1	3
	Mastitis	—	1
	Phlebitis	—	—
	Influenza	—	—
Caesarean Section	Respiratory infection	3	—
	Reaction to blood transfusion	—	—
	Local uterine sepsis	3	4
	Urinary infection	2	4
	Mastitis	4	—
	Phlebitis	—	1
	Influenza	—	—
	Respiratory infection	2	2
Wound infection	2	3	
Reaction to blood transfusion	—	1	
		32	34

## MATERNAL MORTALITY

Of the 1,727 patients admitted from the Ante-Natal Department 4 died, a mortality of 0.23%.

Of the 646 patients admitted as emergencies, 3 died, a mortality of 0.46%.

The mortality of the whole Hospital is therefore 0.29%.

The deaths were due to the following causes:—

### Booked Cases

1. Intra-partum septicæmia.
2. Cardiac failure—mitral stenosis.
3. Obstetric shock—retained placenta.
4. Pulmonary embolism.

### Emergency Cases

1. Cardiac failure—thyrotoxic crisis.
2. Uræmia—eclampsia.
3. Sub-acute bacterial endocarditis.

## DETAILS OF THE 8 MATERNAL DEATHS

### BOOKED CASES

#### No. 11559 Intra-partum Septicæmia

L.G., aged 33. Primigravida.

Attended ante-natal Clinic regularly. Admitted 1/1/44 to ante-natal ward, high head near term, for observation. Examined in labour ward 15/1/44. Head one-third in brim; pelvis satisfactory. Membranes ruptured in front of head. Labour commenced 17/1/44 at 1-15 p.m., and continued with slow dilatation of cervix and head well down, until 2-30 p.m., 19/1/44, when a severe rigor occurred. Temp. 101.4°, pulse 112. Prontosil given by mouth. 3-30 p.m.: Temp. 103°, pulse 144. Blood culture taken. 4-30 p.m.: Erythema of whole body. Patient restless, pulse rapid but fairly good volume, having short contractions every 10 minutes. Cervix 4 fingers dilated. 6 p.m.: Marked pallor, very restless, rapid feeble pulse. Fœtal heart not heard. Regular contractions felt. Blood transfusion given. 6-45 p.m.: Distension of upper abdomen, no tenderness of uterus, no free fluid detected. Pallor and restlessness still marked. Appeared to have hæmorrhage. Source? partial rupture of uterus. No external bleeding. 7-50 p.m.: Condition not improved with transfusion, distension of abdomen more marked. Pulse feeble. Plasma drip given. 8-45 p.m.: Condition slightly improved, better colour and not so restless. Vaginal examination (first since A.R.M. 15/1/44). Head low, rim of cervix. No bleeding on examination. 10 p.m. Since patient's condition was desperate and in view of feature suggesting internal hæmorrhage it was decided as a last resort to perform laparotomy. Cæsarean hysterectomy under local anæsthesia. Small amount of free blood-stained fluid in peritoneal cavity. Stomach and intestines very distended. Uterus opened by classical incision, child extracted. Sub-total hysterectomy performed. No rupture found in uterine wall. Patient died at 10-35 p.m. just before closure of abdomen.

Post mortem: Numerous petechial hæmorrhages over mesentery and gut. Spleen three times normal size. Splenic culture grew B. Coli.

#### No. 11951 Cardiac Failure. Mitral Stenosis

E.K., aged 31. Primigravida

Admitted to ante-natal ward 20/3/44 at 28th week of pregnancy with mitral stenosis, showing signs of decompensation—cyanosis, dyspnœa, and œdema. Condition improved and patient was transferred to Convalescent Hospital on 5/5/44, and was readmitted on 27/5/44. Her general condition was good, and she went spontaneously into premature labour on 31/5/44. She showed no evidence of distress during labour, which lasted 5 hours 10 minutes, and the second stage was terminated by a low forceps delivery. Patient's condition was satisfactory for the first 4 days of the puerperium, and then signs of decompensation occurred; these became more marked, and on the 17th day her condition became rapidly worse and she died on the 18th day.

Permission for post mortem not granted.

**No. 11883 Obstetric Shock. Retained Placenta**

A.S., aged 40. Multipara 2.

Admitted from ante-natal clinic at term with hypertension but no albuminuria. Hydramnios. girth 46", vertex presenting, freely mobile. Membranes were ruptured on 17/3/44 with Drew Smythe catheter and seven pints of liquor drained off. Labour commenced evening of 19/3/44 and cord prolapsed 10-15 a.m., 20/3/44. On vaginal examination left arm was prolapsed and loop of pulsating cord at the vulva, rim of cervix only. Under general anæsthesia, open ether, internal version and breech extraction performed. First degree tear of perineum repaired with two silk worm gut stitches. Condition good at completion of delivery. Short brisk loss after delivery of aftercoming head, but no further loss until 2 oz. of blood clot at 11-45 a.m. Patient then restless coming round from anæsthetic; pulse 106, good volume. Placenta not yet separated. 12-10 p.m.: Patient suddenly collapsed; marked pallor with tinge of cyanosis; pulse imperceptible. Plasma and blood transfusion commenced. Condition did not improve and at 12-30 p.m. the patient died.

Post mortem: Marked pallor of myocardium. Liver showed fatty degeneration. Uterus, cervix and vagina intact. Placenta had begun to separate at upper border. 3 oz. of retroplacental clot. Bladder normal.

**No. 11570 Pulmonary Embolus**

B.McG., aged 37. Primigravida.

Attended ante-natal clinic regularly. Admitted in labour, membranes intact, head high and freely mobile. Trial of labour for 22 hours; membranes ruptured 9 hours; head still high. Cæsarean Section decided upon. Water's extraperitoneal operation performed under general anæsthesia. Puerperium normal, abdominal wound healed by first intention. On 14th day patient asked for a bed pan, became cyanosed, dyspnoic and complained of pain in her chest. Condition improved with morphia and oxygen, but patient suddenly vomited, became rapidly worse, and died within 2 hours of first attack.

Permission for post mortem not granted.

**EMERGENCY CASES****No. 12906 Cardiac Failure—Thyrotoxic Crisis**

E.A., aged 39. Primigravida.

Admitted at 34th week of pregnancy with toxæmia. Toxic goitre for 22 years. No improvement in toxæmia after treatment for two weeks. Cæsarean Section decided upon in view of mother's age, general condition, toxæmia and premature infant. Lower segment Cæsarean Section performed under gas, oxygen and pentothal anæsthesia. Puerperium was normal, patient due to be discharged on her 18th day. Evening of the 17th day she complained of pain in her left calf, internal saphenous vein palpable at level of the knee. The leg was immobilised and the vein subsided in three days. On the evening of 21st day after operation the patient collapsed, marked pallor, cold and sweating, did not complain of pain anywhere. No physical sign in chest. Treated with sedatives and Lugol's iodine. Pulse remained rapid and volume poor. Slight improvement in condition on 22nd day. Relapse on 23rd day, and patient died within a few moments.

Permission for post mortem not granted.

**No. 13034 Eclampsia**

B.J., aged 23. Primigravida.

Admitted as emergency with severe toxæmia at 32nd week of pregnancy. Marked improvement after 24 days' treatment, patient discharged home to bed in care of own doctor. Readmitted two weeks' later B.P. 170/100, urine solid with albumin. Artificial rupture of membranes on 3rd day. Labour commenced the same evening, duration of labour 5 hours. Eclamptic fit occurred at end of first stage. Morphia given. Rapid second stage, 5 minutes, second fit occurred when head crowned. Intra-venous magnesium sulphate 10 cc. 20% given. 3rd stage satisfactory. Patient restless and semicomatose, pulse rapid and fair volume. Catheter inserted. No urine withdrawn. B.P. 210/130. No further fits but condition gradually deteriorated. Patient became comatose and died 9 hours after delivery.

Permission for post mortem not granted.

**No. 12727 Sub-acute Bacterial Endocarditis**

J.B., aged 28. Multipara 2.

Admitted as emergency at 24th week of pregnancy with history of loss of weight, œdema of ankles and severe headaches. Chest X-ray nil. Heart: Systolic thrill and blowing murmur in mitral area. Evidence of anæmia. No evidence of abdominal or renal new growth. Low grade pyrexia and hæmaturia developed one month after admission. General condition deteriorating; now considered to be a case of low grade infective endocarditis (blood cultures sterile). Spontaneous onset of labour at 32nd



week. Normal delivery ; duration of labour 50 minutes. Condition rapidly deteriorated after delivery and patient died 8th day of puerperium.

Post mortem : Heart extensive vegetations up to  $\frac{3}{4}$ " long on the mitral valve, and small vegetations spreading to the wall of the left auricle. Infarcts in spleen and kidneys.

#### DISTRICT CASE

##### **Obstetric Shock, Intra-partum Hæmorrhage, Retained Placenta**

S.M.I., aged 31. Multipara 5.

Attended one of the Corporation Ante-Natal Clinics, booked for delivery with Hospital District Midwife. Normal delivery at term. Severe loss, approximately two pints, half an hour after delivery of child, followed by slow steady trickle with passage of clots. Hospital doctor informed, and on arrival found patient unconscious, restless, appeared exsanguinated and to have air hunger. Simultaneous plasma and blood transfusions started, intravenous coramine given. No loss vaginally, and uterus fairly good tone. Condition did not improve in spite of transfusion, and patient died within 20 minutes of arrival.

## PAEDIATRIC SECTION

This section of the Report deals with the portion of the work under the control of the Honorary Consulting Pædiatric Physician (Professor N. B. Capon), assisted by the Pædiatric Clinical Assistant (Dr. Helen M. Duvall). It includes all the infants born in the Hospital.

### INFANT MORTALITY

Infants born (alive 2,227, stillborn 78)	2,305
Infants survived	2,195
Stillbirths	78
Neonatal deaths	32
Total infant deaths (neonatal deaths and stillbirths)	110

The total infant mortality rate (neo-natal deaths and stillbirths) equals 4.7 per cent of infants born, excluding abortions.

### STILLBIRTHS

The stillbirths are divided into two groups:—

- (1) Premature or immature, weighing  $5\frac{1}{2}$  lb. or less.
- (2) Full time or mature, weighing over  $5\frac{1}{2}$  lb.

In this way some indication is given of the correlation between the various maternal conditions associated with the stillbirths and the maturity of the foetus. Owing to the war it has not been possible to perform an autopsy on every stillborn infant, hence the frequent use of the term asphyxia.

There were 78 stillbirths, 3.3 per cent of total births; 44 were premature and 34 full time; 25 were macerated.

### Analysis

Cause	No. of Cases	Per-centage	Pre-mature	Full-time
Toxæmia of pregnancy	19	24.39	12	7
Obstetrical difficulties and complications of labour	15	19.23	1	14
Monsters and malformations	11	14.10	9	2
Concurrent maternal disease—				
Acute	—		—	—
Chronic	5	6.41	5	—
Rh. factor	4	5.12	1	3
No apparent maternal or foetal cause	24	30.75	16	8
	<u>78</u>	<u>100.00</u>	<u>44</u>	<u>34</u>

MATERNAL	PREMATURE	FOETAL	MATURE
Albuminuria ... 8	Macerated ... 5 Asphyxia ... 2		Macerated ... 1
	<u>7</u>		
Accidental hæmorrhage 10	Asphyxia ... 4 Macerated ... 1		Asphyxia (one Cæsarean)... 4 Macerated ... 1
	<u>5</u>		<u>5</u>
Eclampsia ... 1			Asphyxia ... 1
Hydramnios ... 5	Anencephaly ... 4 Anencephaly and spina bifida ... 1		
	<u>5</u>		
Cardiac ... 3	Hysterotomy ... 2 Asphyxia ... 1		
	<u>3</u>		

## Analysis—continued.

MATERNAL		FOETAL		
		PREMATURE	MATURE	
Chronic nephritis ...	1	Hysterotomy ...	1	
Syphilis ...	1	Macerated ...	1	
Rh. factor -ve in all...		Hydrops foetalis ...	1	Foetal ascites, macerated ... 1
Rh. antibody present in 2 ...	4			Macerated ... 2
				<hr/> 3
Malpresentation ...	5			Cerebral hæmorrhage and tentorial laceration ... 2
				Cerebral hæmorrhage ... 1
				Cerebral congestion ... 1
				Asphyxia ... 1
				<hr/> 5
Disproportion ...	3			Cerebral hæmorrhage ... 2
				Asphyxia ... 1
				<hr/> 3
Prolonged labour ...	4			Cerebral hæmorrhage, tentorial laceration, fracture of humerus ... 1
				Asphyxia ... 2
				Cerebral hæmorrhage ... 1
				<hr/> 4
Placenta prævia ...	1	Asphyxia ...	1	Asphyxia ... 2
Prolapse of cord ...	2			
Cause unknown ...	30	Anencephaly ...	3	Macerated ... 5
		Asphyxia (one first twin)...	9	Asphyxia ... 3
		Macerated (both twins and one of twins) ...	3	Hydrocephaly, macerated 1
		Multiple deformities ...	1	Hydrocephaly and Spina bifida ... 1
		Macerated ...	4	
			<hr/> 20	<hr/> 10

## NEO-NATAL DEATHS

There were 32 neo-natal deaths out of a total of 2,227 live births, a mortality rate of 1.4 per cent. Of the 32 deaths 11 (34.3 per cent) were mature infants, and 21 (65.6 per cent) were premature or immature, *i.e.*, birth weight of 5½ lb. or less.

## Birth Trauma

Reg. No.	Age	Birth Weight lb. oz.	Delivery	Parity	Nature of Injury
* 8908	3 days ...	6 10	Normal ...	M.	Cerebral hæmorrhage.
9192	A few minutes ...	8 14	Cæsarean Section	M.	Symptoms indicative of intracranial injury.
*11589	2 days ...	4 12	Breech ...	P.	Cerebral hæmorrhage.
12542	1 hour ...	7 9	Face presentation. Normal delivery	P.	Symptoms indicative of intracranial injury.

## Atelectasis and Asphyxia

Reg. No.	Age	Birth Weight lb. oz.	Remarks
649	12 hours ...	4 6	B.B.A.
9256	26 hours ...	3 1	Twins. Prolapse of cord.
	24 hours ...	3 2	
* 9689	2 days ...	5 9	Cæsarean Section. Atelectasis.
*11721	8 hours ...	6 1	Cæsarean Section. Atelectasis.
11723	34 hours ...	3 9	Atelectasis. Mother cardiac.
12442	... ..	5 10	Atelectasis—2nd twin.

## Placenta Prævia

Reg. No.	Age	Birth Weight lb. oz.	Mode of Delivery
13088	4½ hours ...	3 7	Cæsarean Section. Twins.
	7½ hours ...	3 8	

## Maternal Toxæmia

Reg. No.	Age	Birth Weight lb. oz.	Maternal State
1113	16 hours ...	3 2	Albuminuria.
11710	36 hours ...	3 12	Albuminuria. Cæsarean Section.
11950	A few hours	1 15	Albuminuria.
12632	2 days ...	3 2	Accidental hæmorrhage.
13084	A few hours	2 8	Eclampsia.

\* Denotes that an autopsy was performed.

## Foetal Malformation

Reg. No.	Age	Birth Weight lb. oz.	Malformation
*12023	2 months	... 4 12	Congenital morbus cordis (2nd twin).
12463	2½ hours	... 7 1	Encephalocele.
12658	6 days ...	... 10 8	Hydrocephaly, spina bifida, talipes.
*12932	½ hour ...	... Prem.	Talipes, intraperitoneal hæmorrhage.

## Hæmorrhagic Disease

Reg. No.	Age	Birth Weight lb. oz.	Remarks
*11819	2 days ...	... 7 0	Severe œdema.

## Erythroblastosis Neonatorum

Reg. No.	Age	Birth Weight lb. oz.	Remarks
*12486	12 hours ...*	... 7 8	Icteric type.

## Infections

Reg. No.	Age	Birth Weight lb. oz.	Remarks
*11425	19 days ...	... 4 4	Broncho-pneumonia.
*12759	9 days ...	... 5 14	Broncho-pneumonia.
*13119	6 days ...	... 5 3	Broncho-pneumonia (1st twin).

## Prematurity

Reg. No.	Age	Birth Weight lb. oz.	Remarks
11818	24 hours ...	... 2 12	Cæsarean Section for cardiac.
11979	2 days ...	... 2 12	
12146	5 hours ...	... 1 15	
12826	4 days ...	... 3 5	Maternal Wassermann negative.
11529	Not stated	... 3 3	2nd twin.

\* Denotes that an autopsy was performed.

## AUTOPSIES

There were 11 performed, *i.e.*, on 34.4 per cent of the infants who died.

Reg. No.	Age	Ante-mortem Diagnosis	Post-mortem findings
8908	3 days ...	Congenital morbus cordis ...	Cerebral hæmorrhage.
9689	2 days ...	Atelectasis ...	Atelectasis.
11425	19 days ...	Sudden death... ..	Broncho-pneumonia.
11589	2 days ...	Atelectasis ...	Cerebral hæmorrhage.
11721	8 hours ...	Atelectasis ...	Atelectasis.
11819	2 days ...	Hæmorrhagic disease ...	Intestines filled with blood.
12023	2 months ...	Anæmia ...	Congenital morbus cordis.
12486	12 hours ...	Icterus gravis... ..	Generalised jaundice.
12759	9 days ...	Broncho-pneumonia ...	Broncho-pneumonia.
12931	½ hour ...	Atelectasis ...	Intra-peritoneal hæmorrhage.
13119	6 days ...	Broncho-pneumonia ...	Broncho-pneumonia.

## CONGENITAL DEFORMITIES

(Not mentioned elsewhere)

### Congenital Morbus Cordis

Reg. No.	Birth Weight lb. oz.	Type	Remarks
12023	4 12	Acyanotic ...	Lived 2 months, anæmic. Died after blood transfusion. Patent I.V.S.

### Mongoloid Defect

Reg. No.	Birth Weight lb. oz.	Sex	Age of Mother	Parity	Remarks
684	6 10	F.	36	9-para	Typical facies.
12305	5 10	F.	38	P.	Slight degree.
12351	4 13	F.	43	2-para	Moderate degree.
12603	5 1	F.	37	P.	Typical facies.
12729	5 11	M.	43	P.	Typical facies.
12833	6 6	M.	29	P.	Typical facies.
12965	6 15	M.	26	2-para	Typical facies.

In none of these infants was there any evidence of cardiac abnormality.

### Head and Spine

Reg. No.	Birth Weight lb. oz.	Deformity	Remarks
10088	6 12	Spina bifida, meningocele, talipes ...	...
11577	6 7	Lumbo-sacral meningocele. Bilateral talipes...	...
11784	7 3	Pedunculated lumbo-sacral meningocele ...	...
12463	7 1	Encephalocele ...	Lived 2½ hours.
12658	10 8	Spina bifida. Hydrocephaly, talipes ...	Lived 6 days.
11790	6 3	Spina bifida ...	Slight case.

## Minor Deformities

Malformation	No. of Cases	Malformation	No. of cases
Talipes equino-varus ...	12	Hypospadias ...	1
Pes calcaneo-valgus ...	1	Undescended testicles ...	5
Microdactyly, partial syndactyly ...	1	Cutis navel ...	1
Supernumerary digit (hand) ...	1	Divarication of recti ...	1
Supernumerary auricles ...	1	Neurenteric pore ...	2
Craniotabes ...	2	Capillary nævi ...	2
Harelip and cleft palate ...	1	Venous nævus ...	1
Cleft palate ...	1	Premature eruption of lower incisors ...	2
Micrognathy ...	1	Tongue tie ...	2

## BIRTH TRAUMA

### Intracranial Injury

4 fatal cases (see under Deaths).

5 cases survived. The treatment given was rest, quiet, sedatives and oxygen inhalations. Feeding was expressed breast milk, and they were only allowed to go to the breast when recovery was judged to be adequate.

Reg. No.	Birth Weight lb. oz.	Symptoms	Delivery	Parity
9520	8 5	Twitching, cyanosis, nystagmus ...	Cæsarean Section ...	M.
11816	6 14	Opisthotonos, spasticity, pallor, coma	Forceps ...	P.
12935	9 2	Pallor, dyspnoea, strabismus. Bleeding from ear	Breech with forceps to aftercoming head	M.
13067	7 8	Athetosis, cyanosis, dyspnoea, coma...	Cæsarean Section after prolonged labour	P.

### Injuries to Scalp

#### Cephalhæmatoma.

9 cases, 0.4 per cent of live births. All were first babies. 5 were normal deliveries; 4 instrumental. In 6 cases the right parietal area was affected, in 2 the left parietal, in 1 both parietal areas.

### Injuries to Nerves

#### Facial Paralysis.

2 cases, slight and transient; both were first babies and forceps deliveries.

#### Erb's Paralysis.

4 cases, 2 breech and 2 forceps deliveries; all first babies and all recovered.

### Fractures

#### Skull.

1 case (No. 12,743). Gutter-shaped depression of left parietal bone. Breech delivery; first baby.

## DISEASES OF NEWBORN

### Infections

Disease	No. of Cases	Remarks
Broncho-pneumonia ...	3	All fatal (see under Deaths).
Infective hepatitis...	1	Case No. 12105. Died after discharge. Anæmic and icteric, but blood picture not due to Rh. factor. W.R. negative.
Paronychia ...	3	
Breast abscess ...	3	
Stomatitis ...	3	
Conjunctivitis ...	33	7 staph. aureus, 17 staph. albus, 2 diptheroids, 7 no organism found.
Gonococcal ophthalmia ...	3	Neisser's organism found in smear and culture.
Abscess of scalp ...	1	
Septic pustules and blebs ...	23	
Abscess of buttock ...	1	
Pemphigus neonatorum ...	6	All mild cases.

### Hæmorrhagic Disease

Reg. No.	Birth Weight lb. oz.	Age at onset	Type	Treatment	Remarks
11819	7 0	2nd day	Severe melæna	Vitamin K	Extreme pallor, melæna followed swiftly by death.
13234	8 11	?	Very large internal cephal-hæmatoma	Vitamin K. Blood transfusion	Severe anæmia, mother and baby Rh. + ve.

### Erythroblastosis Neonatorum

Reg. No.	Birth Weight lb. oz.	Type	Maternal Blood	Infant's Blood	Treatment	Remarks
7410		Anæmic	Rh. negative Rh. antibody —	Rh. positive Erythroblastosis	100 c.c. I.V. Transfusion Rh. negative blood	Recovered.
8980	5 15	Icteric	Rh. negative Rh. antibody + W.R. negative	Rh. positive Erythroblastosis	Two I.V. transfusions of 60 and 100 c.c. of Rh. negative blood	Recovered.
12243	6 10	Icteric	Rh. negative	Rh. positive Erythroblastosis	I.V. Transfusion of 100 c.c. Rh. negative blood	Recovered.
12486	7 8	Icteric	Rh. negative Rh. antibody +	Rh. positive Severe anæmia	I.V. Transfusion of 50 c.c. Rh. negative blood	Died.

### Inanition Fever

4 cases. All responded to treatment with extra fluids.

### Atelectasis

6 cases. All fatal.

### Genital Crisis

#### Mastitis.

3 cases, one in a male.

#### Bilateral Hydrocele.

2 cases.

### Congenital Syphilis

1 case (No. 1041). Weighed 7 lb. 12 oz.; 3rd child. Maternal Wassermann ++  
Infant's Wassermann +

### MULTIPLE DELIVERIES

#### Triplets.—1 set (No. 12863).

1st—3 lb., male ; 6 lb. 4 oz. on discharge	} Breast and complementary feeds.
2nd—2 lb. 12 oz., male ; 6 lb. on discharge	
3rd—3 lb. 6 oz., female ; 6 lb. on discharge	

#### Twins.—43 sets, 24 stated to be binovular.

In 1 case one infant was stillborn.

In 1 case both infants were stillborn.

In 2 cases both infants died.

In 2 cases one infant died.

In 1 case one infant was stillborn and one died.

41 of these infants weighed  $5\frac{1}{2}$  lb. or less. 9 sets were entirely breast fed on discharge.

### INFANT FEEDING

Breast alone	...	...	...	...	...	1,904
Breast and complementary	...	...	...	...	...	142
Breast and supplementary	...	...	...	...	...	36
Artificial	...	...	...	...	...	135

85.4 per cent of all infants discharged were entirely breast fed.

All the babies on supplementary feeds were twins.

### Reasons for Artificial Feeding

14 of the infants were under 5 lb. birth weight.

#### Maternal

Uncomplicated Cæsarean section ... ..	17
Cæsarean section and pyrexia ... ..	5
Cæsarean section and mastitis ... ..	5
Cæsarean section and placenta prævia ... ..	2
Cæsarean section and albuminuria ... ..	2
Cæsarean section and cardiac ... ..	1
Cæsarean section and hysteria ... ..	1
Cæsarean section and peritonitis ... ..	1
No milk ... ..	24
Cracked nipples ... ..	13
Inverted nipples ... ..	3
Acute mastitis ... ..	8
Chronic mastitis ... ..	2
Mother died ... ..	7
Mother too work ... ..	5
Phthisis ... ..	4
Cardiac ... ..	4
Bronchitis ... ..	4
Pneumonia ... ..	4
Anæmia ... ..	3
Albuminuria ... ..	3
1 case each of refusal to feed, elderly primigravida, thrombosis of leg, accidental hæmorrhage, amputation of breast, chicken pox, puerperal mania ... ..	7
	<hr/>
	123

#### Infant

Premature twins ... ..	8
Cleft palate ... ..	1
Mongoloid defect ... ..	1
Spina bifida ... ..	1
Inability to suck ... ..	1
	<hr/>
	12
	<hr/>
	135

### OVERWEIGHT INFANTS

Reg. No.	Parity	Maturity	Sex	BirthWeight		Length	Delivery	Remarks
				lb.	oz.			
13223	M.	40 weeks	M.	11	5	22 inches	Normal	...
11749	P.	40 weeks	F.	11	0	?	Cæsarean section	...
1298	M.	42 weeks	F.	10	14	21½ inches	Normal	...
7737	M.	40 weeks	M.	10	13	22 inches	Normal	...
12068	M.	40 weeks	F.	10	8	22 inches	Normal	...
12658	P.	43 weeks	M.	10	8	?	Cæsarean section	Spina bifida and hydro- cephaly. Died.
12380	M.	41 weeks	F.	10	8	23 inches	Normal	...
8022	M.	44 weeks	M.	10	7	20 inches	Normal	...
12986	P.	41 weeks	F.	10	6	22 inches	Instrumental	...
4599	M.	42 weeks	M.	10	5	23 inches	Breech	...
12554	P.	42 weeks	M.	10	4	?	Normal	...
13353	P.	41 weeks	M.	10	4	22 inches	Instrumental	Erb's paralysis
12317	M.	41 weeks	F.	10	3	?	Normal	...
12297	M.	41 weeks	F.	10	3	?	Normal	...
2956	M.	41½ weeks	M.	10	2	?	Normal	...
12451	M.	40 weeks	M.	10	2	22 inches	Normal	...
9800	M.	40 weeks	?	10	0	22 inches	Normal	...

17 infants were born weighing 10 lb. or over, *i.e.*, 0.73 per cent of total births. One only exceeded the birthweight before discharge. 15 were entirely breast fed on discharge.

## PREMATURITY

Any infant whose birth weight is  $5\frac{1}{2}$  lb. or less is considered premature or immature.

Of 2,227 infants born alive, 179 or 8.0% were premature. 40 of these were twins and 3 triplets. 19 premature infants died, *i.e.*, 10.6 per cent. 8 lived less than 24 hours. The smallest baby discharged alive weighed 2 lb. 9 oz. at birth.

53 were not completely breast fed. Whenever possible milk was withdrawn from the mother and given to the baby until it was strong enough to take the breast. If the milk of the mother of a very premature or feeble infant was not available, pasteurised milk from other mothers was given until the child was well established.

### Analysis of Premature Deaths

Birth Weight	No. Born	Died
Under 3 lb. ... ..	8	5 or 62.5 per cent
Between 3 and 4 lb. ... ..	30	8 or 26.6 per cent
Between 4 and 5 lb. ... ..	61	4 or 6.5 per cent
Between 5 and $5\frac{1}{2}$ lb. ... ..	80	2 or 2.5 per cent
	<u>179</u>	<u>19</u>

### Apparent Causes of Prematurity

Birth Weight	Total	Multiple		Accidental			Mal-formation	Mother Cardiac	Caesarean section	Cause Unknown	Various
		Preg-nancy	Album-inuria	Hæmorrhage	Placenta Prævia						
Under 3 lb. ... ..	8	2	3	—	—	—	—	1	—	2	—
Between 3 and 4 lb. ... ..	29	19	5	6	1	—	—	2	—	6	—
Between 4 and 5 lb. ... ..	61	22	9	1	1	1	—	—	1	24	2
Between 5 and $5\frac{1}{2}$ lb. ... ..	80	9	7	2	2	2	—	3	8	45	2
	<u>178</u>	<u>42</u>	<u>24</u>	<u>9</u>	<u>4</u>	<u>3</u>	<u>—</u>	<u>6</u>	<u>9</u>	<u>77</u>	<u>4</u>

In 10 cases the membranes were artificially ruptured.

In 6 cases the Wassermann reaction was taken and was negative.

## INFANT CLINICS

There are two —

- (1) **Infant Clinic**, held each Monday at 1-30 p.m.

Total attendances for the year	... ..	2,925
New attendances for the year	... ..	292

- (2) **Special Infant Clinic**, held each Thursday at 2 p.m., by the Assistant Pædiatrician. Special groups of cases such as twins, premature infants, birth injury, diseases of the newborn, infections and malformations are followed up and records kept. The medical students and pupil midwives attend for clinical instruction.

Total attendances for the year	... ..	354
New attendances for the year	... ..	127











