

## **Clinical report : 1937 / East End Maternity Hospital.**

### **Contributors**

East End Maternity Hospital (London, England)

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THE EAST END  
MATERNITY HOSPITAL,  
COMMERCIAL ROAD,

E.I.

CLINICAL REPORT

*For the Year*

1937

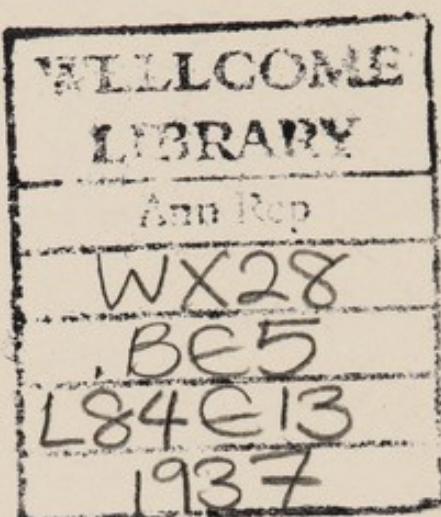




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Tabular History of Hospital	between pages 2 and 3





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**Table showing the number of pupils trained, the number of patients delivered in the Hospital since its foundation, and the number delivered at their own homes during the same period, with the number and causes of deaths.**

Pupils trained.	"Home" opened at Glamis Road, Shadwell, December 6th, 1884.	No. of Beds. 7	IN-PATIENTS.			OUT-PATIENTS.		
			Delivered.	Died.	Causes of Deaths.	Delivered.	Died.	Causes of Deaths.
4	Year 5 months ending April 30th, 1889.	"	427	1	Haemorrhage from lung, 1; 9½ hours after delivery	—	—	—
5	Year ending Apr. 30, 1890.	"	150	1	Exhaustion,	—	—	—
—	" " " 1891.	"	143	1	Puerperal septicæmia.	—	—	—
2	Year & 8 months ending Dec 31st 1892.	"	224	—	{ Failure of heart's action, 15 hours after delivery; brought from a distance suffering from severe bronchitis.	257	—	{ Exhaustion after accidental haemorrhage within 3 hours, 1; peritonitis and pneumonia within a week, 1.
—	9 " " " 1893.	"	194	1	{ Failure of heart's action, soon after delivery.	284	2	{ Pneumonia, 3; diarrhoea, 1.
3	" " " 1894.	"	218	1	Exhaustion after labour and bronchitis.	259	—	{ Heart disease, 1.
4	" " " 1895.	"	230	4	Eclampsia, 1; bronchitis, 1 (suffering from a severe attack when admitted); syncope 1 (the subject of valvular heart disease).	274	—	{ Syncope, consequent on accidental haemorrhage.
—	" " " 1896.	"	233	1	10 days after confinement, Chronic Bright's disease.	241	—	{ Pneumonia, 1; syncope, after secondary haem- orrhage, 1.
9	" " " 1897.	"	237	3	Syncope and bronchitis.	293	2	Heart disease
10	Extension of Premises, Year ending Dec. 31, 1898.	18	255	—	—	255	—	—
11	" " " 1899.	"	264	1	Shock, consequent on heart disease, a few days after delivery.	298	2	—
12	" " " 1900.	"	248	1	Ante-partum haemorrhage.	329	1	{ Exhaustion after secondary haemorrhage (4 weeks after confinement).
13	" " " 1901.	"	198	—	Shock, consequent on severe ante-partum haemorrhage, 1; sepsis, occurring a fortnight after normal labour, 1 (suffering from a septic disease when admitted).	367	—	{ Shock, consequent on severe ante-partum haemorrhage, 1; sepsis, occurring a fortnight after normal labour, 1 (suffering from a septic disease when admitted).
14	" " " 1902.	"	313	—	Exhaustion and shock, after severe ante-partum haemorrhage, sent in too late for help, 1; exhaustion, supervening on acute tuberculosis of the small intestine 3 weeks after premature delivery, 1.	422	—	{ Shock, consequent on heart disease, a few days after delivery.
15	Further Extension of Premises.	26	344	1	Shock, consequent on heart disease, a few days after delivery.	453	1	{ Shock, consequent on severe ante-partum haemorrhage, 1; sepsis, occurring a fortnight after normal labour, 1 (suffering from a septic disease when admitted).
16	Year ending Dec. 31, 1903.	27	377	—	Ante-partum haemorrhage.	510	—	{ Shock, consequent on severe ante-partum haemorrhage, 1; sepsis, occurring a fortnight after normal labour, 1 (suffering from a septic disease when admitted).
17	" " " 1904.	31	382	1	Shock, consequent on severe ante-partum haemorrhage, 1; sepsis, occurring a fortnight after normal labour, 1 (suffering from a septic disease when admitted).	458	—	{ Shock, consequent on severe ante-partum haemorrhage, 1; sepsis, occurring a fortnight after normal labour, 1 (suffering from a septic disease when admitted).
18	" " " 1905.	"	450	2	Exhaustion and shock, after severe ante-partum haemorrhage, sent in too late for help, 1; exhaustion, supervening on acute tuberculosis of the small intestine 3 weeks after premature delivery, 1.	541	—	{ Shock, consequent on severe ante-partum haemorrhage, 1; sepsis, occurring a fortnight after normal labour, 1 (suffering from a septic disease when admitted).
19	" " " 1906.	39	433	2	—	708	—	{ Shock, consequent on severe ante-partum haemorrhage, 1; sepsis, occurring a fortnight after normal labour, 1 (suffering from a septic disease when admitted).
20	No. 396, Commercial Rd., Freehold purchased, and extensive Building Im- provements commenced.	38	498	—	—	—	—	{ Shock, consequent on severe ante-partum haemorrhage, 1; sepsis, occurring a fortnight after normal labour, 1 (suffering from a septic disease when admitted).
21	Year ending Dec. 31, 1908.	52	33	—	—	—	—	{ Shock, consequent on severe ante-partum haemorrhage, 1; sepsis, occurring a fortnight after normal labour, 1 (suffering from a septic disease when admitted).





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THE EAST END  
**MATERNITY HOSPITAL.**

**CLINICAL REPORT.**

**1937.**

**MATERNAL MORTALITY.**

1. Case No. 3968. Multipara, age 40, admitted with prolapse of cervix and offensive discharge. Temperature  $100.2^{\circ}$ . Two days later, rigor; came into labour and delivered of a still-born stinking foetus. Transferred to Queen Charlotte's Isolation Hospital where she died.

P.M. Intense general peritonitis, uterus infected throughout, becoming gangrenous. Mixed infection of both peritoneum and blood. Hæmolytic streptococcus not present.

2. Case No. 3486. 11 Para, age 43. Continuous abdominal pain; no dilatation. Sudden collapse and death.

P.M. Uterine rupture into both broad ligaments. Heart wall thin and fatty.

3. Case No. 3,915. A patient, had one miscarriage, admitted with a marginal placenta prævia. Labour was slow and delivery effected with forceps. There was a good deal of bleeding before delivery and atonic post-partum haemorrhage from which she died.

---

**CASES TRANSFERRED TO OTHER INSTITUTIONS.**

5 cases of mastitis. Recovered.

---

6 cases which were to be attended on the district were admitted during labour and are included in the tables.

Ante-partum haemorrhage	...	...	...	3
Hæmaturia	...	...	...	1
Toxæmia	...	...	...	1
Home conditions	...	...	...	1

1988.

NUMERICAL SUMMARY.

Table I.

	In-Patients.	Out-Patients.	Total
PATIENTS DELIVERED ... ... ...	1,492	263	1,755
,, DIED UNDELIVERED ... ...	1	—	—
CASES OF ABORTION (included above) ... ...	2	—	—
Primiparae ... ... ... ...	644	14	658
Multiparae ... ... ... ...	848	249	1,097
INFANTS BORN ... ... ... ...	1,500	266	1,766
Sets of Twins ... ... ... ...	10	3	13
PRESENTATIONS.			
Vertex ... ... ... ...	1,435	240	1,675
Brow ... ... ... ...	2	—	2
Face ... ... ... ...	7	1	8
Breech ... ... ... ...	51	6	57
Transverse ... ... ... ...	3	—	3
Complex (Head, cord, foot & hand) ... ...	1	—	1
Born elsewhere or B.B.A. ... ...	1	19	20
4 of these presentations were complicated by cord.			
OBSTETRIC OPERATIONS.			
Hysterectomy ... ... ...	—	—	—
Cesarean section ... ... ...	1	—	1
Inductions ... ... ...	46	—	46
Forceps ... ... ...	79	1	80
Version during labour ... ...	7	—	7
Manual extraction of Breech ... ...	27	—	27
Manual removal of Placenta or Membranes ...	7	—	7
ANTE-PARTUM HÄMORRHAGE			
Accidental ... ... ...	8	3	11
Placenta Praevia ... ... ...	12	—	12
PUEPERAL PYREXIA ... ... ...	24	9	33
MATERNAL MORTALITY ... ... ...	3	—	3
NEO-NATAL DEATHS ... ... ...	19	3	22
STILL-BIRTHS ... ... ...	40	5	45

Forceps rate ... ...	5%
Breech rate ... ...	3·2%
Maternal Pyrexia ... ...	1·9%
,, Mortality ... ...	1·6 per thousand
Stillbirth rate ... ...	2·5%
Neo-Natal Death rate ... ...	1·2%

## Ante-Natal Department.

The attendances at the Ante-Natal Clinic totalled 11,684 and 1,435 of these visits were made to the Medical Officer's Clinic.

The homes of all patients booked for attendance in the District were visited, and 462 special visits paid to those patients suffering from ante-natal disorders.

The following complications were treated during pregnancy:—

**Table II.**

CLASS I.			CLASS II.		
<i>Diseases proper to Pregnancy.</i>			<i>Diseases incidental to Pregnancy.</i>		
Albuminuria ... ... ...	.68		Anæmia and Debility ... ...	4	
Primigravidæ ... ... ...	40		Morbus Cordis ... ...	6	
Multigravidæ ... ... ...	28		Dermatitis ... ... ...	3	
	—		Other Diseases ... ...	1	
Pyelo-nephritis ... ... ...	13				
Purulent Vaginitis ... ... ...	1				
Hæmaturia ... ... ...	2				
	—				
Total ... ... ...	84		Total ... ...	14	

Of the above cases 31 were admitted for treatment during pregnancy, in 24 of these, induction was performed and 22 in addition were admitted for induction only. Although in all cases a Wassermann reaction was taken if the history was suspicious either pre-natally or post-natally, no specimen of blood proved positive.

### **External Cephalic Version for Breech Presentation.**

			P.	M.	Total
Performed ... ... ... ...	...	28	80	108	
Attempted unsuccessfully—					
Extended legs ... ... ... ...	...	3	3	6	
Not attempted—		—	—	—	
Left for Teaching or undiscovered ...	...	20	15	35	
One of twins ... ... ...	...	3	7	10	
Total original breech presentations				159	

## Presentations.

There have been 1,435 cases of Vertex presentation in the Hospital.

Occiput Anterior	...	...	...	1,291
,, Posterior	...	...	...	144

The treatment and result of occiput posterior positions is given below:—

**Table III.**

	Total Cases.	Children.		Died.
		Alive.	Stillborn.	
Spontaneous rotation and delivery	90	90	—	—
Spontaneous delivery unreduced	26	26	—	—
Forceps delivery after spontaneous rotation	—	—	—	—
Forceps after manual rotation	28	28	—	—
Forceps unreduced	—	—	—	—

## Face Presentations.

7 cases; delivered spontaneously 5; anencephalic 2.

## Brow Presentations.

2 cases; 1 converted to vertex; 1 to face.

## Transverse Presentation.

3 cases; podalic version performed 2, cephalic 1.

## Funis Presentation and Prolapse.

4 cases.

With vertex	...	...	2
,, breech	...	...	1
,, vertex foot and hand			1
Infants born alive	...		2

## Breech Presentations.

		IN.	OUT.	TOTAL.
Number of cases	...	...	51	57
Born alive	...	...	47	51
Neo-natal Deaths	...	...	1	1
Born dead	...	...	4	6
Macerated	...	...	2	
Difficult Delivery	...	...	3	
B.B.A.	...	...	1	
Spontaneous delivery	...	...	27	31
Manual extraction	...	...	10	12
Forceps to after coming head	...	...	13	13
Cæsarean Section	...	...	1	1

## Particulars of indoor breech presentations.

51 Cases—Primipara 26, Multipara 25, No complications 14, Extended Legs 21, One of Twins 10,  
Other Complications 6.

Gravida,	Complications,	Method of Delivery,	Child. weight lbs. ozs.	Stillborn Lived	Remarks.
				Stillborn Lived	
2	Extended legs	...	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
11	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
2	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
3	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	"	"	...	...	
1	Prolapse of Cord	"	...	...	Hook for legs
1	Contracted pelvis	"	...	...	Spontaneous
1	Footing	"	...	...	Cesarean section
1	"	"	...	...	Manual extraction
			...	...	Spontaneous

**Particulars of indoor breech presentations.—Continued.**

Gravida	Complications,	Method of Delivery	Child, weight	Result.	Remarks.
7	Twin	Spontaneous	4—8	Lived	...
1	"	"	4—2	"	...
3	"	"	7—3	"	...
3	"	"	3—12	"	...
6	"	"	7—9	"	...
6	"	"	6—1	"	...
2	"	"	6—10	"	...
2	"	"	4—7	"	...
1	"	"	5—6	"	...
1	Extended legs	Manual extraction	4—8	"	...
2	No complications	Spontaneous	7—12	"	...
2	"	"	7—1	"	...
1	"	"	6—9	"	...
3	"	"	7—1	"	...
2	"	"	7	"	...
5	"	"	1—10	Mac. fetus	...
3	"	"	2—9	Died	...
3	"	"	6—15	Lived	...
3	"	"	8—1	"	...
4	"	"	7—0	"	...
4	"	"	7—14	"	...
11	"	"	5—9	"	...
7	"	"	7—11	"	...
2	"	"	8—8	"	Macerated
2	"	"	5—5	Alive	...
1	"	"	...	Mother had Influenza.	...

## Obstetric Operations.

### Forceps.

**Table IV.**

PRIMARY INDICATION.	In-Patients.	Out-Patients.	TOTALS.
Disproportion ...	6	1	7
Contracted Pelvis ...	6	—	6
Large Child ...	1	—	1
Occiput Posterior ...	26	—	26
Brow presentation ...	1	—	1
Uterine Inertia ...	14	—	14
Rigidity of Soft Parts ...	2	—	2
Transverse presentation ...	1	—	1
A.P.H. ...	3	—	3
Breech presentation ...	13	—	13
Fœtal distress ...	2	—	2
Face presentation ...	2	—	2
Prolapse of cord ...	1	—	1
Other Disease of Mother ...	1	—	1
Totals	79	1	80

1 mother died; 5 had pyrexia  
3 infants were stillborn.

**Table V.**      **Inductions.**

INDICATION.	No. of Cases.	Result to Child.	Child.
		Alive.	Stillborn
Post-Maturity ...	2	2	—
Hydramnios ...	1	1	—
Heart Disease ...	1	1	—
Contracted Pelvis ...	17	17	—
Albuminuria ...	24	23	1
Toxæmia, Contracted Pelvis ...	1	—	1
Totals	46	44	2

**Table VI.**      **Podalic version during Labour.**

	In-Patients.	Out-Patients.	TOTALS.
Ante-partum haemorrhage ...	3	—	3
Transverse presentation ...	2	—	2
Totals	5	—	5

Cæsarean Section (contracted pelvis and breech presentation) ... 1

## Ante-partum Hæmorrhage—In-Patients.

**Table VII.**  
**Accidental Hæmorrhage 14 Cases.**

Reg. No.	Gravida.	Variety.	Gestation (Weeks.)	Alb.	Treatment.	Result.	Mother	Child.
							Sat.	(Died 20 hrs. later) Influenza before admiss.
(11)	3062	1	Revealed ...	32	Nil	—	Sat.	(Died 20 hrs. later) Influenza before admiss.
	3015	2	Concealed & Revealed	37	"	Membranes ruptured; Binder ...		
	3132	2	Concealed ...	36	"	None ... ... ...		
	3255	1	Concealed ...	36	$\frac{1}{16}$	Membranes ruptured; Binder ...		
	3621	1	Concealed ...	37	Trace	None ... ... ...		
	437	9	Revealed ...	40	Nil	Membranes ruptured; Forceps delivery		
	361	10	Concealed ...	38	$\frac{1}{8}$	Membranes ruptured; Binder ...		
	818	2	Concealed ...	40	Nil	Membranes ruptured ...		

**Ante-partum Hæmorrhage—In-Patients.**

**Table VIII.**  
**Placenta Prævia.**

Reg. No.	Gravida.	Variety.	Weeks gestation	A lb.	Treatment.	Result.	
						Mother.	Child.
3037	1	Marginal	40	—	Membranes ruptured; Douche and Binder	Sat.	Alive
3514	4	Central	37	—	Podalic version	Stillborn	"
3601	4	Marginal	40	—	Membranes ruptured; Binder	Alive	"
( 12 )	17	Marginal	40	½	Expectant	"	Alive
3915	1	Marginal (contracted pelvis)	38	—	Bougie induction; Forceps	Died	Stillborn
129	3	Marginal	40	—	Membranes ruptured; Forceps (Adherent	Sat.	Alive
560	3	Central	40	—	placenta; P.P.H.)	Stillborn	"
575	2	Marginal (Vertex and cord)	36	—	Podalic Version	...	Alive
394	4	Marginal (Transverse lie)...	40	—	Podalic Version	...	Stillborn
552	5	Central	36	—	Vagina plugged	...	Stillborn
928	3	Marginal	40	—	Rupture of membranes; Douche & binder	"	Alive
915	4	Marginal (prolapse of cord)	40	—	Expectant	...	Stillborn

## Maternal Pyrexia.

*i.e., Temperature by mouth 100·4 for 24 hours, or recurring within that period.*

### IN-PATIENT DEPARTMENT.

**Table IX.**

#### CLASS I.

#### CLASS II.

Septic absorption following abnormal labour	...	...	5	Influenza	...	...	...	...	6
Pyelitis	...	...	1	Tonsillitis	...	...	...	...	1
Flushed breast	...	...	5	Dermatitis exfoliativa	...	...	...	...	1
Unknown Origin	...	...	1	Diarrhoea	...	...	...	...	1
Mastitis	...	...	3						
Total	...	...	15	Total	...	...	...	...	9

### OUT-PATIENT DEPARTMENT.

Pyelitis	...	...	...	...	...	...	1
Influenza	...	...	...	...	...	...	3
Flushed breast	...	...	...	...	...	...	3
Sepsis	...	...	...	...	...	...	1
Mastitis	...	...	...	...	...	...	1
							9

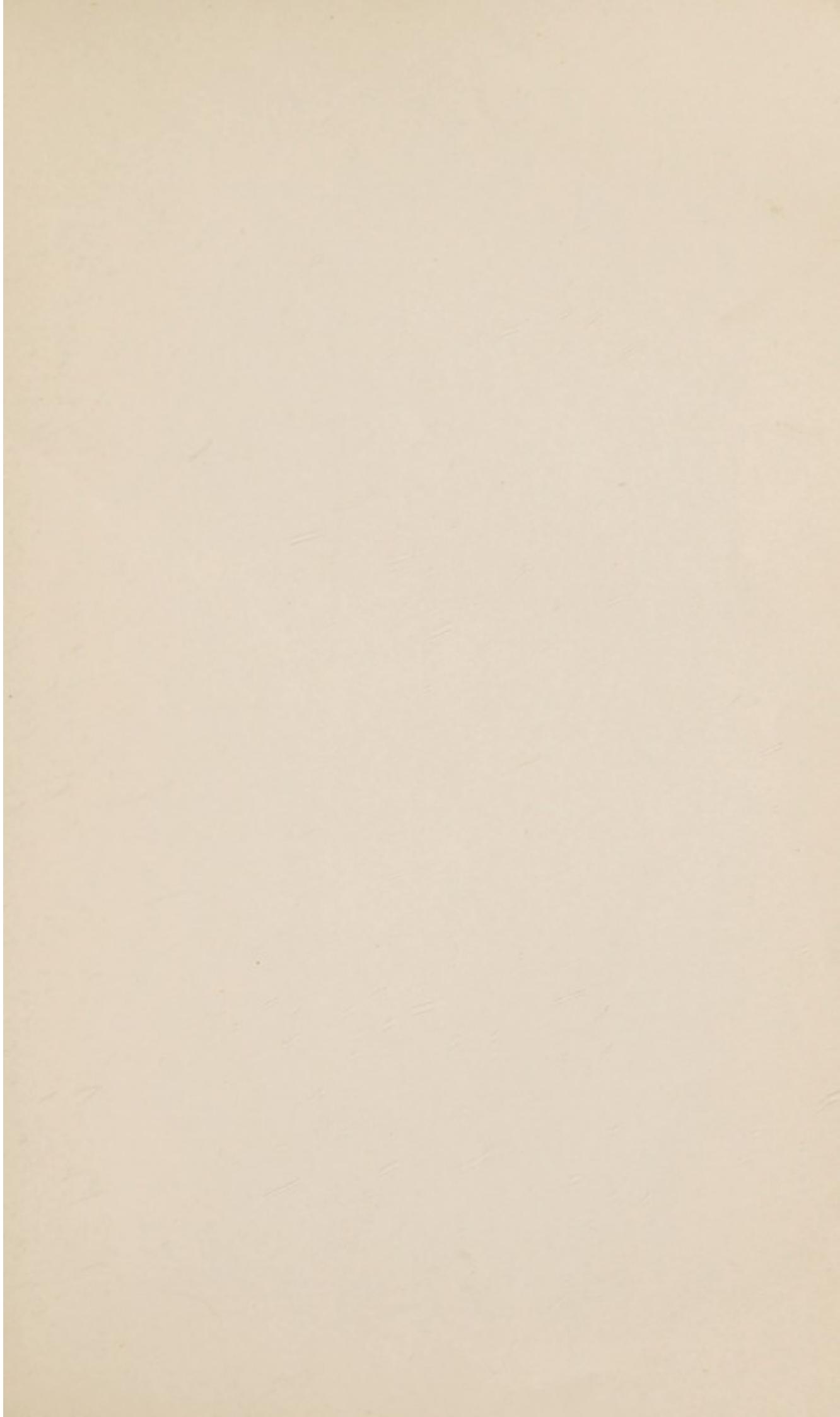
**Table X.**

STILLBIRTHS.			INFANTILE DEATHS.		
	Patients. In-	Out-		Patients. In-	Out-
Abortion ... ...	2	—	Prematurity ... ...	10	1
Disease of Mother—			Congenital Malformation	1	1
Albuminuria ... ...	1		Atelectasis ... ...	3	1
Breech ... ...	2	1	Malaena... ... ...	1	
A.P.H. ... ...	7		A.P.H. in Mother ...	1	
Macerated ... ...	9	2	Albuminuria in Mother	1	
Prematurity ... ...	2		Stenosis of Oesophagus	1	
A.P.H. and Prolapse of cord ... ...	2		Atresia of Intestines ...	1	
Disease of placenta ...	2				
Malformation ... ...	5	1			
Undetermined ...	7				
B.B.A. Breech ... ...		1			
Difficult Face ... ...	1				
Total ... ...	40	5	Total ... ...	19	3

**Table XI.**

PROGRESS OF INFANTS IN HOSPITAL.

Infants born alive ... ... ... ... ...	1,460
over birth-weight on discharge ... ...	1,352
equal to birth-weight on discharge ... ...	49
under birth-weight on discharge ... ...	40
died ... ... ... ...	17
transferred ... ... ... ...	2
Infants breast-fed entirely ... ... ... ...	1,379
breast feeds supplemented ... ... ...	48
artificially fed owing to illness of mother ...	18
died within 12 hours of birth ... ...	3
Transferred and died ... ... ...	2
	— 1,460



	Presenting
Number of patients	100
Admission rate per 1000	1.0
Discharge	100
Death	10
Discharged	80
Transferred	10
Discharged	70
Transferred	10
Discharged	60
Transferred	10
Discharged	50
Transferred	10
Discharged	40
Transferred	10
Discharged	30
Transferred	10
Discharged	20
Transferred	10
Discharged	10
Transferred	10
Discharged	0
Transferred	0

Table VI  
Presentation of Discharge Data  
Patients here alive

over birth-weight on discharge

and no birth-weight given

under birth-weight on discharge

and no birth-weight given

over birth-weight on discharge

and no birth-weight given

under birth-weight on discharge

and no birth-weight given

over birth-weight on discharge

and no birth-weight given

under birth-weight on discharge

and no birth-weight given

over birth-weight on discharge

and no birth-weight given

under birth-weight on discharge

and no birth-weight given

