

Regulations and instructions, for the medical officers of His Majesty's Fleet.

Contributors

Great Britain. Ministry of Defence (Navy)

Publication/Creation

London : Printed by W. Clowes ... for H.M.S.O., 1835.

Persistent URL

<https://wellcomecollection.org/works/b4rhg55y>

License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

MEDICAL



INSTRUCTIONS.

121

Sir, J. M. Liger Bart.

TRO
Strongroom
RANC
Gill.
/



Bound by J. SMITH, 49, Long Acre

REGULATIONS

INSTRUCTIONS

MEDICAL OFFICERS

OF THE ARMY



REGULATIONS

INSTRUCTIONS

MEDICAL OFFICERS

BY H. HARRIS, Esq.



LONDON

PRINTED BY W. CROFTS AND SONS, 11, CHANCERY LANE

1857

REGULATIONS



AND

INSTRUCTIONS

FOR THE

MEDICAL OFFICERS

OF

His Majesty's Fleet.



LONDON:

PRINTED BY W. CLOWES AND SONS, 14, CHARING CROSS,
FOR HIS MAJESTY'S STATIONERY OFFICE.

1835.

REGULATIONS

By the Commissioners for exercising the Office
of Lord High Admiral of Great Britain and Ireland
in and for the Kingdom of Great Britain and Ireland

ARTICLE

WHEREAS we think it shall be expedient and fitting
that persons employed for the Service of His Majesty's
Fleet, and the Surgeons, and the Attendants on the
Majesty's Ships and Vessels, shall be established

You are hereby required and directed to pay the most exact
attention to the following Regulations, and to see that
the same are strictly observed, and that the same are
inserted in the Muster-Books of the said Ships and Vessels

Given under our hand the 20th day of November

1832

CHARLES ADAM
THOMAS
GEORGE ELLIOT
THOMAS BRIDGE
WILLIAM



To the Admirals of the Fleet, and to the
Commanders of the said Ships and Vessels,
and to the Officers of the said Ships and Vessels,
and to the Surgeons, and the Attendants on the
Majesty's Ships and Vessels

By Command of the Lord High Admiral

WILLIAM PITT, Secretary of State

*By the Commissioners for executing the Office
of Lord High Admiral of the UNITED
KINGDOM OF GREAT BRITAIN AND IRE-
LAND, &c.*

WHEREAS we think fit that the Regulations and Instructions hereunto annexed for the Physicians of His Majesty's Fleet, and the Surgeons and Assistant-Surgeons of His Majesty's Ships and Vessels, shall be established.

You are hereby required and directed to pay the most strict attention and obedience to the same, so far as the several matters contained therein may relate to your respective duties.

Given under our hands this 20th day of November, 1835.

MINTO,
CHARLES ADAM,
W. PARKER,
GEORGE ELLIOT,
T. TROUBRIDGE,
DALMENY.

*To the respective Flag Officers,
Captains, Commanders, Com-
manding Officers, and Medi-
cal Officers of His Majesty's
Ships and Vessels.*

By Command of their Lordships,

C. WOOD.

TABLE OF CONTENTS

Physicians' Instructions	1
Surgeons'	17
Assistant-Surgeons'	22
Regulations of the Supply Department	23
Appendix	24
I. The establishment	25
II. Hygiene and Ventilation	26
A. Air	26
B. Bedding, &c.	27
C. Food	28
D. Clothing	29
E. Amusement	30
F. Medical and Surgical	31
G. Miscellaneous	32
H. Instruments and Conduct of	33
I. Assistant	34
J. Survey from a Professor	35
K. to a Surgeon	36
L. to Annual Account	37
M. on unserviceable	38
N. Articles	39
O. Disposition	40
P. Medicine Chests	41
Q. Completion of Supplies	42
R. of Trusses	43
S. Return of Stores	44
T. Credit for Bedding	45
U. Breakage, &c.	46
V. Supplies to examine	47
W. to other Ships	48
X. Account and Declaration	49
Y. Purchases	50
Z. Payment of bills by Bill	51
AA. Receipt of Money	52
AB. Boat Service	53
AC. Tropical Climate, use of	54
AD. Port Wine and Bulk	55
AE. Airing-Stoves	56
AF. Insects and unserviceable	57
AG. Search, with	58
AH. for them	59
AI. Deaths and Post-mortem Ex-	60
AJ. amputation	61
AK. Fish	62
AL. Diet from Hospital	63
AM. Convalescents from ditto	64
AN.	65
AO.	66
AP.	67
AQ.	68
AR.	69
AS.	70
AT.	71
AU.	72
AV.	73
AW.	74
AX.	75
AY.	76
AZ.	77
BA.	78
BB.	79
BC.	80
BD.	81
BE.	82
BF.	83
BG.	84
BH.	85
BI.	86
BJ.	87
BK.	88
BL.	89
BM.	90
BN.	91
BO.	92
BP.	93
BQ.	94
BR.	95
BS.	96
BT.	97
BU.	98
BV.	99
BW.	100
BX.	101
BY.	102
BZ.	103
CA.	104
CB.	105
CC.	106
CD.	107
CE.	108
CF.	109
CG.	110
CH.	111
CI.	112
CJ.	113
CK.	114
CL.	115
CM.	116
CN.	117
CO.	118
CP.	119
CQ.	120
CR.	121
CS.	122
CT.	123
CU.	124
CV.	125
CW.	126
CX.	127
CY.	128
CZ.	129
DA.	130
DB.	131
DC.	132
DD.	133
DE.	134
DF.	135
DG.	136
DH.	137
DI.	138
DJ.	139
DK.	140
DL.	141
DM.	142
DN.	143
DO.	144
DP.	145
DQ.	146
DR.	147
DS.	148
DT.	149
DU.	150
DV.	151
DW.	152
DX.	153
DY.	154
DZ.	155
EA.	156
EB.	157
EC.	158
ED.	159
EE.	160
EF.	161
EG.	162
EH.	163
EI.	164
EJ.	165
EK.	166
EL.	167
EM.	168
EN.	169
EO.	170
EP.	171
EQ.	172
ER.	173
ES.	174
ET.	175
EU.	176
EV.	177
EW.	178
EX.	179
EY.	180
EZ.	181
FA.	182
FB.	183
FC.	184
FD.	185
FE.	186
FF.	187
FG.	188
FH.	189
FI.	190
FJ.	191
FK.	192
FL.	193
FM.	194
FN.	195
FO.	196
FP.	197
FQ.	198
FR.	199
FS.	200
FT.	201
FU.	202
FV.	203
FW.	204
FX.	205
FY.	206
FZ.	207
GA.	208
GB.	209
GC.	210
GD.	211
GE.	212
GF.	213
GG.	214
GH.	215
GI.	216
GJ.	217
GK.	218
GL.	219
GM.	220
GN.	221
GO.	222
GP.	223
GQ.	224
GR.	225
GS.	226
GT.	227
GU.	228
GV.	229
GW.	230
GX.	231
GY.	232
GZ.	233
HA.	234
HB.	235
HC.	236
HD.	237
HE.	238
HF.	239
HG.	240
HH.	241
HI.	242
HJ.	243
HK.	244
HL.	245
HM.	246
HN.	247
HO.	248
HP.	249
HQ.	250
HR.	251
HS.	252
HT.	253
HU.	254
HV.	255
HW.	256
HX.	257
HY.	258
HZ.	259
IA.	260
IB.	261
IC.	262
ID.	263
IE.	264
IF.	265
IG.	266
IH.	267
II.	268
IJ.	269
IK.	270
IL.	271
IM.	272
IN.	273
IO.	274
IP.	275
IQ.	276
IR.	277
IS.	278
IT.	279
IU.	280
IV.	281
IW.	282
IX.	283
IY.	284
IZ.	285
JA.	286
JB.	287
JC.	288
JD.	289
JE.	290
JF.	291
JG.	292
JH.	293
JI.	294
JJ.	295
JK.	296
JL.	297
JM.	298
JN.	299
JO.	300
JP.	301
JQ.	302
JR.	303
JS.	304
JT.	305
JU.	306
JV.	307
JW.	308
JX.	309
JY.	310
JZ.	311
KA.	312
KB.	313
KC.	314
KD.	315
KE.	316
KF.	317
KG.	318
KH.	319
KI.	320
KJ.	321
KK.	322
KL.	323
KM.	324
KN.	325
KO.	326
KP.	327
KQ.	328
KR.	329
KS.	330
KT.	331
KU.	332
KV.	333
KW.	334
KX.	335
KY.	336
KZ.	337
LA.	338
LB.	339
LC.	340
LD.	341
LE.	342
LF.	343
LG.	344
LH.	345
LI.	346
LJ.	347
LK.	348
LL.	349
LM.	350
LN.	351
LO.	352
LP.	353
LQ.	354
LR.	355
LS.	356
LT.	357
LU.	358
LV.	359
LW.	360
LX.	361
LY.	362
LZ.	363
MA.	364
MB.	365
MC.	366
MD.	367
ME.	368
MF.	369
MG.	370
MH.	371
MI.	372
MJ.	373
MK.	374
ML.	375
MN.	376
MO.	377
MP.	378
MQ.	379
MR.	380
MS.	381
MT.	382
MU.	383
MV.	384
MW.	385
MX.	386
MY.	387
MZ.	388
NA.	389
NB.	390
NC.	391
ND.	392
NE.	393
NF.	394
NG.	395
NH.	396
NI.	397
NJ.	398
NK.	399
NL.	400
NM.	401
NN.	402
NO.	403
NP.	404
NQ.	405
NR.	406
NS.	407
NT.	408
NU.	409
NV.	410
NW.	411
NX.	412
NY.	413
NZ.	414
OA.	415
OB.	416
OC.	417
OD.	418
OE.	419
OF.	420
OG.	421
OH.	422
OI.	423
OJ.	4

TABLE OF CONTENTS.

		Page
Physicians' Instructions		9
Surgeons' do.		17
Assistant-Surgeons' do.		45
Regulations of the Supplemental Fund		49
Appendix		55
<hr/>		
	Art. of the Surgeons' Instructions,	
Appointment	1	
Proportions, per Scales . . . }	1	1
Groceries and Extras . . . }		
Lemon-Juice	1, 15	
Instruments	2	2
„ and Conduct of Assistants		
Surveys from a Predecessor. }	3	3
„ to a Successor . . . }		
„ to Annual Account }		
„ on unserviceable Articles.	4	4
Dispensaries		
Medicine Chests		
Completion of Supplies . . . }		
„ of Trusses . . . }		
Return of Stores	4	4
Credit for Bedding		
„ Breakage, &c.		
Supplies, to examine . . . }	5	5
„ to other Ships . . . }		
Account and Declaration . . . }		
Purchases	6	6
Payment of ditto by Bill . . . }		
Preserved Meat	7	
Boat Service	8	
Tropical Climates, use of }	9	9
Port Wine and Bark . . . }		
Airing-Stoves	10, 13	
<hr/>		
Dryness and Ventilation }	10	10
Airing Bedding, &c. . . }		
Infection	10, 17, 27, 30, 32	
Cleanliness, and Visiting the Sick }	11	11
Bedding, Soap, &c. . . }		
Humanity and Kindness	12	
Sick-Berth Nurses	13	
„ Fund	20	
„ Mess Diet	21	
„ Attendant	22	
„ Accounts	22, 23	
Ulcer	14	
Appearance of Sickness or Scurvy	15	15
Inspection of the Crew . . . }		
Preparing for Battle.	16	16
Wounded Men		
Change of Climate	18	18
Warm Clothing		
Deaths and Post-mortem Examination	19	19
Fish		
Diet from Hospital	24	24
Convalescents from ditto . . . }		
Invalids and unserviceable Seamen, with Necessaries for them	25, 26	

	Art. of the Sur- geons' Instructions.		Art. of the Sur- geons' Instructions.
Patients to Hospital. . . .	27	Pension Certificates	} 35
Surgeon to visit them . . .	28	ture for Rup-	
Operations at ditto	29	Correspondence	36
Daily Sick-Book	30	Address, &c.	37
Monthly and Quarterly No- sological Return	} 31	Extraordinary Cases	38
Return to the Admiral . . .		General Caution.	39
Journal	32	Obtaining Scientific Know- ledge	} 40
Vaccine Inoculation	33		
New raised Men	34		

Introduction	41
General Instructions	42
Instructions to Surgeons	43
Instructions to Apothecaries	44
Instructions to Stewards	45
Instructions to Cooks	46
Instructions to Sailors	47
Instructions to Marines	48
Instructions to Artillery	49
Instructions to Engineers	50
Instructions to Clergy	51
Instructions to Physicians	52
Instructions to Nurses	53
Instructions to Dispensaries	54
Instructions to Hospitals	55
Instructions to Asylums	56
Instructions to Prisons	57
Instructions to Workhouses	58
Instructions to Poorhouses	59
Instructions to Charities	60
Instructions to Societies	61
Instructions to Associations	62
Instructions to Unions	63
Instructions to Clubs	64
Instructions to Societies	65
Instructions to Associations	66
Instructions to Unions	67
Instructions to Clubs	68
Instructions to Societies	69
Instructions to Associations	70
Instructions to Unions	71
Instructions to Clubs	72
Instructions to Societies	73
Instructions to Associations	74
Instructions to Unions	75
Instructions to Clubs	76
Instructions to Societies	77
Instructions to Associations	78
Instructions to Unions	79
Instructions to Clubs	80
Instructions to Societies	81
Instructions to Associations	82
Instructions to Unions	83
Instructions to Clubs	84
Instructions to Societies	85
Instructions to Associations	86
Instructions to Unions	87
Instructions to Clubs	88
Instructions to Societies	89
Instructions to Associations	90
Instructions to Unions	91
Instructions to Clubs	92
Instructions to Societies	93
Instructions to Associations	94
Instructions to Unions	95
Instructions to Clubs	96
Instructions to Societies	97
Instructions to Associations	98
Instructions to Unions	99
Instructions to Clubs	100

INSTRUCTIONS

FOR THE

PHYSICIANS OF HIS MAJESTY'S FLEET.

INSTRUCTIONS

FOR THE

PHYSICIANS OF HIS MAJESTY'S FLEET.

I.

When a Physician of the Fleet shall be appointed, he is forthwith to take upon himself the duty of a Physician accordingly, and reside on board the Hospital-Ship, or should there not be one, on board such other Ship as the Commander-in-Chief shall direct. In the execution of this duty he is to consider himself intrusted with the Charge and Superintendence of the whole of the Medical Department of the Fleet (and, on Foreign Stations, of the Naval Hospitals), and with a general control over all the Medical Officers serving therein.

2.

When on board a Hospital-Ship, he is to visit all the Patients regularly Morning and Evening, or oftener when the nature and urgency of their Complaints render it necessary, and to direct such modes of practice, whether Physical or Surgical, as he may judge proper; observing that the Surgeon, and all other Persons appointed to attend the Sick on board the Hospital-Ship, and all arrangements relating to the part of the Ship appropriated for the reception of the Sick and Wounded, are to be under his Orders and Directions. He is therefore to propose to the Captain every measure which he may think likely to be of service to the Sick, either for increasing their comforts, or accelerating their cure; and, as far as circumstances will admit, the Captain is to comply with his suggestions for these objects.

INSTRUCTIONS

FOR THE

PHYSICIANS OF HIS MAJESTY'S FLEET.

1.

WHEN a Physician of the Fleet shall be appointed, he is forthwith to take upon himself the duty of a Physician accordingly, and reside on board the Hospital-Ship, or should there not be one, on board such other Ship as the Commander-in-Chief shall direct. In the execution of this duty he is to consider himself intrusted with the Charge and Superintendence of the whole of the Medical Department of the Fleet, (and, on Foreign Stations, of the Naval Hospitals,) and with a general control over all the Medical Officers serving therein.

2.

When on board a Hospital-Ship, he is to visit all the Patients regularly, Morning and Evening, or oftener when the nature and urgency of their Complaints render it necessary, and to direct such modes of practice, whether Physical or Surgical, as he may judge proper; observing that the Surgeon, and all other Persons appointed to attend the Sick on board the Hospital-Ship, and all arrangements relating to the part of the Ship appropriated for the reception of the Sick and Wounded, are to be under his Orders and Directions. He is therefore to propose to the Captain every measure which he may think likely to be of service to the Sick, either for increasing their comforts, or accelerating their cure; and, as far as circumstances will admit, the Captain is to comply with his suggestions for these objects.

3.

If any Men shall be sent to the Hospital-Ship with such Hurts or Diseases as may be cured without danger or inconvenience in the Ships to which they belong, he is to report the same without delay to the Captain or Commanding Officer, that means may be taken for such Men to return to their respective Ships.

4.

He is to visit the Ships of the Fleet frequently, and inquire into the Health of the Ships' Companies and the treatment of the Sick; and where he finds unusual Sickness prevailing, he is to ascertain, if possible, the cause thereof, and to recommend the best measures within his power for its removal; and, whenever he may consider it proper, he is to call upon the Surgeon of any Ship for a written Statement respecting any Disease that may be prevalent, or of any particular Case or Cases. He is likewise to inspect the Surgeons' Journals, and see that the Cases are properly entered therein. He is also to make himself acquainted with the conduct and abilities of the Assistant-Surgeons, to enable him, if called upon, to point out to us—to the Commander-in-Chief on the Station—or to the Physician-General of the Navy—those who may be best qualified for any particular Service, or for Promotion.

5.

Whenever he shall think it necessary, he is to examine the Instruments, Medicines, and Necessaries on board any Ship; and if he finds them bad in quality, or deficient in quantity, he is to report the same to the Commander-in-Chief, that he may take such measures as the circumstances require.

6.

He is, once every Week at least, if the Weather and other circumstances will admit of it, to report, in the annexed Form,

to the Commander-in-Chief, the state of the Sick in the Hospital-Ship; and also once a Week, or once a Month, as the Commander-in-Chief may require, to report to him the general state of the Sick of the Fleet, in the annexed Form, as far as he shall have been able to obtain information thereof; always sending a Duplicate to the Physician-General of the Navy. He is to specify particularly in his Reports those Ships which, from the unhealthiness of their Crews, appear to be least fit for active Service, and most in want of Refreshments; and he is to point out to the Commander-in-Chief whatever measures he may think necessary for restoring the Health of any particularly sickly Ship's Company, or for the preservation of the general Health of the Fleet; and in order that he may be fully informed on that subject, the Surgeons of the respective Ships are required to furnish him with Duplicates of the Nosological Reports, forwarded to the Physician-General of the Navy, Monthly on Home Stations, and Quarterly on the Foreign.

No. 2. P.

Surgeons'
Instructions,
Art. 31.

7.

He is, when on a Foreign Station, to visit, as frequently as opportunities may offer, the Naval Hospitals, or Sick-Quarters. On these visitations he is to be considered by every Officer as charged with all the Duties of an Inspector of Hospitals; and he is to examine in particular into the detail of the following points:—

Treatment, Diet (including their proper classification), and Medical Comforts of the Patients.

State of Hospital Stores, and their economical expenditure.

General Economy of the Establishment.

Efficiency of the Officers and other Persons employed therein.

He is also to attend at any Survey which may be held during his Visitation (or when directed), on Men supposed to be unfit for the Service, and assist the Surveying Officers

with his opinion. He is likewise to examine with great attention the state of the Agent's Accounts, particularly that of his Contingent Disbursements, and to transmit to the Commanding Officer, and also to us, a Report of the result of each Visitation, with such observations thereon as may be necessary to guide him, or us, in the adoption of any measures which may be found expedient in consequence thereof.

8.

He is also frequently to communicate with the Physician-General of the Navy on the Health of the Fleet, and to state to him whatever circumstances relating to the Medical Department of which it may be proper that he should be informed.

9.

He is to give immediate information to us of the day on which he shall have joined the Fleet.

No. 1. P.

His Majesty's Hospital-Ship

at	between	18
and the		18

[illegible]

Physician of the Fleet.

INSTRUCTIONS

FOR THE

SURGEONS OF HIS MAJESTY'S FLEET.

I.

When a Surgeon shall be appointed to any of His Majesty's Ships, he is forthwith to join his Ship, and take upon himself the duty of Surgeon accordingly; and in the performance thereof he is strictly to comply with the following Instructions, and to obey all such Orders as he may receive from his Captain, the Physician-General of the Navy, the Physician of the Fleet or any other his superior Officer: and as soon as the requisite accommodations are completed for the security and safe custody of the Stores which are to be in his charge, he is to make application to the respective Officers at the Hospital, or Depot, for the established supplies of Medicines, Bedding, &c., affording such information as he may possess relative to the Station for which his Ship may be fitting, that they may be enabled to regulate the proportions agreeably to the annexed Scales, except for the articles of Tea, Sugar and Soap, (and, on Foreign Stations, Lemon-Juice,) which being in the charge of the Purser, are to be demanded from him, with the approval of the Captain as required; for which (and all other Supplies not contemplated by the 21st Article,) the Surgeon is to grant Receipts quarterly, and to obtain from the Purser counterparts, or Issue-Notes, with his Signature thereto, charging himself with all such articles in his Account, and transmitting therewith the Purser's Issue-Notes as Vouchers, observing that he is not (except on extraordinary occasions, which are to be particularly stated) to

Appendix,
Nos 1 and 2.

Appendix,
No 3.

INSTRUCTIONS

FOR THE

SURGEONS OF HIS MAJESTY'S FLEET.

1.

WHEN a Surgeon shall be appointed to any of His Majesty's Ships, he is forthwith to join his Ship, and take upon himself the duty of Surgeon accordingly; and in the performance thereof he is strictly to comply with the following Instructions, and to obey all such Orders as he may receive from his Captain, the Physician-General of the Navy, the Physician of the Fleet, or any other his superior Officer: and as soon as the requisite accommodations are completed for the security and safe custody of the Stores which are to be in his charge, he is to make application to the respective Officers at the Hospital, or Depôt, for the established supplies of Medicines, Bedding, &c., affording such information as he may possess relative to the Station for which his Ship may be fitting, that they may be enabled to regulate the proportions agreeably to the annexed Scales, except for the articles of Tea, Sugar, and Soap, (and, on Foreign Stations, Lemon-Juice,) which being in the charge of the Purser, are to be demanded from him, with the approval of the Captain as required; for which (and all other Supplies not contemplated by the 21st Article,) the Surgeon is to grant Receipts quarterly, and to obtain from the Purser counterparts, or Issue-Notes, with his Signature thereto, charging himself with all such articles in his Account, and transmitting therewith the Purser's Issue-Notes as Vouchers, observing that he is not (except on extraordinary occasions, which are to be particularly stated) to

Appendix,
Nos. 1 and 2.

Appendix,
No. 9.

exceed the very ample proportions allowed by the Scale, for which there can seldom be necessity, since the establishment of the Sick-Mess, as explained in Article 21. He is therefore to attend carefully to the Note at the bottom of the Scale.

Appendix,
No. 2.

2.

He is to provide and keep in proper repair, at his own expense, a complete set of Surgical Instruments according to the List annexed; and on proceeding to the Hospital, or Depôt, with the requisition for his Stores, he is to deliver them to the Surgeon in charge of the Medicines at that Establishment for his examination, who is directed carefully to inspect their number and condition, which he is to insert in the respective columns of the said Form, and sign the same; which Certificate, *as signed by the Officer making the first supply*, is to be transmitted by the Surgeon with his first annual Account. He is also frequently to examine the Surgical Instruments of his Assistant-Surgeons, to see that they are in good repair, and in conformity with the annexed List, giving a Certificate of such Inspection, as also of the conduct of the Assistant at the end of every year, and when he may quit the Ship; but should he see any reasons for withholding such Certificate, he is, without fail, to state them fully to his Captain and to the Physician-General of the Navy.

Appendix,
No. 4.

3.

When a Surgeon shall be superseded, he is to deliver the whole of the Stores in his charge to his Successor, by Survey, in the annexed Form, the Report of which is to be made out in triplicate, and signed by himself and his successor, as well as by the Surveying Officers; one copy to be transmitted as a Voucher to the remains in his final Account, another to be forwarded by his Successor with his annual Account as a Voucher to the first charge therein, and the third to be delivered to the Captain for transmission to the Commander-in-Chief, or Senior Officer on the Station; observing that the

Appendix,
No. 5.

Account is always to be closed, when practicable, at the expiration of Twelve Months, by a Survey on the Remains, to be also made out and properly signed in triplicate; one of which is to accompany the closed Account, one to be delivered to the Captain for the Commander-in-Chief, &c., and the other to be sent with the succeeding Account. But should the Ship be paid off, then the whole of the Stores are to be returned, and the Account closed, whether she be intended for re-commissioning or for laying up in ordinary; and the Receipts for the quantities returned into Store to be transmitted with the Account, together with the Captain's Certificate of Good Conduct, &c. for the period, and the other documents referred to in Article 5.

4.

Dispensaries for the reception of Medicines and Medical Stores being now fitted up in all classes of His Majesty's Ships, to the Sloops' rate inclusive, the respective Medical Officers will, on application at the Hospital, or Dépôt, at the Port where they fit out, be supplied with the proper Chests, observing that to Vessels below the Sloops' rate one Chest only is to be supplied; but to those above that rate as follows, viz.—

1st Rates 3 Chests each.

2d, 3d, 4th, 5th, and 6th Rates, and }
Sloops 2 Ditto ditto.

From one of which Chests the contents are to be immediately removed into the Dispensary, and the Chest when so emptied is to be forthwith returned into Store, together with the Packing-Cases in which the Necessaries are sent on board; and he is to observe that he will be held strictly responsible for the due care and preservation, not only of the Bottles, Jars, Medicines, and Stores in the Dispensary, but also for the safety of the Chest or Chests retained on board, with their contents, which are to be properly secured in the Cockpit, or other safe place, so that he may have ready access to them at any time; Commanding Officers being strictly prohibited, on any pretence whatever, from striking them down into the Hold, or Spirit-Room, or placing

Appendix.
See Diagrams
and Note for
the Chests,
Nos. 1, 2, 3,
and 4.

them in any situation where they may sustain injury; otherwise they will be called upon to pay the amount of damage; and he is to replace from the said Chests the Medicines, &c. expended in the Dispensary, and to return the empty Bottles, &c. into the spaces from whence the full ones are taken; and from the annual Report of Survey he is to make Demands in the annexed Forms, showing the quantities remaining, and required to complete the established proportions according to the Scales; which Demands, when approved by the Captain, are to be taken with the Medicine Chest or Chests, &c. to the Hospital, or Depôt, in order that the requisite Supplies may be obtained; observing that as a means of preventing any inconvenience or delay, all Demands are to be presented (except in extreme cases) before Three o'Clock in the Afternoon, and Stores are not to be returned after that Hour, nor are Demands to be repeated for Medicines, Utensils, or Necessaries, within a Year, nor for Groceries within Six Months, unless the Ship be ordered on detached Service, or that extraordinary circumstances have caused an unusual expenditure, in which case a particular Statement is to be submitted to the Physician-General of the Navy. This Regulation, however, is not to apply to Trusses, which are to be completed as often as necessary, and the Receipts for those issued to be transmitted in the written Form, as per margin, with the annual Account. And should any articles of Medicine, Utensils, Bedding, or Necessaries become unfit for use, they are not to be taken credit for, nor returned into Store, until a Survey, in the annexed Form, shall have been held upon them, and the Report made out in triplicate, specifying the probable cause of their becoming unserviceable; one of which Reports is to accompany the articles when returned into Store, one delivered to the Captain for the Commander-in-Chief, &c., and the other, with the Receiving Officer's Receipt, is to be transmitted as a Voucher to the Account in which credit is taken for the Articles; observing that credit will not be allowed for any Bedding or Utensil lost or expended, or any

Appendix,
Nos. 6 and 7.

Appendix,
Nos. 1 and 2.

Appendix, A.

Appendix,
No. 8.

breakage of the Bottles or Jars belonging to the Medicine Chest, unless a Certificate from the Captain, detailing the circumstances of the loss or breakage, shall be transmitted with it.

5.

Every Supply of Medicines, Necessaries, &c., from a regular Establishment will be accompanied by Invoices, numbered as per margin, by which he is to examine the several quantities, to see that they are correct, when they are to be entered in the proper columns of his annual Account, as per margin, taking particular care that the articles supplied be faithfully administered for the relief of the Sick and Wounded, and that no part of them be either wasted, embezzled, or applied to any other purpose than that for which they are intended; and, on closing the said Account, he is to execute the Declaration attached thereto, and transmit it with the documents recapitulated in the List at the back thereof, and the necessary Receipts for supplies of Medicines, &c., which he may have been authorized by his Captain to make to other Ships, or on any emergency; and if, from unforeseen causes, the Medicines, &c. should be expended at a time when he cannot have intercourse with a Naval Hospital, or Medical Depôt, nor procure a sufficiency from another Ship, he is to represent the same to the Captain, who will obtain from the Senior Officer present an Order in writing to purchase such articles as may be necessary, and cannot be supplied from the Ship's stores; in which case an addition is to be made to the Declaration to the effect, "that the amount of the Bill or Bills of Exchange drawn by him in payment of the articles purchased, and included in the Account, was actually paid by him for the same, without any benefit or advantage to him, or to any person on his behalf."

6.

On receiving the Order of the Senior Officer present, to make the necessary Purchases, the Surgeon is to procure the

Hospital Instructions, Nos. 58 and 59.

Appendix, No. 9.

same on the most advantageous terms, taking care that they be good and fit for His Majesty's Service; and he is to obtain
Appendix, B. Vouchers, in duplicate, agreeably to the Form annexed, for the quantities purchased, taking great care to have all the particulars correctly inserted.

The Medicines so purchased are, if circumstances will permit, to be examined by the Physician of the Fleet, should there be one present; if not, by himself and his Assistants, who are to sign a Certificate of such examination on the Voucher.

Necessaries, or other articles than Medicines, are to be examined by the Master and the Purser, who are to certify on the Voucher to the quality and quantity of the several articles so purchased and received on board, and in payment thereof the Surgeon is to draw a Bill of Exchange, in the
Appendix, C. annexed Form, on the Accountant-General of the Navy at Three Days' sight, taking care that the Rate of Exchange be correctly certified on the Bill. He is also to advise of having drawn such Bill, transmitting one copy of the Voucher with the Letter of Advice to the Accountant-General of the Navy, and the other with his annual Account to the
Appendix, No. 9. Physician-General of the Navy.

7.

The Pursers of all Ships proceeding to Foreign Stations are supplied with Preserved Meats, to be *issued gratuitously*, in quantities of from two to six ounces per Man per diem, to such of the Sick and Convalescents on board as may in the Surgeon's opinion stand in need of such refreshment; but the latter quantity is not to be exceeded, unless under very peculiar circumstances.

The Surgeon is, therefore, with the approval of the Captain, to demand of the Purser, in writing, such quantities as he may from time to time require, and proceed according to the directions laid down in Article 1.

8.

Whenever a part of the Ship's Crew may be ordered on distant Boat Service, or detached Service in Tenders, small Vessels, &c., so as to expose them in a greater degree to Wet, or Night-Air, he is to endeavour, by timely representation to the Captain or Commanding Officer, to prevent any Men from being sent on such duty who may have but recently recovered from Illness, or returned from Hospital or Sick-Quarters, as they must naturally be more liable to injury from such exposures than those whose constitutions have not been affected by disease; and the Captains or Commanding Officers will strictly attend to the Surgeon's representation, as far as the general state of the Crew and the circumstances of the Service will admit.

9.

Sickness and mortality among Seamen in Tropical Climates being frequently caused by the nature of their occasional duties on Shore, and Peruvian Bark with Wine having been found of great utility as a preventive, the Surgeon is, therefore, on all such occasions, to request of the Captain a List of the Men who are to be sent on Shore to procure Wood or Water, or on other laborious duty; and should he consider it advisable, he is to recommend for each Man previously to his leaving the Ship in the Morning, a dram of powdered Bark in half a gill of sound Wine, and the like quantity of Wine after the mixture; or if there be no Wine on Board, one-eighth of a gill of Spirits and a fourth of a gill of Water, which proportions are also to be recommended for each Man on his return to the Ship in the Evening; and should any Men remain on Shore during the Night, he is to furnish the Officer commanding them with a sufficient quantity of Bark and Wine (or Spirits), mixed in the same proportions, for their use both Night and Morning, observing that as the Wine, or Spirits in lieu, so administered by order of the Cap-

tain, is in addition to the established daily allowance. He is not to give any Receipt to the Purser for the same, nor to be in any manner accountable for the quantities so issued, as the Captain will grant the necessary Certificate. And he is to observe attentively the subsequent state of Health of the Men to whom the Bark shall have been thus administered, and to report very fully to the Physician-General of the Navy his opinion of its effects, noting the total quantity of Wine or Spirits so issued, and under what circumstances, at the conclusion of his remarks, at the end of the Journal.

10.

When from bad Weather, or any other cause, the Lower Deck Ports of Ships of the Line cannot be opened, and the space between Decks thus become replete with moisture and noxious effluvia, he is to apply to the Captain to cause Iron Pots or Hanging-Stoves with burning cinders, to be distributed between Decks, and in the Well, or any other of the lower parts of the Ship in which they can be placed with safety.

When infection shall exist, or there shall be cause to suspect its existence, he is to adopt, with the Captain's permission, every possible measure for checking it, bearing in mind that dryness, cleanliness, and ventilation are the most effectual means as well for preventing as destroying disease and contagion; and, when the latter exists, he is to recommend that the Bedding and Clothes of the Men be frequently opened and spread loose in the fresh air, that they may be completely purified; and all Persons whose illness he may suspect to be infectious are to be stripped on their entry into the Sick-Berth, and, if practicable, washed with soap and warm water, and supplied with clean linen. He is to take care that their own Bedding, and the Clothes they have recently worn, be immersed in boiling water, and washed before they are returned to them. The Mattresses, Blankets, Sheets, &c., appropriated to the use of the Sick, are frequently, in suitable weather, to

be hung up separately on lines for the purpose of being purified by ventilation.

11.

Hair Mattresses, Sheets, Linen Caps, and Pillows, with all necessary utensils for Patients confined to Bed, being allowed, together with Soap for washing and cleansing the persons of the Sick, he and his Assistants are to take particular care that the Patients be kept in a state of perfect cleanliness. He is also to be very careful that the Mattresses, Sheets, Caps, and all other articles supplied for the use of the Sick, be not injured, destroyed, or embezzled; and to this point his attention is to be directed on his visits to his Patients, which visits are not to be less than twice each day, and as much oftener as the respective cases may require; and he is to take care that his Assistants also visit them from time to time, and that they report to him every necessary particular regarding their conditions, complaints, &c., and whether the Persons appointed to attend the Sick are observed to be duly attentive to them.

12.

As he has charge of the Health of so many Persons, who, from crowded accommodations, the nature of their Diet, the variation of the Weather and Climate, and numerous other circumstances, are liable to infectious Fevers, and various other diseases, as well as to Wounds, or injuries incidental to their mode of life, the guarding against and counteracting the attendant evils will depend very materially on his own resources and promptitude in applying the most speedy remedies according to circumstances; and as Sickness (which in the most favourable situation on Shore must in some degree depress the spirits) cannot fail to lead to despondency on board Ships of War, where there are so many inconveniences and privations that cannot be remedied, it will become his duty to soothe and cheer the minds of his Patients by the most humane attention, and all possible consolatory

kindness; to listen with patience to all complaints or grievances, whether real or imaginary, and to show every disposition to redress them; as this conduct will materially tend to create confidence, to exhilarate the spirits, and thus add to the hope of recovery.

13.

The Patients are to be removed, when the Surgeon shall judge it necessary, into the Sick-Berth, which, as well as all Persons appointed to attend it, is to be under his immediate direction; and he is to take care that it be kept at all times as clean and dry as possible, for which purpose, as well as for the comfortable warmth of the Patients, a Stove with clear burning cinders is to be kept therein as often as he may think it needful; and, on his request, the Captain will cause him to be supplied with covered buckets and all other requisite conveniences, and allow such a number of the Ship's Company as may be proper to attend the Sick night and day as Nurses, in addition to the established Attendant, and he is to make due representation of any negligence or want of attention in the performance of their duty. He is to take particular care that Medicines and proper drink be provided every evening in sufficient quantities to serve until morning; and as drink to the Sick, particularly in Fevers, is essential to their comfort and recovery, he is to give the most positive directions that the Nurses and Attendants offer, and gently press it upon the Patients every hour, or oftener, according to circumstances; and he is to leave strict orders with his Assistants, and with the Nurses, that in the event of any alteration taking place in the state of Patients labouring under dangerous diseases, he be immediately acquainted therewith, by day or night, in order that no time may be lost in affording the necessary assistance.

14.

Should Ulcer at any time become prevalent among the Crew, the Persons so affected are to be kept apart from the

Ship's Company, and as much as possible from each other, and the strictest attention is to be observed that all removed dressings be thrown overboard, and the foul bandages immediately put into a bucket of boiling water, for the purpose of destroying all contagious or infectious matter, and afterwards properly washed. He is also to allow every ulcerated Patient a Sponge to himself, which is daily to be purified in boiling water; and, should washing the sores be deemed necessary, he is strictly to observe that the Ulcers of no two Patients be washed in the same water. When an Ulcer shall have run into the sloughing stage, he is to cause the Patient to be kept entirely apart from the others, and in a situation where the best degree of ventilation can be preserved.

15.

He is not to confine his attention exclusively to Patients in the Sick-Berth, or to those who may be actually Sick, but to be attentive to every circumstance that may occur or in any degree tend to affect the Health of the Ship's Company, which he is at all times carefully to observe; and should he suspect the appearance of disease or indisposition in any Man, he is to examine him minutely, although he may not have made any complaint, and on finding his suspicion well founded, he is immediately to take such steps as may be necessary, in order that, by an early attention to every case of disease, the cure may be more speedy, and the communication of it prevented; and upon long cruises or voyages, when there is not a sufficiency of Lemon-Juice on board for the whole Ship's Company, he is on his occasional Inspections of the Crew, to ascertain whether any of them have symptoms of Sea Scurvy; and should he discover any tendency thereto, although too slight for putting them on the Sick-List, he is to demand Lemon-Juice and Sugar from the Purser for their use, as directed in the 1st Article.

16.

He is to take care that every preparation be made for the accommodation and treatment of Wounded Men, and therefore whenever the Ship shall be cleared for Action, he is, with his Assistants and others appointed to attend him, to repair to the Cockpit, or such other place as the Captain shall direct, where a platform and other conveniences are to be provided; and he is to instruct all those stationed with him, as well as others whom the Captain may appoint, in the use of the Tourniquet, causing a sufficient number of temporary substitutes for that article to be made and distributed to the different quarters, and sending two or three, at least, into each Top, to be applied as occasion may require; so that the Wounded Men may suffer as little as possible from the loss of blood, while waiting until he shall be able to attend to them.

17.

He is on all occasions, when any dangerous or infectious disease may appear, immediately to apprize the Captain, for the purpose of its being reported to the Commander-in-Chief, or Senior Officer present, and to communicate with the Physician of the Fleet, if there be one, on those and all other points relative to the Health of the Officers and Ship's Company, as well as to take care that detailed or particular Statements thereof be communicated to the Physician-General of the Navy in the Nosological Returns.

18.

It having frequently occurred that the Crews of Ships returning from Foreign Stations have on their arrival in Northern Latitudes, particularly in the Winter Season, been afflicted with Catarrhal, Pulmonic, and Rheumatic complaints, and other dangerous diseases, usually occasioned by a sudden change of temperature and deficiency of Clothing, the Surgeon is therefore, whenever he learns that the Ship is destined to

proceed from a Warm to a Cold Climate, to submit the matter to the Captain, and recommend the adoption of proper measures to provide against such contingencies.

19.

When any Man shall die on board a Ship, the Surgeon is to transmit by the earliest opportunity to the Physician-General of the Navy, as also to the Physician of the Fleet, should there be one, a particular detail of the circumstances; and in all cases of sudden death, where there has not been any previous indisposition, he is to apply to his Captain to have the body carefully examined, with a view to ascertain the cause of dissolution, a full and explicit Report of which investigation is also to be transmitted.

20.

For the better accommodation and comfort of the Sick and Wounded on board His Majesty's Ships, it has been directed that a Sick-Mess should be formed, under the superintendence of the Surgeon; and that he may be enabled to procure the first Supplies for that Mess in Ships fitting out, a sum of Money, according to the rate of the Ship, as specified in the following Scale, will be placed at his disposal from a fund to be formed as hereafter directed, and called the "Sick-Berth Fund," viz.—

1st Rate	£16	0	0
2d „	14	0	0
3d „	12	0	0
4th „	10	0	0
5th „	8	0	0
6th „	6	0	0
Sloops	5	0	0

21.

Upon any Patient being entered on the Sick-List, for whom a change or regulation of Diet may be necessary, the Surgeon

is to give immediate information to the Purser by a Note, who is thereupon to stop such Person's regular allowance of Provisions, and proper Diet is to be assigned him on such of the Scales in the following Scheme as the Surgeon may deem adviseable; for which purpose he is to demand from the Purser such articles of Provisions, &c., as he may consider necessary, including Wine or Spirits, should the state of the Sick require the use of either medicinally; and that Officer is, at the end of each Quarter of a Year, to pay into the hands of the Surgeon such Sums as the portion of Provisions so stopped from the Patients may amount to, at the established prices for Savings, except Fresh Meat, which is to be paid for at "*four-pence per pound*;" and the quantities of the various articles, with the value so paid, he is to include in the usual List of Savings, as made by the Sick-Mess.

A SCHEME OF DIET proposed for the Sick on board His Majesty's Ships (daily), viz. :—

	Full Diet.	Half Diet.	Low Diet.
Soft Bread (when procurable)	1 lb. . . 12 oz. . .	8 oz.	
Beef	1 lb. . . 8 „ . .	none.	
Vegetables (when procurable)	1 lb. . . 8 „ . .	none.	
Broth	1 pint . . 1 pint . .	$\frac{1}{2}$ pint.	
Barley for ditto	12 drams . 12 drams .	6 drams.	
Or Rice, in lieu of Barley	10 „ . . 10 „ . .	5 „	
Pot Herbs (when procurable)	24 „ . . 24 „ . .	24 „	
Salt	8 „ . . 8 „ . .	8 „	
Vinegar	16 „ . . 16 „ . .	none.	
Tea	3 „ . . 3 „ . .	3 drams.	
Sugar	14 „ . . 14 „ . .	14 „	
Milk (when procurable)	$\frac{1}{3}$ of a pint. . $\frac{1}{3}$ of a pint.	1 pint.	
Wine	at the discretion of the Surgeon.		
Cocoa (as a substitute for Tea)	1 oz. . . 1 oz. . .	1 oz.	

N.B. The Necessaries in the Scale, Appendix, No. 2, are to form part of the Diet for the Sick, with a proportion of Preserved Meat or Soup (as per Article 7), and such Articles of their daily allowance as the Surgeon may deem advisable.

22.

The Surgeon is to be particularly careful to charge himself with all Sums of Money received by him, whether from the Sick-Berth Fund, from the Purser, for Stoppages, or otherwise, and with which he is to purchase such Stock and extra articles as may be considered necessary for the benefit of the Sick, taking care that the Expenditure be limited to the amount in hand; and he is to observe that no issues of Tea, Sugar, or other Necessaries in the Scale, will be allowed beyond the proportions therein specified, except under very particular circumstances, a detailed Statement of which is to accompany the Account in which Credit is taken for the Expenditure; and in all Rates, down to the 5th inclusive, he is to recommend to his Captain a proper Man of good character from the Ship's Company for the Rating of Sick-Berth Attendant, with the Pay, &c. of an Able Seaman, whose duty it will be to attend exclusively on the Sick, without being called away at any time by the other ordinary duties of the Ship, unless by the order of his Captain or Commanding Officer, in case of emergency.

Appendix,
No. 2.Appendix,
No. 9.

23.

The Surgeon is to deliver to the Captain a Quarterly Statement of his Receipts and Disbursements for this Service, checked and countersigned by the Purser, with regular Vouchers for his Payments, and the Balance in hand is to be carried to the Debit of the next Quarter's Account, or paid over by the Surgeon to his Successor, as the case may be; but if the Ship should be paid off, the balance is to be invariably delivered by the Surgeon, with a Certificate of the amount, into the hands of the Purser, who will give a Receipt for the same, and debit himself therewith in his General Cash Account Current, which sum he is not to apply to any other purpose whatever; but should there not be any Balance for him to receive, he is to make a notation to that effect at the foot of the Account Current, and to produce a Certificate from the Surgeon in support thereof; and at the end of every annual or

Appendix, D. final Account, the Surgeon is to forward therewith to the Physician-General of the Navy an Abstract, in the written Form, as per margin, to show the amount received and expended by him for such Service in each Quarter, the details of which had been previously examined and delivered to the Captain, together with the Receipt of his Successor, or, should it be a final Account, of the Purser, for the Balance.

24.

When Fish are caught for the Ship's Company, the Surgeon is to give the Captain a List of the Men who stand most in need of such refreshment, that they may be first supplied; and whenever Convalescents belonging to other Ships shall be sent on board from a Hospital, or otherwise they are to be treated by the Surgeon in the same manner as the Sick belonging to his own Ship, and to be put upon such Diet as he shall judge proper; and should the Funds of the Sick-Mess be expended, and he be of opinion that the Patients under his care would derive benefit from Hospital Diet, he is to make out a List of them, and, when approved by the Captain, transmit it with a demand to the Surgeon of the Hospital for the requisite number of daily Rations, granting Receipts to that Officer for the same, and taking particular care that the Purser be duly informed of the names and number so victualled, that they may be wholly checked of their Provisions on board, and noted, "*Victualled on Hospital Diet*," during the period of such Victualling; as credit will be allowed on the Hospital Books for the number of Rations, the same as if the parties had been Patients therein.

25.

Whenever there shall be Men on board, who, from the general state of their Health, or the particular nature of their Hurts or Diseases, may be considered no longer fit to serve in His Majesty's Navy, the Surgeon is to report them to the Captain, that they may be surveyed; but he is to be very careful not

suffer himself to be deceived by any who may feign complaints for the purpose of obtaining their discharge from the Service; and with those who shall be invalided and subsequently sent to a Hospital, to await a conveyance, or sent direct on board a Ship for a passage to England, a concise Statement of each Case, detailing the Medical Treatment to the period of their being invalided, is to be delivered to the Surgeon of the Hospital or of the Ship in which they are embarked, that it may be given to the Officer of the Hospital or the Surgeon of the Flag or other Ship into which such Invalids shall be finally discharged. And when Officers are invalided from Foreign Stations, the Surgeon of the Ship in which they served is to deliver to each, sealed up, a detailed Statement of the commencement and progress of his complaint, addressed to our Secretary, in order that we may be enabled to judge more correctly of the propriety of his having been invalided.

26.

The Medical Officer in charge of Invalids embarked for a passage home is to take particular care that the Necessaries and other articles supplied for their refreshment, to the amount specified in the following Scale, according to the Station, be exclusively appropriated to their use; and such portion as may remain unexpended when the Invalids are discharged, with the empty Packages, Bottles, &c., are to be returned into Store, and the Receipt for the same, with a statement showing the total quantity of the several articles received, expended, and returned (distinct from his annual Account of Medicines, &c.), and a List of the Invalids originally embarked, in the annexed Form, he is immediately to transmit to the Physician-General of the Navy; and, should any have died during the Passage, he is also to transmit the original statement of the Cases received with them, accompanied by a detail of the symptoms and mode of treatment while under his care.

Appendix,
No. 9.

Appendix, E.

SCALE OF ALLOWANCE for Necessaries to Invalids on their Embarking
from Foreign Hospitals and Stations for England.

	£.	s.	d.
East India Station per Man	2	2	0
Cape of Good Hope, South America, } West Indies, and Halifax . . . }	1	1	0
Gibraltar and the Mediterranean . . .	0	10	6

27.

When Men can be conveniently cured on board, they are not to be sent either to a Hospital, Hospital-Ship, or Sick-Quarters, unless where Infection exists, or the nature of their Wounds, Diseases, &c., may render their retention on board dangerous to others or injurious to themselves; or when the number of the Sick and Wounded be so great as to prevent their receiving proper attendance. Whenever, therefore, it shall become necessary to send any Patients out of the Ship to a Hospital, the Surgeon is to inform the Captain or Commanding Officer of it, who will, without delay, give the requisite Orders for preparing their Sick-Tickets and Conduct-Lists, and noting upon the back of the former whether the parties had been victualled on board for that day or not, also for inserting thereon an Inventory of each Man's effects, when they are to be carefully tied up, and marked with the name of the Ship and the Owner, in readiness to be put into the Boat with him, observing particularly that the Arms and Accoutrements of Marines are not to be sent with them to Hospitals on Foreign Stations. The Surgeon is also to give as early information as possible to the Resident Superintendent at Haslar and Plymouth, or to the chief Medical Officer of other Hospitals, of the number of Patients intended to be sent, and the probable time at which they will be disembarked, in order that due preparation may be made for their reception, and every precaution taken to prevent the communication of infectious Disease; and on all occasions an Officer, accompanied by the Surgeon, or one of his Assistants,

will be sent with them to see that they are properly received at the Hospital, or Sick-Quarters, and that they are conveyed thither with as little inconvenience as possible ; and should two Boats be required, the Surgeon is to be in the one with the worst cases, in order to afford ready relief on the passage. A detailed Statement, sealed up, is to be delivered with the Men at the Hospital, showing the manner in which they were first seized, the nature and progress of their disorders, the means used for their cure, and stating if there be reason for suspecting any of their complaints to be feigned.

28.

Every Surgeon, from whose Ship any Men shall have been sent to a Hospital, is, during his stay at the Port, to visit them as frequently as the Captain may direct, previously ascertaining from the Medical Officer under whose care the Patients may be, the propriety of doing so, in order to ascertain whether any of them be so far recovered as to return to their Ship ; in which case he is to report the circumstances to his Captain.

29.

By a standing Regulation at the Naval Hospitals, a Signal is directed to be made whenever an operation is about to be performed. The Surgeons of His Majesty's Ships and Vessels at the Port will therefore observe, that they are to attend at every such operation when the Service will permit ; and, with the Captain's permission, to take with them such of their Assistants as can be spared from the duties of the Ship.

30.

He is to keep a Daily Sick-Book, in the annexed Form, from which he is, every Morning, to deliver to the Captain a List of those who are unable to attend to Duty, with a description of their Cases as entered in the Book, and suggest any measures he may consider necessary for their comfort and accommodation. He is also to report particularly if there be any whose distempers

Appendix, F.

are infectious, in order that they may be sent out of the Ship; or if that cannot be done, that they may be separated from the other Patients, as well as from the Ship's Company; and every possible precaution taken to prevent the progress of the Disease; transmitting a Copy of the Daily Sick-Book, on foolscap paper, to the Physician-General, with his Journal and Account, together with a properly arranged Synopsis, in the Nosological Form, of every case in the Sick-Book during the period.

Appendix, F.

Appendix,
No. 10.

31.

He is, without fail, to transmit regularly to the Physician-General of the Navy, *completed to the end of every Calendar Month*, when on the Home Station, and, when Abroad, *to the end of every Three Calendar Months*, a Nosological Return of the state of the Sick, in the annexed Form, properly filled up and signed by himself, subjoining thereto, under the head of Remarks, a full and comprehensive account of the several Diseases, the state of the Weather and Climate, and the average height of the Thermometer, for which purpose he is to keep a Journal of the Weather; and he is also to detail every other circumstance that may have had an influence in promoting Health or generating Sickness in the Ship's Company; each Return to be accompanied by a List, in the Form as per margin, of the parties to whom Pension-Certificates may have been granted during the period of such Return; or should there not have been any granted, a notation to that effect is to be made thereon; and a List of such Returns as were transmitted during the period of the Account is to be sent therewith, in the Form annexed; but in the event of a continuance of any prevailing Sickness when Abroad, whether of an endemic or epidemic nature, or whether originating from contagion, or peculiar constitution of the atmosphere, the Return is to be sent monthly, or as often as opportunities may offer. If there should be a Physician of the Fleet on the Station, a Copy of every Nosological Return is to be transmitted to him; and upon the arrival of the Ship in

Appendix,
No. 10.

Appendix, G.

Appendix, H.

England from Abroad, or from a Cruise, a Return is to be immediately transmitted to the Physician-General, which is not to supersede or in any manner interfere with the Returns ordered to be made at the regular stated periods. The Surgeon is also to transmit to the Commander-in-Chief, through his Captain, weekly, or at such other period as he may direct, a Return of the state of the Sick on board.

32.

He is to keep a rough and a fair Journal of his practice, in the annexed Form, transmitting the latter to the Physician-General of the Navy at the end of each year, carefully noting therein every Disease, and detailing the daily symptoms of all particular cases, (including those sent to the Hospital, as well as cases of Death and Invalids,) with the Medicines prescribed; and, under the head of General Remarks, to give a history of the complaints that prevailed in the Ship during the period of the Journal, and carefully to fill up the List at the end, with the names of all the parties who may have received Wounds or Hurts, specifying those to whom Pension-Certificates have been given; and, if any malignant or infectious Diseases shall have existed, he is to endeavour to trace them to their source, and to account for their introduction, explaining the means used for destroying the infection and preventing its re-appearance, and also what has been the general economy of the Ship. For the omission of these points no excuse will be admitted; and he is further most strictly enjoined, at all times, to keep his fair Journal in such a state of forwardness, that, in the event of any sudden accident to himself, it may, with his Accounts, be transmitted as above directed.

Appendix,
No. 11.

33.

It being considered expedient that the practice of Vaccine Inoculation should be extended through His Majesty's Navy, he is to advise all the Men who may be known to have hitherto escaped the Small-Pox, or who may be even doubtful of having

had that Disease, to be inoculated with the Vaccine Virus ; and directions being given that a column shall be appropriated in the Description-Books for the purpose of noting against the name of every Man, whether he has had the Small Pox, or been vaccinated, he is to make a corresponding note on the cases sent to the Hospital, with the Men referred to in Articles 25 and 27.

34.

When directed by the Captain or Commanding Officer to inspect Men newly received, he is not only to examine their persons very carefully, to ascertain whether they have any Hurts or Disease, or are in any other respect unfit for the Service, but he is also to inquire very particularly as to the circumstances in which they may have recently been, for the purpose of judging whether there be any risk of their bringing an infectious disorder into the Ship ; also whether they are pensioned on Greenwich Hospital, and if so, to represent it to the Captain ; and whenever Men shall be received on board from a Rendezvous or Receiving-Ship, whom he shall, on examination, consider unfit for the Service, he is to report, in writing, to the Captain, his reasons for deeming them so, in order that he may thereupon adopt the measures particularly directed by his Instructions.

35.

By the Regulations for His Majesty's Service at Sea, it is directed, that, with the exception of the Officers named in the Margin, all other Warrant Officers, Petty Officers, Seamen, Marines, and others on Sea-Pay, shall be entitled to Pensions when Wounded or Hurt in the Service so as to disable them from continuing therein ; and that when any person shall receive such injury, the Surgeon is, without delay, to acquaint the Captain or Commanding Officer with all the particulars, in order that he may direct a Pension-Certificate to be made out, which is to be signed by himself, a Lieutenant, the Master, the Surgeon, and the Purser, and delivered to the party,

Masters,
Secretaries,
Physicians,
Chaplains,
Surgeons, and
Pursers.

Appendix,
No. 12.

agreeably to the said Regulations, *before he is discharged from the Ship*. The Surgeon is therefore to make out the Certificate, according to the Form in the Appendix, taking care that the nature of the injury and the manner in which it happened be minutely described therein; but he is most positively directed not to grant any such Certificate for Rupture, unless the Man shall make application to him, or his Assistant, immediately after the accident; and in that case the circumstances by which the Rupture was occasioned are to be accurately stated, with the date on which it occurred; and, in addition to the usual signatures, the Certificate is to bear that of any Officer who may have witnessed the accident, and is to be dated on the day, or at latest the day after, it shall have been reported.

Appendix,
No. 12.

36.

Every Surgeon or Assistant-Surgeon serving on board any of His Majesty's Ships or Vessels is, previously to his sending any Letter or Communication relative to his public duty to us, or to the Physician-General of the Navy, to submit the same to the Captain or Commanding Officer of his Ship or Vessel, who is to note thereon his approval, or such observations as he may think necessary, observing that all Letters for the Physician-General of the Navy are to be sent under cover to our Secretary, with "Physician-General" written in the left-hand corner.

37.

Every Surgeon and Assistant-Surgeon is to give immediate information to us of the day on which he shall have joined, or quitted any Ship; and every such Officer being unemployed is, during Peace, to report his Address on the 31st December; and in time of War, on the 31st March, 30th June, and 30th September also, in each year, and as often as he shall change

his Abode, in order that his Residence may be known; and should he at any time be in London for the purpose of taking up an Appointment, or, on being superseded, or paid off from a Ship, he is without fail to report himself personally to the Physician-General of the Navy.

38.

Whenever any unusual expenditure of Medicines or Stores or departure from the Regulations, Orders, or Instructions, or, in short, whenever anything out of the common course shall occur, he is to attach an Explanation thereof to the Account for the Period during which the same may occur, otherwise the Certificate for his Pay will be withheld.

39.

He is to obey all Directions which he may at any time receive from the Physician-General of the Navy, (or the Physician of the Fleet,) relating to the dispensation of Medicines, or the treatment of the Sick; and to furnish every information, and in such Form, as may from time to time be required respecting the patients under his care, and the means adopted for their cure: also to communicate his observations upon any points that he may consider beneficial to the Service, and to propose such measures as he may think likely to conduce to the health and comfort, as well of those under his immediate care as of Seamen in general.

40.

And, finally, as many favourable opportunities are afforded to the Surgeons of His Majesty's Ships on Foreign Stations for obtaining a knowledge of the medical topography and course of the seasons of the several Ports and Countries which they may visit, as also of the most prevalent Diseases, and the general method of treating them, together with the history, properties, preparations, and uses of the medicinal plants or productions, their particular attention is required for the attain-

ment of competent information on these interesting points, to which it is expected that their most zealous exertions will be devoted, as well for the purpose of benefiting the scientific branches of the Profession, as for exhibiting a laudable example to their Assistants, to whom this injunction is likewise directed, and from whom an equal degree of attention will be expected to the subject.

INSTRUCTIONS

FOR THE

ASSISTANT-SURGEONS OF HIS MAJESTY'S FLEET.

INSTRUCTIONS

FOR THE

ASSISTANT-SURGEONS OF HIS MAJESTY'S FLEET.

INSTRUCTIONS

FOR THE

ASSISTANT-SURGEONS OF HIS MAJESTY'S FLEET.

I.

As each Assistant-Surgeon of His Majesty's Ships in Commission will be supplied with a Copy of these Instructions, he is to comply therewith in every respect as far as they relate to him, especially in cases in which, owing to the Death or Absence of the Surgeon, he may be required to act in his place.

2.

He is to send to the Physician-General of the Navy at the end of every year's service, and also on quitting a Ship, a Certificate from the Captain of such Service, and of his Conduct; and a Certificate to the same effect from the Surgeon, stating also that he has furnished himself with the Instruments required, and that they are in complete order; and he is to observe that if he do not regularly transmit such Certificates in original, at the periods required, the omission will be regarded as an objection to his being placed on the Half-Pay List, and to his Promotion.

INSTRUCTIONS

FOR THE

ASSISTANT-SURGEONS OF HIS MAJESTY'S FLEET.

1.

As each Assistant-Surgeon of His Majesty's Ships in Commission will be supplied with a Copy of these Instructions, he is to comply therewith in every respect as far as they relate to him, especially in cases in which, owing to the Death or Absence of the Surgeon, he may be required to act in his place.

2.

He is to send to the Physician-General of the Navy at the end of every year's servitude, and also on quitting a Ship, a Certificate from the Captain of such Service, and of his Conduct; and a Certificate to the same effect from the Surgeon, stating also that he has furnished himself with the Instruments required, and that they are in complete order; and he is to observe that if he do not *regularly* transmit such Certificates, in original, *at the periods required*, the omission will be regarded as an objection to his being placed on the Half-Pay List, and to his Promotion.

APPENDIX

THE NUMBERS IN THE TABLES

No. of Inhabitants	No. of Inhabitants	No. of Inhabitants	No. of Inhabitants
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52

APPENDIX

TO

THE SURGEONS' INSTRUCTIONS.

CONTENTS.

	DESCRIPTION.	No. of the Form.	Articles to which they refer.	
Included for the Information of the Surgeons as to the Proportion.	Scale of Medicines and Utensils . . .	1	1	
	„ Necessaries	2	1, 22	
Issued to the Hospital as required.	{ Instruments to be provided by a Surgeon, —and Certificate of Condition. . . }	3	2	
	{ Ditto to be provided by an Assistant-Sur- geon }	4	2	
These Forms will be supplied for the service of the Ship, and must not be used for any other purpose, nor in any manner wasted.	{ Surveys on Remains of Medicines, Uten- sils, and Necessaries }	5	3	
	{ Demand and Receipt,—for Medicines and Utensils }	6	4	
	{ Ditto, for Necessaries }	7	4	
	{ Survey on Unserviceable Articles. . . }	8	4	
	{ Annual Account of Expenditure . . . }	9	3, 5	
	{ Nosological Returns }	10	31	
	{ Journal, with continuations }	11	32	
	{ Pension-Certificates }	12	35	
	Samples to show the Form in which the Returns are to be written and trans- mitted.	{ Form of a List of Trusses issued. . . }	A.	4
		{ „ Voucher for Purchases. . . }	B.	6
{ „ Bill of Exchange in Payment . . }		C.	6	
{ „ the Expenses of the Sick-Mess . . }		D.	23	
{ „ a List of Invalids brought Home . . }		E.	26	
{ „ Daily Sick-Book }		F.	30	
{ „ List of Pension-Certificates . . }		G.	31	
{ „ List of Nosological Returns sent . . }		H.	31	
Introduced for the informa- tion of the Surgeon, in the event of the Form on the Lid being injured.	Diagram of Medicine-Chest, No. 1. . .	..	4
	„ „ „ No. 2. . .	..	<i>ib.</i>
	„ „ „ No. 3. . .	..	<i>ib.</i>
	„ „ „ No. 4. . .	..	<i>ib.</i>
	General Note to the above . . . . .	..	<i>ib.</i>

Referred to in Article 1 of these Instructions.

No. 1.

A SCALE of the PROPORTIONS in the under-mentioned Classes of MEDICINE CHESTS, calculated for One Year, for the number of Men specified.

MEDICINES.	No. 1 Chest, 300 Men.			No. 2 Chest, 150 Men.			No. 3 Chest, 75 Men.			No. 4 Chest, 40 Men.		
	lbs.	oz.	dr.	lbs.	oz.	dr.	lbs.	oz.	dr.	lbs.	oz.	dr.
Acaciæ Gummi.....	1	4	0	0	10	0	0	5	0	0	3	0
Acidi Citrici	1	8	0	0	12	0	0	6	0	0	3	0
Acidi Nitrici Diluti.....	0	4	0	0	2	0	0	1	0	0	0	4
Acidi Sulphurici Diluti....	4	0	0	2	0	0	0	12	0	0	8	0
Ammoniaci Gummi	0	4	0	0	2	0	0	1	0	0	0	6
Ammonia Carbonatis	0	8	0	0	4	0	0	2	0	0	1	2
Antimonii Tartarizati.....	0	4	0	0	2	0	0	1	0	0	0	4
Anthemidis Florum	0	12	0	0	8	0	0	4	0	0	2	0
Argenti Nitratis	0	1	0	0	0	4	0	0	2	0	0	1
Aurantii Cort. Exsiccati....	1	12	0	0	12	0	0	8	0	0	6	0
Camphoræ.....	0	8	0	0	4	0	0	2	0	0	1	0
Ceræ Albæ	2	0	0	1	0	0	0	8	0	0	4	0
Cerati Calaminæ	6	0	0	3	0	0	1	8	0	1	0	0
—— Cetacei	7	0	0	4	0	0	2	0	0	1	8	0
—— Resinæ	6	0	0	3	0	0	1	8	0	1	0	0
Cetacei.....	1	0	0	0	8	0	0	4	0	0	2	0
Cinchonæ Lanc. Cort. Pulveris	3	8	0	2	0	0	1	0	0	0	10	0
Confectionis Aromaticæ	0	8	0	0	4	0	0	2	0	0	1	2
Cretæ Preparatæ	1	0	0	0	8	0	0	4	0	0	2	4
Cupri Sulphatis.....	0	4	0	0	2	0	0	1	0	0	0	6
Emplastri Cantharidis.....	4	0	0	2	0	0	1	0	0	0	10	0
—— Plumbi	3	0	0	1	8	0	0	12	0	0	8	0
—— Resinæ	2	0	0	1	0	0	0	8	0	0	6	0
Extracti Colo. Comp.....	0	8	0	0	4	0	0	2	0	0	1	2
—— Conii.....	0	4	0	0	2	0	0	1	0	0	0	6
—— Hyoscyami.....	0	4	0	0	2	0	0	1	0	0	0	6
Gentianæ Radicis.....	2	0	0	1	0	0	0	8	0	0	6	0
Guaiaci Resinæ	0	4	0	0	2	0	0	1	0	0	0	6
Hydrargyri Nitr. Oxyd. Ppt.	0	4	0	0	2	0	0	1	0	0	0	6
—— Oxymuriatis ...	0	0	4	0	0	2	0	0	1	0	0	1
—— Submuriatis ...	1	8	0	0	12	0	0	6	0	0	3	0

No. 1.—*continued.*

MEDICINES.	No. 1 Chest, 300 Men.			No. 2 Chest, 150 Men.			No. 3 Chest, 75 Men.			No. 4 Chest, 40 Men.		
	lbs.	oz.	dr.	lbs.	oz.	dr.	lbs.	oz.	dr.	lbs.	oz.	dr.
Ipecacuanhæ Rad. Pulv. . . .	0	8	0	0	4	0	0	2	0	0	1	0
———— Pulv. Comp. . . .	0	8	0	0	4	0	0	2	0	0	1	0
Jalapæ Rad. Pulv.	1	4	0	0	10	0	0	6	0	0	3	0
Lini Semin.	4	0	0	2	0	0	1	0	0	0	12	0
Liquoris Ammonia.	0	8	0	0	4	0	0	2	0	0	1	0
———— Arsenicalis	0	4	0	0	2	0	0	1	0	0	0	4
———— Plumbi Acet.	1	8	0	0	12	0	0	6	0	0	5	0
———— Vol. Cornu Cervi. . . .	1	0	0	0	8	0	0	4	0	0	2	0
Magnesia Subcarbonatis . . .	0	14	0	0	6	0	0	4	0	0	2	0
———— Sulphatis	48	0	0	21	0	0	12	0	0	7	0	0
Olei Croton Tygli*	0	0	11 $\frac{1}{2}$	0	0	1	0	0	0 $\frac{3}{4}$	0	0	1
———— Menth. Pip.	0	1	0	0	0	4	0	0	2	0	0	2
———— Olivæ	3	0	0	1	8	0	0	12	0	0	6	0
———— Ricini	2	0	0	1	0	0	0	8	0	0	4	0
———— Terebinth.	1	0	0	0	8	0	0	4	0	0	2	0
Opii Crudi	0	8	0	0	4	0	0	2	0	0	1	2
Pilulæ Hydrarg.	0	12	0	0	6	0	0	3	0	0	1	4
Potassæ Nitr. Purif.	2	0	0	1	0	0	0	8	0	0	4	0
———— Subcarbonatis	1	8	0	0	12	0	0	6	0	0	3	0
———— Supertartratis	1	8	0	0	12	0	0	6	0	0	3	0
Pulv. Antimonialis	0	8	0	0	6	0	0	3	0	0	1	4
———— Scammoneæ	0	4	0	0	2	0	0	1	0	0	0	4
Quassia Ligni	0	8	0	0	4	0	0	2	0	0	1	0
Rhei Rad. Pulv.	0	10	0	0	6	0	0	3	0	0	1	4
Sennæ Foliorum	1	0	0	0	8	0	0	4	0	0	2	0
Speciei pro Confect. Opii. . .	0	4	0	0	2	0	0	1	0	0	0	4
Spiritus Æther Nitr.	0	8	0	0	4	0	0	2	0	0	1	0
———— Rectificati	2	0	0	1	0	0	0	8	0	0	4	0
Sulphuris Loti	1	8	0	1	0	0	0	8	0	0	4	0
Sulphatis Quinæ	0	2	0	0	1	0	0	0	4	0	0	2
Tinctura Catechu	1	8	0	0	12	0	0	6	0	0	4	0
———— Cinnam. Comp.	0	12	0	0	6	0	0	3	0	0	2	0
———— Digitalis	1	0	0	0	8	0	0	4	0	0	2	0
———— Ferri Muriatis	0	4	0	0	2	0	0	1	0	0	0	4
———— Opii	0	8	0	0	4	0	0	2	0	0	1	0
———— Rhei	1	8	0	0	12	0	0	6	0	0	4	0
———— Scillæ	0	8	0	0	4	0	0	2	0	0	1	0
Unguenti Hydr. Fort.	6	0	0	3	0	0	1	8	0	0	12	0
———— Nitr.	0	8	0	0	4	0	0	2	0	0	1	0
———— Sulph. Comp.	3	8	0	2	0	0	1	0	0	0	8	0
Vini Antim. Tartarizati . . .	0	8	0	0	4	0	0	2	0	0	1	0
———— Colchici Sem.	0	8	0	0	4	0	0	2	0	0	1	0
Zinci Sulph.	0	8	0	0	4	0	0	2	0	0	1	0
Zingiberis Rad. Pulv.	1	0	0	0	8	0	0	4	0	0	2	0

All fluids to be issued by measure.

* One Dram of Croton Oil to be supplied to all vessels entitled to one No. 3 Chest only.

No. 1.—*continued.*

UTENSILS, &c.		No. 1 Chest, 300 Men.	No. 2 Chest, 150 Men.	No. 3 Chest, 75 Men.	No. 4 Chest, 40 Men.
Bolus Knives.....	In No.	1	1	1	1
Tiles.....	"	1	1	1	1
Empty {	Bottles, Half Pint.... D...	20	12	10	5
	Vials . { 6 oz. graduated E... "	12	8	6	3
	{ 1½ oz. K... "	12	8	6	3
Corks {	Half Pint..... Gross	2	2	1	0½
	Vial..... "	3	3	2	1
Gallipots, empty.....	In No.	20	12	10	5
Measures, Pewter	"	1	1	1	1
" Glass, graduated	"	1	1	1	1
Mortar, Marble or Metal	"	1	1	1	1
Scales and Weights.....	Sets	1	1	1	1
Spatulas {	Pot	1	1	1	1
	Plaster	1	1	1	1
Funnels	"	1	1	1	1
Sponge	oz.	8	4	2	1
Fine Tow	lbs.	4	3	2	1
Medicine Chest.....	In No.	1	1	1	1
Bottles in ditto, No. 4.....	"	6	2	1	0
" 5.....	"	3	6	4	5
" 8.....	"	1	0	3	9
" 9.....	"	2	3	4	9
" 10.....	"	3	0	0	0
" 11.....	"	2	2	0	0
" 12.....	"	2	2	0	0
" 12½.....	"	2	2	2	0
" 13.....	"	5	2	3	0
" 14.....	"	2	5	2	3
" 15.....	"	1	2	6	4
" 16.....	"	1	1	1	4
" 17.....	"	5	1	0	0
" 17½.....	"	3	1	0	0
" 18.....	"	4	1	0	0
" 18½.....	"	1	4	2	0
" 19½.....	"	0	1	3	2
" 22.....	"	0	3	6	4
" 26.....	"	0	1	1	0
" 27.....	"	9	2	1	0
" 28.....	"	2	5	2	2
" 28½.....	"	1	0	0	0
" 29.....	"	0	2	3	1
" 30.....	"	2	1	3	0
" 34.....	"	0	0	1	4
" 35.....	"	0	1	2	1
" 36.....	"	0	1	2	4
Jars, White, No. 1.....	"	4	0	1	0
" 2.....	"	6	3	0	0
" 3.....	"	5	4	0	0
" 4.....	"	0	7	3	3
" 5.....	"	0	1	7	5
" 6.....	"	5	1	0	4
" 7.....	"	2	7	8	3
Gallipots with Medicine	"	0	0	0	9

NOTE.—Each Chest to contain either a Metal or a Marble Mortar; but only one of the former allowed to each Ship. The No. 3 Chest intended for Vessels entitled to one Chest only; and the No. 4 Chest is to have a Metal and a Marble Mortar in each.

Referred to in Articles Nos. 1 and 22 of these Instructions.

No. 2.

SCALE of Bedding, Lemon-Juice, and Necessaries, for the use of the Sick on board His Majesty's Ships and Vessels.

RATES OF SHIPS.	NUMBER ALLOWED.				ANNUAL PROPORTION.				NUMBER ALLOWED.										ANNUAL PROPOR- TION.		SIX MONTHS' PROPORTION.				PACKAGES.				CHLORIDE OF LIME, ANNUAL.			
	Sheets.	Pillows.	Night-caps.	Hair Beds.	Lemon-Juice.	Calico.	Flannel.	Lint.	Tourniquets.	Patent Trusses.		Bed-Trans.	Urinals.	Spitting-Pots.	Cast-Iron Saucepans.			Pewter Basins.	Do. Cups.	Copper Boilers.	Tea.	Soft Sugar.	Sago.	Rice.	Pearl Barley.	Soap.	Tin Canisters for				Tropical Climates.	Mediterranean.
										Single.	Double.				2 Quarts.	3 Pints.	1 Pint.															
First Rate . . .	20	20	20	20	360	100	66	10	16	No. 10	3	2	2	8	No. 1	2	No. 1	1	2	No. 2	36	216	30	60	60	30	lbs. 100	50				
Second Rate . . .	16	16	16	16	288	80	54	9	12	No. 10	2	2	2	7	No. 1	2	No. 1	1	2	No. 2	30	180	25	50	50	25	lbs. 100	50				
Third Rate . . .	13	13	13	13	234	65	44	7	10	No. 8	2	2	2	6	No. 1	2	No. 1	1	2	No. 2	24	144	20	40	40	20	lbs. 100	50				
Fourth Rate . . .	9	9	9	9	152	45	30	6	8	No. 8	2	2	2	3	No. 1	2	No. 1	1	2	No. 2	16	96	13	26	26	13	lbs. 50	25				
Fifth Rate . . .	6	6	6	6	108	30	20	4	6	No. 5	2	2	2	3	No. 0	1	No. 1	1	1	No. 1	11	66	9	18	18	9	lbs. 50	25				
Sixth Rate . . .	4	4	4	4	72	20	15	4	4	No. 5	1	2	2	2	No. 0	1	No. 1	1	1	No. 1	8	48	6	12	12	6	lbs. 25	12				
Sloop. . .	3	3	3	3	54	15	10	2	4	No. 3	1	1	1	1	No. 0	1	No. 1	1	1	No. 1	5	32	5	10	10	5	lbs. 12	12				
Cutters, Gun-Brigs, Schooners, &c.*	None allowed.				36	10	7	2	4	No. 2	1	1	1	1	No. 0	1	No. 1	1	1	No. 0	3	18	3	6	6	3	lbs. 6	6				

* Steam-Vessels, on Foreign Stations, are each to be supplied annually with Twenty-five Pounds of Chloride of Lime.

In War, the above Quantities of Calico, Flannel, Sago, Rice, and Pearl Barley, are to be increased *One Half*.

N.B.—The Articles of Tea, Sugar, and Soap (with Lemon Juice, on Foreign Stations), being in the Purser's charge as General Ship Stores, are to be demanded of that Officer, from time to time, as required, care being taken not to exceed the proportions specified in the above Scale, and regular Receipts are to be granted, quarterly, for the same by the Surgeon, who is to obtain Supply-Notes from the Purser in return; and he will also observe that Depôts of Medicines and Necessaries are established on Foreign Stations, either at the Naval Hospitals or on board the Flag Ships, where he can complete the proportions at the regular periods.

Referred to in Article 2 of these Instructions.

No. 3.

at

the

I hereby certify that, in conformity with the 2d Article of the Surgeons' Instructions, I have this day examined the Instruments belonging to Mr. _____ Surgeon of His Majesty's _____ and find as follows:—

Established Proportion of Instruments, &c. to be provided by a Surgeon.	In good Order.	Requiring Repair.	Unserviceable.	Deficient.
Three Amputating Knives				
One ditto Saw, with spare blade				
One Metacarpal ditto, with ditto				
Two Catlins				
One Pair of Artery Forceps				
Two dozen curved Needles				
Two Tenaculums				
Six Pettitt's Screw Tourniquets.				
One Pair of Bone Nippers and } Turnscrew }				
Three Trephines				
Saw for the Head				
Lenticular and Rugine				
Pair of Forceps				
Elevator				
Brush				
Two Trocars				
Two Silver Catheters				
Two Gum Elastic ditto				
Six Scalpels				
Small Razor				
Key Tooth Instrument				
Gum Lancet				

No. 3.—*continued.*

Established Proportion of Instruments, &c. to be provided by a Surgeon.	In good Order.	Requiring Repair.	Unservice- able.	Deficient.
Two Pair of Tooth Forceps . .				
One Punch				
Two Seton Needles				
Pair of Strong Probe Scissars .				
Curved Bistoury with a Button				
Long Probe.				
Pair of Bullet Forceps . . .				
Scoop for extracting Balls . .				
Two Probangs				
Half a Pound of Ligature Thread				
One Paper of Needles . . .				
Case with Lift-out				
Apparatus for restoring sus- pended Animation . . . }				
Set of Pocket Instruments . .				
Six Lancets, in a Case . . .				
Two dozen Bougies, in a Case .				
Two Pint Pewter Clyster Sy- ringes. }				
Six small Pewter Syringes . .				
Two Sets or Bundles of Com- mon Splints }				
Twelve Flannel or Linen Rollers				
Two 18-tailed Bandages . . .				
Twenty Yards of Web for Tourniquets }				
Sixty Yards of Tape, different Breadths }				
A Cupping Apparatus, con- sisting of One Scarificator and Six Glasses }				
Fahrenheit's Thermometer . .				

Surgeon in charge of the } at
Medicines, &c.

Referred to in Article 2 of these Instructions.

No. 4.

LIST of Instruments, with which Assistant-Surgeons are to furnish themselves.

	No.		No.
Amputating Knives	2	Silver Catheters	2
Ditto Saw	1	Elastic Gum Catheter	1
Metacarpal Saw with two Blades	1	Scalpels	6
Catlin	1	Key Tooth Instrument	1
Artery Forceps	1	Spare Claws of different sizes	3
Curved Needles	12	Gum Lancet	1
Tenaculums	2	Tooth Forceps, curved	1
Tourniquets	2	————— straight	1
Bone Nippers	1	Punch	1
Trephines	2	Seton Needle in Scales	1
Head Saw	1	Long Probe	1
Raspitory	1	Bullet Forceps	1
Forceps	1	Probang	1
Brush.	1	Set of Pocket Instruments	1
Elevator	1	Lancets	12
Trocars	2	Pewter Syringes	6
Fahrenheit's Thermometer	1		

N. B. When an Assistant-Surgeon is appointed to a Ship not bearing a Surgeon, he is to provide himself with the following Articles, in addition to the above.

Bougies, in a Case	6 No.
Common Splints.	1 Set.
Flannel or Linen Rollers	3 No.

Referred to in Article 3 of these Instructions.

No. 5.

SERVICE AFLOAT.

Pursuant to an Order from

WE, whose Names are hereunto subscribed, have been on board His Majesty's _____, and there taken a strict and careful Survey on the Medicines, Utensils, &c. in Charge of Mr. _____ Surgeon of the said Ship, and find the quantities to be as follows, which we have left in Charge of

MEDICINES, &c.	Quantities found on Survey.			Present State and Condition, and if Unserviceable, the Probable Cause.
	lbs.	oz.	dr.	
Names of the Medicines, Utensils, and Necessaries, to be inserted as they stand in the Scales No. 1 and 2, together with such Packages, Chests, Cases, Bottles, &c. as may be on Charge.				

And we do declare that the preceding Survey has been taken by us with the greatest care, and we conscientiously believe the same to be correct.

Given under our Hands, on board His Majesty's _____
at _____ the _____ day of _____ 18

Surgeon of His Majesty's

Ditto of ditto

Ditto of ditto

} *Surveying
Officers.*

Surgeon giving up Charge.

Ditto taking Charge.

Referred to in Article 4 of these Instructions.

No. 6.

SERVICE AFLOAT.

H. M. S. { THE Medicines and Utensils being reduced to the
at { under-mentioned Remains, I have to request that
this { the Quantities required to complete the proportions
for this Ship, according to the Scale, No. 1, may
be forthwith furnished.

ARTICLES.	Proportions, as per Scale.			Remains.			Quantities required to complete.		
	lb.	oz.	dr.	lb.	oz.	dr.	lb.	oz.	dr.
Here insert Names of Medi- cines and Utensils, in the same Order as in Scale, No. 1.									

Surgeon.

Approved,

Captain.

To Mr.

of

at

RECEIVED the

18, of Mr.

of

, at

, the Quantities specified in the third

column of the foregoing Demand.

Surgeon.

Referred to in Article 4 of these Instructions.

No. 7.

SERVICE AFLOAT.

H. M. S.

at

this

{ THE Bedding, Necessaries, &c., being reduced to the under-mentioned Remains, I have to request that the Quantities required to complete the proportions for this Ship, according to the Scale, No. 2, may be forthwith furnished.

ARTICLES.	Proportions for a Rate, when complete with Men.	Remains.	Quantities required to complete.
Here insert Description of Necessaries, in the same Order as in Scale, No. 2.			

Surgeon.

Approved,

Captain.

To Mr.

of

at

RECEIVED the
, at
column of the foregoing Demand.

18 , of Mr. of
, the Quantities specified in the third

Surgeon.

E

Referred to in Article 5 of these Instructions.

No. 9.

AN ACCOUNT of the Receipts, Issues, Expenditure, &c. of Medicines and Medical Stores of every description, on board
His Majesty's the Mr. Surgeon,
between the and the

MEDICINES.	First Charge, Date, and how obtained.	Received since at		Received since at		Total Charge.	Expended for the use of the Sick.		Returned into Store or is- sued to other Ships, &c.	Where returned, or to what Ship, &c. issued, and Dates thereof.		Remains per Survey, dated the	
		lb.	oz. dr.	lb.	oz. dr.		lb.	oz. dr.				lb.	oz. dr.
Insert the Names of the Medicines as they stand in the Scale No. 1.													

[illegible]

No. 9. continued.—4th Part.

A LIST of the DOCUMENTS referred to in Articles 3 and 5 of these Instructions, to be forwarded with this Account.—To the transmission of which it is particularly directed that strict attention be paid; and should any omission or irregularity occur, the causes are to be fully explained in the space below*.

Article	Appendix	Documents.	No. sent.	*
32	No. 11	The Fair Journal complete . . . . .	..	..
30	F	Copy of the Daily Sick-Book on Foolscap Paper. . . . .	..	..
Ibid.	No. 10	Nosological Synopsis of Ditto . . . . .	..	..
2	No. 3	Certificate of the state of Instruments on first joining . . . . .	..	..
3	No. 5	Reports of Survey on Medicines, Utensils, and Necessaries, on taking charge from a Predecessor, on closing an Annual Account, and on being superseded, in which case it must be signed by the Officer taking charge . . . . .	..	..
4	No. 8	Reports of Survey on Unserviceable Articles . . . . .	..	..
1	..	{ Issue-Notes from the Purser for such Articles as are to be included in the Account . . . . .	..	..
5, 6	B, if purchased	{ Invoices of Medicines, &c. received from any Establishment, purchased or otherwise . . . . .	..	..
3, 4, & 5	..	{ Receipts for all Serviceable or Unserviceable Articles returned into Store, or to the Purser, &c. . . . .	..	..
5	..	{ Receipts for Articles supplied to other Ships . . . . .	..	..
23	D	{ Abstract of the Receipt and Expenditure for the Sick Mess, with the Receipt for the Balance, should it be a final Account } Captain's Certificate to the Loss or Expenditure of Bedding, &c. } Ditto ditto of Service and Good Conduct for the } Period of the Account . . . . .	..	..
4	..	List of Trusses issued, with Parties' Receipts thereto . . . . .	..	..
3	..	List of Nosological Returns transmitted during the Period of the Account. . . . .	..	..
4	A	..	..	..
31	H	..	..	..

I, Surgeon of His Majesty's the do solemnly and sincerely declare that, to the best of my knowledge and belief, the foregoing Account of the Receipt and Expenditure of Medicines, Utensils, Bedding, Necessaries, &c., and the Documents attached thereto, are correct; and that I have not at any time since the issuing of the new Instructions recommended or sanctioned the invaliding of any individual whom I did not honestly consider to be a fit and proper object. And I make this declaration, conscientiously believing the same to be true, and in pursuance of the Provisions of an Act of 6 Wm. IV., cap. 62.

Attested this

Surgeon.

Referred to in Article 32 of these Instructions.

No. 11.

MEDICAL and SURGICAL JOURNAL of His Majesty's _____ between
the _____ and the _____ during which time the
said _____ has been employed in _____

Nature of Disease.	No. of Case.	Men's Names, Ages, Qualities, Time when, and where taken ill, and how disposed of.	The History, Symptoms, Treatment, and Daily Progress, of the Disease or Hurt.

No. 11.—continued.

ABSTRACT of the preceding JOURNAL, being a Summary of all the Cases, Nosologically arranged.

Nature of the Disease, or Hurt.	Put on the Sick List.	Discharged to Duty.	Sent to the Hospital.	Died on Board.	Invalided.		Number of each Case.
					Harbour Duty.	Unserviceable.	
The Names of Diseases to be inserted in the same Order as in Form No. 10.							

No. 11.—continued.

A LIST of Men who have received Wounds or Hurts, during the period of the Journal.

No. on the Ship's Books.	Names.	Age.	Quality.	Date of Pension-Certificate, if granted.	Hurts, with the nature thereof, time when, how, and where received.
REMARKS.					

Referred to in Article 35 of these Instructions.

No. 12.

CERTIFICATE FOR WOUNDS AND HURTS.

Here describe minutely the nature of the Injury sustained, and the manner in which it occurred, as required by the 35th Article of the Surgeons' Instructions.	THESE ARE TO CERTIFY the Right Honourable the Lords Commissioners of the Admiralty that		
	quality Majesty's	was by	on board His

on the about County of	day of years, born at or near Complexion particular marks or scars.	one thousand eight hundred and being then actually upon His Majesty's Service in* Aged in the Hair Stature feet inches
Dated the	of Captain. Master.	Lieutenant. Surgeon.

Examined at the Admiralty Office, the State of the Wound at that time Pension per Annum Duration	of Purser.
---	---------------

NOTE.—These Certificates are to be given to such Men only as, having received Wounds or Hurts in the Service, are thereby rendered incapable of continuing in the service of the Ship; but they are not to be given for Wounds or Hurts occasioned by drunkenness or other improper conduct.

Referred to in Article 4 of these Instructions.

A.

A LIST of Trusses issued on board His Majesty's _____ the
between the _____ day of _____ and the
day of _____

When issued.	To whom.	Quality.	Of what ship, and when last supplied with a Truss.	Trusses.		Signature of the Party receiving the same.
				Single.	Double.	

Surgeon.

Referred to in Article 6 of these Instructions.

B.

FORM OF A VOUCHER FOR PURCHASES.

Mr.
Surgeon of H. M. S.

}

Bought of
at

18

Species and Quantity.	Rate.	Value. Currency.
Insert the Articles purchased in the weight or measure of the country, together with the relative proportions in British weight and measure.	Insert the price in currency for the weight or measure by which the Purchase was made.	
Which	Currency at the Exchange of	pence per
	amounts to £	Sterling.

B.—*continued.*

Received this 18 from Mr. _____
 Surgeon of His Majesty's ship _____ the full amount of the
 foregoing account by a Bill of Exchange on the Accountant-General of His
 Majesty's Navy, at three days' sight, for the sum of _____ pounds
 shillings and _____ pence.

Vender.

We, being two Medical Practitioners residing at _____ do
 hereby certify that the prices charged for the articles specified in this voucher
 are the fair wholesale prices at this place; that the proportions between the
 weight and measure of this country and of England are correctly stated
 opposite each article; and that the present rate of exchange for bills on the
 British Government, at three days' sight, is _____ pence per

Given under our hands at _____ this 18

 A. B.
 C. D.

I do hereby certify, that the articles mentioned in the foregoing voucher were
 purchased by my order, and that the receipt of them is duly entered in the
 log-book.

 F. H., Captain.

We*, the undersigned, Surgeon and Assistant Surgeon of His Majesty's ship
 _____ do hereby certify, that we have examined the Medicines
 specified in the foregoing voucher, and find them correct in quantity, good in
 quality, and fit for His Majesty's Service.

Surgeon.

Assistant-Surgeon.

We do hereby certify that we have examined the Medical Necessaries men-
 tioned in the foregoing voucher, and have found the same correct in quantity,
 good in quality, and fit for His Majesty's Service, and that the same were
 actually received on board His Majesty's ship _____ in kind.

Master.

Purser.

* If there be a Physician of the Fleet present, this certificate is to be signed by that officer only.

C.

FORM OF A BILL OF EXCHANGE.

£	sterling.	First of Exchange.
---	-----------	--------------------

Three days after sight of this my first of Exchange (second and third of the same tenor and date not paid), pay to my Order on the back hereof, the sum of pounds shillings and pence, according to the rate of Exchange above stated, being for Medicines and Medical Necessaries purchased for the use of His Majesty's ship as per letter of advice and vouchers.

To the Accountant-General of His Majesty's Navy,
London.

Captain.

B. N. } *Merchants.*
A. W. }

No. 18
Due

Approved.

Accountant-General of the Navy.

N. B.—This bill must be endorsed by the drawer at the time it is negotiated, or it will be refused acceptance. Nor is any part to be torn, cut off, or defaced, by erasures or otherwise; but errors are to be corrected with the pen.

Referred to in Article 23 of these Instructions.

Dr. D. Cr.
Mr. Surgeon.

The Sick-Mess of H. M. S.

Dr.

Dates.	From whence received.	£	s.	d.	Dates.	How expended.	£	s.	d.
	Sick-berth Fund by Bill on the Accountant-General . . .				18	By Purchases, as per account and vouchers delivered to the Cap- tain . . .			
	or, Predecessor . . .					By ditto as per ditto . . .			
	or, Last account . . .					By ditto as per ditto . . .			
	or, Purser in Quarter . . .					By ditto as per ditto . . .			
	Ditto in Quarter . . .					By balance carried to next ac- count . . .			
	Ditto in Quarter . . .					or, By ditto paid over to successor, as per receipt herewith. . .			
	Ditto in Quarter . . .					or, By ditto paid over to the Purser, as per receipt herewith. . .			
	Total . . .					Total . . .			

Approved,

Captain.

Surgeon.

Referred to in Article 26 of these Instructions.

E.

LIST of INVALIDS brought to England in charge of Mr.
Surgeon of H. M. S. from

Names.	Quality.	From what Ship, or whence received.	When received.	Disease.	How disposed of.	Date.

Surgeon.

Referred to in Article 30 of these Instructions.

F.

FORM of a SICK-BOOK, a copy of which, on Foolscap paper, is to accompany the Journal and Account.

When put on Sick-List.	Names.	Age.	Quality.	Disease or Wound.	When put off Sick-List.	How disposed of.

Surgeon.

1900 - 1901

His Majesty's Ship *at* *the* *day of* 18

Surgeon.

Referred to in Article 4 of these Instructions.

MEDICINE CHEST.—No. 1.

TOP.

LEFT-HAND TRAY.

CENTRE TRAY.

RIGHT-HAND TRAY.

No. 13. Pulv. Antim.	No. 13. Pulv. Scammon.	No. 13. Zinc. Sulph.	No. 11. — Camphora.	No. 11. — Rhei Rad. Pulv.	No. 18. Tinct. Cinnam. Co.	No. 18. Liq. Vol. C. C.	Spatulas, Bolus Knife, and Pestle.					No. 12. Ipecac. Rad. Pulv.	No. 4. — Spt. Ether Nitric.	No. 28. — Potassæ Supertart.
No. 10. — Zingiberis Rad. Pulv.	No. 18. — Oleum Olivæ.	No. 18. — Tinct. Digital.	No. 18. — Ol. Terebin.	No. 18. — Tinct. Digital.	No. 5. Acid. Nit. Dilut.	No. 5. Tinct. Ferri Mur.						No. 5. — No. 5. Liq. Arsen.	No. 12. Hyd. Submur.	No. 4. — Vin. Antim. Tart.
No. 27. — Magnes Subcarbon.	No. 27. — Magnes Subcarbon.	No. 27. — Potass. Nit. Purif.	Sponge.					No. 15. Hyd. Nit. Oxyd. ppt.	No. 4. — Tinct. Opil.	No. 10. — Potassæ Subcarbonas.				
No. 27. — Cinchonæ Lanc. Cortex Pulv.	No. 27. — Cinchonæ Lanc. Cortex Pulv.	No. 27. — Cinchonæ Lanc. Cortex Pulv.						No. 16. Argent. Nitras.	No. 8. Ol. Menth. Pip.	No. 9. — Hyd. Oxym.	No. 14. Cupri Sulph.	No. 4. — Liq. Ammon.	No. 17. — Tinct. Catechu.	No. 17. — Acid Sulph. Dilutum.	No. 17. — Oleum Ricini.
No. 27. — Acidum Citricum.	No. 27. — Cetaceum.	No. 27. — Sulph. Lotum.	Tile					No. 10. — Jalapæ Rad. Pulv.	No. 17. — Liq. Plumbi. Acetat.	No. 4. — Tinct. Scilla.	No. 17. — Acid Sulph. Dilutum.	No. 17. — Oleum Olivæ.		
Emp. Plumbi, 3 lbs.—Emp. Resinæ, 2 lbs.—Phial Corks—Scales and Weights— under this Tray.								No. 23. — Creta ppt.	No. 13. — Spec. Pro. Conf. Opil.	No. 30. — Guaiaci Resinæ.	No. 30. — Confect. Aromat.	No. 17. — Spt. Rectif.	Emp. Cantharides, 1 lb.—Cera Alba, 2 lbs.—Part of Half-pint Corks— under this Tray.	

MEDICINE CHEST.—No. 1.

BOTTOM.

No. 2 Jar. — Ceratum Resinæ.	No. 2 Jar. — Lini Semina	No. 9. Oleum Tyglli.	No. 3 Jar. — Anthem. Flor.	No. 3 Jar. — Quassia Lignum.	No. 3 Jar. — Sennæ Folia.	No. 3 Jar. — Ung. Hyd. Fort.	No. 3 Jar. — Ung. Sulph. Comp.
No. 2 Jar. — Ceratum Calaminæ.	No. 2 Jar. — Aurantii Cortex Exsicc.	No. 6 Jar. Ung. Hyd. Nit.	Space for 20 D. Bottles. 12 E. Phials. 4 K. ditto.				No. 1 Jar. — Mag. Sulphas.
No. 2 Jar. — Ceratum Cetacci.	No. 2 Jar. — Gentianæ Radix.	No. 6 Jar. Pil. Hyd.					No. 1 Jar. — Mag. Sulphas.
		No. 6 Jar. Opium.					No. 1 Jar. — Mag. Sulphas.
		No. 6 Jar. Ext. Colo. Comp.					
		No. 6 Jar. Ammon. Gum.					

Fine Tow and K. Phials are stowed under the Nos. 2 and 3 Jars.

Referred to in Article 4 of these Instructions.

MEDICINE CHEST.—No. 2.

TOP.

LEFT-HAND TRAY.

CENTRE TRAY.

RIGHT-HAND TRAY.

No. 27. Cinchon Lane. Cort. Pulv.	No. 27. Magnes Subcarbon.	No. 12½. Camphora.	No. 13. Ammon. Carbon.	No. 14. Zinci Sulph.	No. 14. Pulv. Antim.	No. 14. Pulv. Scammon.	No. 28. Cetaceum.	No. 18½. Tinct. Catechu.	No. 12. Potass. Subcarbon.
No. 23. Potass. Nit. Purif.	No. 28. Acidum Citricum.	No. 12. Rhei Rad. Pulv.	No. 13. Hydrarg. Submuriat.	No. 26. Ol. Terebinth.	No. 16. Argent. Nit.	No. 22. Acid. Nit. Dilut.	No. 23. Cinch. Lane. Cort. Pulv.	No. 5. Tinct. Opil.	No. 5. Vin. Antim. Tart.
No. 11. Jalapoe Rad. Pulv.	No. 29. Potass. Supertart.	No. 29. Liquor Ammon.	No. 14. Ipecac. Pulv. Comp.	No. 12½. Ipecac. Rad. Pulv.	No. 36. Hyd. Nit. Oxyl.	No. 29. Liq. Arsenicul.	No. 28. Sulph. Lotum.	No. 5. Spt. Ether Nit.	No. 35. Confect. Aromat.
No. 17. Acid. Sulph. Dilutum.	No. 17½. Oleum Olive.	No. 9. Ol. Menth. Pip.	No. 5. Vini Colchici.	No. 15. Antim. Tart.	No. 4. Tinct. Digital.	No. 18½. Liq. Plumbi Acetat.	No. 29. Acac. Gummi.	No. 14. Spt. Pro. Conf. Opil.	No. 22. Tinct. Ferri Mur.
	No. 4. Liq. Vol. C. C.	No. 15. Cup. Sulph.	K. Phials, Sponge, and Cera Alba.			No. 18½. Tinct. Rhei.	No. 30. Creta ppt.	No. 18½. Oleum Ricini.	No. 18. Spt. Rectif.

2 Spatulas—1 Bolus Knife—Phial Corks—Scales and Weights—
in the Drawer under the Left-hand Tray.

Half-pint Corks, with E. Phials—
in the Drawer under the Centre Tray.

12 Gallipots—2 lbs. Emplast. Cantharidis—1½ lb. Emp. Plumbi—
14 lb. Emp. Resinae—1 Pestle—
in the Drawer under the Right-hand Tray.

MEDICINE CHEST.—No. 2.

BOTTOM.

No. 7 Jar. Ext. Col. Comp.	No. 7 Jar. Ext. Conii.	No. 7 Jar. Ext. Hyoscyam.	No. 7 Jar. Guaiaci Resina.	No. 7 Jar. Ammon. Gum.	No. 9. Oleum Tygii.	No. 2 Jar. — Mag. Sulphas.	No. 2 Jar. — Mag. Sulphas.	No. 2 Jar. — Mag. Sulphas.
No. 4 Jar. — Ung. Hyd. Fort.	No. 4 Jar. — Anthem. Flores.	No. 4 Jar. — Sennæ Folia.	No. 4 Jar. — Ceratum Cetacci.	No. 4 Jar. — Ceratum Cetacci.	No. 3 Jar. — Aurant. Cort. Exsicc.	No. 5 Jar. — Quassia Lignum.	No. 7 Jar. — Pil. Hyd.	No. 7 Jar. — Ung. Hyd. Nit.
No. 4 Jar. — Ung. Sulph. Comp.	No. 4 Jar. — Lini Semen.	No. 4 Jar. — Ceratum Cetacci.	No. 3 Jar. — Ceratum Resinæ.	No. 3 Jar. — Gentianæ Radix.	No. 3 Jar. — Pewter Funnel, Do. Measure, Mortar, and Fine Tow.	No. 4 Jar. — Ceratum Cetacci.	No. 7 Jar. — Pil. Hyd.	No. 7 Jar. — Ung. Hyd. Nit.
No. 3 Jar. — Gentianæ Radix.	No. 3 Jar. — Ceratum Resinæ.	No. 3 Jar. — Ceratum Calaminæ.	No. 3 Jar. — Aurant. Cort. Exsicc.	No. 3 Jar. — Pewter Funnel, Do. Measure, Mortar, and Fine Tow.	No. 3 Jar. — Pewter Funnel, Do. Measure, Mortar, and Fine Tow.	No. 4 Jar. — Ceratum Cetacci.	No. 7 Jar. — Pil. Hyd.	No. 7 Jar. — Ung. Hyd. Nit.

D. Bottles—12 in Number.

Fine Tow under the Nos. 4, 5, and 7 Jars and Mortar.

Referred to in Article 4 of these Instructions.

MEDICINE CHEST.—No. 3.

TOP.

LEFT-HAND TRAY.

CENTRE TRAY.

RIGHT-HAND TRAY.

No. 28. — Mag. Subcarb.	No. 23. — Quassia Lig.	No. 18½. — Oleum Olivæ.	Emp. Cantharidis.	Half-pint Corks.	No. 35. — Conf. Aromat.	No. 35. — Sp. Pro. Conf. Opil.	No. 22. — Tinct. Opil.	No. 22. — Tinct. Scillæ.	No. 22. — Vin. Antim. Tart.
No. 12½. — Jalapæ Rad. Pulv.	No. 5. — Liq. Vol. C. C.	No. 26. — Ol. Ricini.	Emp. Plumbi.	Spatulas.	No. 15. — Hyd. Subm.	No. 15. — Pulv. Antim.	No. 15. — Pulv. Scammon.	No. 15. — Zinc. Sulph.	No. 9. — Hyd. Nit. Oxyd.
No. 12½. — Zingiberis Rad. Pulv.	No. 5. — Ol. Terebinth.	No. 14. — Ammon. Carbon.	Pestle.	—	Sulph. Quinæ.	No. 34. — Creta ppt.	No. 5. — Tinct. Cin. Comp.	No. 5. — Tinct. Cin. Comp.	No. 9. — Hyd. Oxyd.
No. 5. — Tinct. Digital.	No. 19½. — Tinct. Rhei.	No. 14. — Ipecac. Rad. Pulv.	Bolus Knife.	—	No. 30. — Acaciæ Gum.	No. 36. — Antim. Tart.	No. 36. — Cupri Sulph.	No. 13. — Camphora.	—
No. 27. — Cinchon. Lanc. Cort. Pulv.	No. 19½. — Acid Sulph. Dil.	No. 15. — Ipecac. Pulv. Co.	Glass Graduated Measure.	—	No. 30. — Acid Citricum.	No. 22. — Vini Colchici.	No. 9. — Oleum Tygii.	No. 13. — Rhei Rad. Pulv.	—
—	—	No. 16. — Argent Nit.	—	—	—	—	—	—	—
—	—	No. 19½. — Liq. Plumbi Acetat.	—	—	No. 29. — Cetaceum.	No. 29. — Potass. Nit. Pur.	No. 29. — Potass. Supertart.	No. 13. — Potass. Subcarbon.	No. 29. — Sulph. Lotum.
—	—	—	—	—	No. 22. — Liq. Ammon.	No. 22. — Spt. Ether Nit.	No. 8. — Acid Nit. Dil.	—	—

Phial-Corks and Tils in the Drawer under the Right-hand Tray.

Referred to in Article 4 of these Instructions.

Schooners, Cutters, and small Steam Vessels, one Chest, No. 4, calculated for 40 Men.

MEDICINE CHEST.—No. 4.

T O P.

Length . . . 24½ inches } outside.
Breadth . . . 17½ " }
Depth . . . 15½ " }

LEFT-HAND TRAY.

CENTRE TRAY.

RIGHT-HAND TRAY.

LEFT-HAND TRAY.		CENTRE TRAY.		RIGHT-HAND TRAY.	
No. 19½. Oleum Olivæ.	No. 5. Tincture Catechu.	No. 15. Rhei Rad. Pulv.	Pewter Funnel.	Gallipot. Ammoniæ Gummi.	Emplast. Cantharides. Emplast. Plumbi et Resinæ.
No. 19½. Acid Sulph. Dilut.	No. 5. Oleum Ricini.	No. 15. Ammonie Carbonas.	Pewter Measure.	Gallipot. Ext. Colo. Co.	Gallipot. Ext. Hyoscy.
No. 14. Zingiberis Rad. Pulv.	No. 5. Spiritus Rectificat.	No. 15. Camphoræ.			Gallipot. Pil. Hyd.
No. 14. Potassæ Subcarbon.	No. 34. Celaecum.	No. 22. Tinctura Digitalis.		No. 9. Argent. Nitræ.	No. 9. No. 9. No. 9.
No. 14. Jalapæ Rad. Pulv.	No. 34. Acidum Citricum.	No. 22. Liquoris Vol. C. C.	Half-pint Corks.	No. 16. Ipecac. Pulv. Co.	No. 9. Acid. Nit. Dil.
No. 5. Liquoris Plumb. Sub.	No. 34. Potassæ Supertart.	No. 15. Ipecacuanhæ Rad. Pulv.	Ceræ Albæ, and Grain Scales.	No. 8. Acid Sulph. Dilut.	No. 9. Hyd. Nit. Oxyd. ppt.
No. 29. Magnesiæ Subcarbon.	No. 5. Tincturæ Rhei.	No. 34. Potassæ Nit. Purif.	Gallipot. Confectionis Aromaticæ.	No. 36. Pulv. Scammon.	No. 36. Spec. Pro. Con. Opii.
		Gallipot. Unguenti Hyd. Nitr.		No. 16. Liquoris Ammoniac.	No. 9. Antim. Tart.
			Glass Graduated Measure.	No. 16. Zinc. Sulph.	No. 8. Spiritus Æth. Nit.
				No. 22. Oleum Terebinth.	No. 35. Cretæ Preparatæ.

Phial-Corks and Tile in the Drawer under the Right-hand Tray.

GENERAL NOTE

TO THE

Diagrams

OF THE

Nos. 1, 2, 3, and 4, MEDICINE CHESTS.

Dispensaries are fitted in all Classes of His Majesty's Ships, to the Sloops' Rate inclusive, and the New Medicine Chests are constructed on the following Scales:—

Chest No. 1, calculated for 300 Men for Twelve Months.

2,	"	150	"	3 Chests No. 1 will be supplied.
3,	"	75	"	
4,	"	40	"	
thus for a First Rate				
Second Rate				
Third Rate				
Fourth Rate				
Fifth Rate				
Sixth Rate				
And Sloops				
Gun-Brigs				
Schooners, Cutters, and small				
1 Chest No. 4				
1 Chest No. 3				
2 Chests No. 3				
2 Chests No. 2				
2 Chests No. 1				

The contents of one of the Chests supplied are to be stowed away in the Dispensary, and the empty Chest immediately returned into Store. In the First Rates, therefore, two complete Chests will remain in the Cock-pit, and one Chest in all other Classes; and from the Chests retained, the Medicines, &c. in the Dispensary will be of course replenished as expended.

The contents of the Grocery and Necessary Chests are also to be stowed away in the Dispensary, and the Chests returned into Store.

Every possible accommodation being thus provided for the preservation of all Stores in the Surgeon's charge, and strict orders having been given that the Medicine Chests are not to be struck down into the Hold upon any pretence whatever, nor placed in any situation where they may sustain injury, the Medical Officer in charge will therefore take notice, that he will be held strictly responsible for the due care and preservation thereof, together with the Bottles, Jars, Medicines, and Utensils therein; as the most positive directions have been given to the Officers of the several Depôts to hold a regular Survey on all the Medical Stores and Chests returned from Ships, and to report every instance in which it may appear that any loss or injury has been occasioned by negligence or inattention, in order that the full value may be charged against the culpable Party.

MEDICINE CHEST.—No. 4.

BOTTOM.

No. 5 Jar. — Gentianæ Radix.	No. 7 Jar. — Sulphur Lotum.	No. 7 Jar. — Quassia Lignum.	No. 7 Jar. — Acacia Gummi.	No. 6 Jar. — Ung. Hyd. Fort.	Tow. Marble Mortar and Pestle.
No. 5 Jar. — Aur. Cortex. Exsicc.	No. 5 Jar. — Ceratum Cetacei.	No. 28 Bottle. — Lini. Semina.	No. 6 Jar. — Ung. Sulph. Comp.	No. 6 Jar. — Sennæ Fol.	Tow and 5 D. Bottles.
No. 5 Jar. — Ceratum Calaminæ.	No. 4 Jar. — Magnesiæ Sulphas.	No. 28 Bottle. — Pulv. Cinchonæ Lancifol.	No. 6 Jar. — Anthem. Flo.	No. 6 Jar. — 3 E. Phials and 3 K. do. upright.	Tow, Metal Mortar, and 5 Gallipots.
No. 5 Jar. — Ceratum Resinæ.	No. 4 Jar. — Magnesiæ Sulphas.	No. 4 Jar. — Sponge.	No. 4 Jar. — Magnesiæ Sulphas.		

Tow, &c. may be stowed away under the Nos. 6 and 7 Jars.





