

Regulations to regimental surgeons, &c.;, for the better management of the sick in regimental hospitals

Publication/Creation

1799

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RAMC 511

REGULATIONS
FOR IMPROVING
REGIMENTAL HOSPITALS.

(571)

Deft. Surgeon General

C. Graves Irwin
ms

Apr. 24th 1888

Printed by

Brigade Surgeon
F. A. Wilson
ms

HP

RAMC 511

REGULATIONS,
TO
REGIMENTAL SURGEONS, &c,
FOR THE
BETTER MANAGEMENT
OF
THE SICK
IN
REGIMENTAL HOSPITALS.

London :

1799.

J. JONES, PRINTER, CHAPEL-STREET, SOHO.

Presented to the
Royal Army Medical Corps
by
Lieut Colonel W. G. Don M.D.
Hon. Sec. Surgeon General (Retd)
July
1904

REGULATIONS

FROM THE

ARMY MEDICAL BOARD

TO

REGIMENTAL SURGEONS, &c.

REFERRED TO IN THE FOREGOING.

A 3

REGULATIONS

FROM THE

ARMY MEDICAL BOARD

REGIMENTAL SURGEONS, &c.

PREPARED TO BE THE

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HORSE GUARDS.

September, 1799.

HIS Majesty having been pleased to approve the following Regulations for the Use of Regimental Hospitals, His Royal Highness the Commander in Chief hereby enjoins Commanding Officers of Regiments, of every Description, and all Regimental and Assistant Surgeons, to govern themselves, in their respective Duties, touching the Care of the sick Soldiers, and the Management of Regimental Hospitals, in strict Conformity thereto.

By Order of His Royal Highness
the Commander in Chief,

HARRY CALVERT,

Adjutant General.

Pr
Ro
L
Hon

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By Order of His Royal Highness
The Commander in Chief
HARRY CALVERT
Adjutant General

REGULATIONS, &c.

HIS Royal Highness the Commander in Chief, having issued the most positive commands to all Officers commanding Brigades, and to all Commanding Officers of Regiments, to give very particular attention to Regimental Hospitals, according to fixed Rules and Instructions, it is our duty to propose such Regulations as relate to the interior Management of all Regimental Hospitals.

With this Intention we hope the following Regulations will secure to the Sick the diligent and regular attention of the Surgeon and Attendants.

The reports of the Visiting Officer, and of the Surgeon, will afford such Information

formation to the Commanding Officer, as will satisfy him, with the help of his own occasional Visits, that the Sick are diligently attended, and humanely treated. The Journals, to be kept by the Surgeon, will be undeniable proofs of his diligence, and the best evidence of his professional ability.

All Regimental Hospitals are under the immediate direction of their respective Surgeons, subject nevertheless to the general directions and superintendance of the inspector of Regimental Hospitals, or of any other Officers of the Medical Staff, who may be ordered by his Royal Highness the Commander in Chief to inspect them from time to time, to see that every part of the Hospital Regulations has been observed; to ascertain the wants, and attend to the just complaints of the men; to assist, with their advice, the attending Surgeons, and to propose to the Officers commanding Brigades, or Regiments, such further

Re-

Regulations as they think may conduce to the benefit of the Sick.

Every Regimental Surgeon, or in his absence the assistant Surgeon; is to provide an airy, roomy, and healthily-situated Regimental Hospital, where good water may easily be procured, unless the Regiment is in Barracks, where a part of the Barracks, or other convenient place, is to be allotted by the Barrack-master-general for the reception of the Sick.

During Encampment an Hospital Tent is allowed, in aid of an Hospital; but, except in cases of absolute necessity, it is not to be the sole Hospital; and great attention should be paid to the choice of the ground, where the Hospital Tent is to be pitched, which, if possible, should be on a dry piece of ground, near the Regimental Hospital.

A trench is to be dug round it for carrying off the water; and for the inside, straw worked up in thick mats should

should be laid upon dry sand, or gravel; under every palliass. Where mats cannot be made, some fresh straw should be placed under each palliass, confined by boards, or wicker-work, twelve or fourteen inches high, placed round the sides of the bed; the straw to be changed once a fortnight, at furthest. But a certain number of portable bedsteads should be provided for the worst Sick, in Tents and Regimental Hospitals, according to the design annexed, No. 1, at least two to every hundred men.

In this form the bedsteads are easily removed with the Regimental baggage.

The windows of the Hospital to be opened, and the walls of the Tent to be lowered every Day, to admit fresh air; and, during the interval; the beds of the convalescents, and of others who can sit up, to be made: and no man, who is able to sit up, to be allowed to sit or lie upon his bed during the day. Occasionally in fine weather, the rugs, blan-

blankets, &c. to be hung out on bushes, or laid upon the ground, and often turned, and the bedsteads and canvas, scowered with soap and water.

The sides and floors of the wards, if of wood, to be washed occasionally with soap and water; the walls, if plaistered, to be frequently white-washed; and, the wards to be fumigated with the nitrous vapour.* Upon the death of a

patient

* Put half an ounce* of Vitriolic Acid into a crucible, or into a glass, or china cup, or deep saucer; warm this over a lamp, or in heated sand, adding to it from time to time, some Nitre, or common Salt; these vessels should be placed at twenty or thirty feet distance from each other, according to the height of the Ceiling, or virulence of the Contagion. In Hospitals, or Prisons, the Lamps or Vessels containing heated Sand, may be placed on the floor, the fumigating Lamps of Moser, may be employed for this purpose, although they would answer much better, if the saucer was deeper, and if, instead of a place for a Lamp, there was a box proper for containing hot sand, in which the saucer might be placed; as fumigating with Nitrous Acid is attended with no inconvenience, and as the process is so simple, and the materials so cheap, it should

patient, the whole of his bedding to be well steeped in running water, or in a tub, then dried and baked in an oven, and afterwards washed with soap and boiling water, before it is either used again, or put into the regimental store: and when the disease is subdued, the like to be done with the bedding of the whole ward.

The straw about the bed of a man, who dies, to be taken out and burned,
and

should, as a means of prevention, be employed for some Hours every Day, in Transports having Troops on Board, or in crowded Hospitals; and if there is any appearance of Contagion, the Fumigation should be executed with more care and attention, and the Vapour confined for several hours at a time. Fumigating Vessels, or Lamps, should also be placed contiguous to the Hammocks or Beds of Persons affected with any contagious or putrid Distemper, whether Fever or Dysentery.

* As the quantity of Vapour depends in some measure on the surface, it is better to have the Vitriolic Acid put in a number of small Vessels, than in one or two large ones, besides in this way, it has the advantage of being diffused more readily in any given space.

See Dr. Carmichael Smith, on Nitrous Vapours

and the place or bed where he lay, to be well scowered with soap and hot water.

All men with infectious diseases, putrid fevers, fluxes, small pox, or measles, to be removed immediately from camp, or barracks, to a separate house, or, in certain cases of exigency, to an Hospital tent. In all cases of this sort, and particularly after the removal of a corpse, the ward is to be well fumigated.

No packs, &c. to be permitted to hang up, or lie in the wards: the Non-commissioned Officer attending the Hospital is, on the admission of the Patients, to take charge of their necessaries, &c. and to be responsible for them.

The Hospital is never to be crowded; every man to have, at least, the space of five feet allotted to his bed, and every man a bed to himself.

At his admission into the Hospital, every patient is to be made extremely clean, with warm water and soap, to have a clean shirt, and the cloaths, he brought with him, should be purified.

Every patient to be provided with a clean shirt, and a clean pair of stockings, if he can sit up, twice a week or oftener if necessary; and with clean palliass cases and clean sheets once a fortnight, or as often as there is occasion, The patients' heads should be combed, and their faces and hands washed every morning, and their feet once a week in warm water. They should be shaved twice or three times a week.

Men, when become convalescent, ought not to be reported too soon for duty.

Punished Men should be placed in a separate ward, and their linen and bedding frequently changed.

Men with the Itch should be cured in a separate tent in summer, or in a separate room of the Hospital; such men should have each a clean shirt, and a clean pair of sheets; four frictions, or smearing the body all over four times, at six hours distance, lying in bed the whole time, with the sulphur ointment*

ment*, will in most instances eradicate the complaint: they must then be well washed in warm water, and put on all clean linen, and cloaths; their cloaths must previously be well scowered with soap and water.

Whenever this complaint prevails in a Regiment, there is to be a weekly inspection of all the men by the Surgeon, or Assistant Surgeon.

All men with the venereal disease are to be confined to the Hospital.

* R. Sulph. Viv. p. lb. $4\frac{1}{2}$.

Helleb. Alb. p. lb. $2\frac{1}{4}$.

Nitr. p. lb. $2\frac{1}{4}$.

Sap. Moll. lb. 9.

Axung. Porc. lb. 9.

SUBSISTENCE.

IT is an important consideration in regulating Regimental Hospitals, that sufficient funds should be established for the support of the Sick, without any additional charge to government; and at the same time that the sick soldier should be provided with every reasonable comfort and indulgence that can be afforded. The sum of four shillings per week from the pay of each soldier will, under proper regulations, and with strict œconomy, be sufficient for this purpose, which sum is to be retained by the Paymaster of the Regiment.

The sick are to be furnished with bread made of the finest wheat flour, and fresh meat, perfectly good and wholesome.

That

That the greatest œconomy may be used in laying out the money for the sick; every article ought to be purchased by the Surgeon, who is required to keep a book, in which he is to enter the most minute article, on the opposite page of which book he is to enter the amount of the weekly consumption of each man according to the diet table, No. 6 ; and this book, with the diet table, is to be laid before the Commanding Officer and Paymaster every week, to be examined and signed by each ; and it is of the utmost importance to the welfare of the soldier and His Majesty's service, that every Commanding Officer, and every Paymaster of a Regiment should superintend the expenditure.

B

DUTIES

DUTIES OF THE SURGEON.

IT is necessary that every Surgeon of the regular forces, militia, supplementary militia, or fencible corps, whether he receives allowances from government for furnishing Hospital, Hospital bedding, serjeant, nurse, orderlies, medicines, materials, &c. or whether he is furnished with the same by government, shall keep in his possession, ready for immediate use, a sufficient quantity of the best medicines and materials, according to the Army Dispensatory, No. 2. —An invoice for a full Regimental Chest, calculated for 1000 men, is also added, No. 3.

He is likewise to be always in possession of a complete set of instruments for regimental Hospitals, provided at his own expence, agreeable to the annexed list,

list, No. 4. A list of a field set, for more immediate and actual service, is also subjoined, No. 5.

An Army Dispensatory being established, a copy of which is annexed, it is expected that Medical Officers of all descriptions will, as near as possible, adhere thereto.

A Regiment consisting of 1000 men, and provided with three medical persons, ought to be furnished with Hospital necessaries and utensils for at least forty patients, forty cotton night-caps, forty sets of bedding, in the proportion of four for every hundred men; each set consisting of one palliass, one straw mattrafs, one bolster, three sheets, two blankets, and one rug.

Each Hospital ought to be furnished with a slipper bath, or bathing tub, two water buckets, one dozen of Ozna-
burgh towels, one dozen of flannel
cloths, half a dozen of large sponges,
B 2 combs,

combs, razors, and soap, two large kettles, capable of making soup for 30 men, two large tea kettles, two large tea pots, two sauce-pans, forty tin cans of one pint each, forty spoons, one dozen of knives and forks, two close-stools, two bed-pans, and two urinals.

But in all Regiments that have an allowance from Government in money for furnishing those articles, if more than the above quantity be found necessary, the Surgeon is in the first instance to supply himself, and then to apply for relief, when, by reason of extra disease his allowances are far exceeded by his expenditure. For Regiments of smaller number, the quantity of Hospital necessaries will of course be proportionably reduced.

The Commanding Officer should be applied to for a guard, in order to furnish one or more centries to the Regimental Hospital, and the same to the
the

the Hospital Tent, which sentries are to be directed to permit no person to enter, but those concerned in the Hospital, the Staff, and Officers of the Regiment. They are to be particularly careful in preventing liquor, or any thing improper, from being carried into the Hospital; nor are they to permit any patient to go out (to the necessary excepted) without a ticket of leave from the attending Surgeon.

The Regimental Surgeon, or the Assistant Surgeon, should regularly visit the Hospital, at least twice every day; and keep a book of the admission, discharge, and the cases of patients, in which the name, age, disease, diet, and treatment are to be fully inserted, for the use of the Inspector of Regimental Hospitals.

At the first visit, the Surgeon is to enter into a day-book, a prescription of such medicines as he intends to ad-

minister to his patients ; he is correctly to fill up and sign the ward diet table of the distribution of diet, which is to be hung up in the most conspicuous part of the ward, for the inspection of the whole of the sick, who are to be granted nothing by the Non-commissioned Officer, or any other attendant at the Hospital, but what is expressed on the ward diet table. The Surgeon is to make a daily return of the sick to the Commanding Officer, No. 7, and by the 20th of every month, to the Army Medical Board, No. 8, a copy of which is to be sent to the Inspector of Regimental Hospitals, according to the usual form, together with observations upon particular cases : and especially if a contagious fever, or epidemic prevails, it is required, that the Surgeon or Assistant shall give his opinion fully of the probable cause, and whether such cause is removeable ;
and

and also an account of the treatment. He is to be responsible for the Assistant Surgeon, Serjeant, Orderly, and Nurses doing their duty.

In Cantonments and Barracks, the quarters of one of the Surgeons are to be very near the Hospital; when encamped, one of them is to sleep in Camp, and the other near the Regimental Hospital.

When wine is indispensibly necessary, it should be given as long as the case absolutely requires it, but no longer: and it must be given by the Surgeon, or Assistant Surgeon himself, unless previously mixed by them with medicines or food, &c. Porter or good beer should, whenever the case will admit of it, be given in lieu of wine. These are considered as articles of medicine, and accordingly, in Regiments that receive Hospital allowances in money, are to be furnished by the Surgeon.

The Regimental Surgeon is to pay particular attention to the examination of Recruits, when such are brought before him: not to certify for any man's fitness to serve, into whose state of health he has not regularly enquired, and who has not, at his examination, been stripped of all his cloaths, to ascertain that he has no rupture, that he has the perfect use of his eyes and ears, and the free motion of every joint and limb; that he has no tumors, nor diseased enlargement of bones and joints; no sore leg, nor mark of an old sore; that his appearance is healthy, that he is neither consumptive nor subject to fits; with any of these defects, the man is to be reported as unfit for service.

Inoculation of Recruits, at convenient times and places, is to be recommended by the Surgeon to the Commanding Officer, but it is not to be performed

performed in barracks, or in Regimental Hospitals.

Every Regimental Surgeon, and Assistant Surgeon, on receiving the Commanding Officer's authority for so doing, are expected to take care of the sick of any other Regiment, Detachment, or Recruiting Party, men on furlough, &c. whose Regiments are at a distance, provided there is no General Hospital in the neighbourhood.

PARTICULAR INSTRUCTIONS
TO REGIMENTAL SURGEONS
OF THE LINE.

EACH Regimental Surgeon of the Line, when provided with a chest of medicines, is required half-yearly to make a return to the Inspector of Regimental Hospitals, (under cover to the Secretary at War,) of the medicines used by him during the preceding six months, and what remain; and this return must be accompanied by an affidavit taken before a Magistrate, that none of the Medicines have, to his knowledge, been converted to private purposes, or applied to any use but that of the Regiment, or some other military service, for which he must produce the special orders of the Commanding Officer, or of the Inspector of Regimental Hospitals.

Should a Regiment of the Line be
placed

placed in an unhealthy situation, or, from any prevailing disease, should the Surgeon's stock of a particular medicine be exhausted before the next yearly supply becomes due, he is to apply to the Inspector of Regimental Hospitals, under cover to the Secretary at War) for a fresh supply, the existence of such cause for the extraordinary consumption of the medicines to be certified by the Commanding Officer.

If a Medical Officer of the Line desires to use a medicine not in the Dispensatory, he must procure it at his own expence.

Whenever wine is necessary for the sick of a Regiment of the Line, a return of the consumption thereof is to be made weekly to the Inspector of Regimental Hospitals.

The Medical and Hospital expences of Regiments of the Line, and of their
respective

respective Detachments, are to be inserted in the public accounts of the respective corps.

Every Regimental Surgeon is to make a report to the Inspector of Regimental Hospitals, of the situation, size, rent, &c. of the Hospital he proposes to hire; and, unless on very pressing emergencies, no engagement is to be entered into without the permission of that officer, to whom is to be transmitted half-yearly, viz. June 24th, and December 24th, an abstract of the Regimental Hospital contingent expences, approved by the Commanding Officer of the Regiment, accompanied with regular vouchers signed and certified by the Paymaster.

DUTIES

DUTIES OF THE SERJEANT.

EVERY Regimental Hospital should be provided with a sober, steady Serjeant, who understands accounts, to be approved of by the Surgeon of the Regiment, and to act under his immediate directions. The Serjeant is to have the charge of the sick, under the direction of the Surgeon, and to see his orders punctually obeyed by every other person in the Hospital; and as the duty intrusted to his charge is of the utmost importance to the sick, and without his diligence and attention to the Surgeon's orders, the best medical efforts may prove abortive, it is expected, that the Surgeon of the Regiment will be extremely cautious how he approves of a person recommended to this duty, and that he will previously

ously enquire into his character, and strictly examine his abilities for this undertaking. This non-commissioned Officer should be exempted from all other duties, and intirely attached to the Hospital. The Serjeant of the Hospital, under the direction of the Surgeon, is to keep a book, wherein he is to enter the names of the men, and periods when received into the Hospital, their ages, diseases, when discharged, or dead; from this book, assisted by his own, the Surgeon makes out the daily returns to the Commanding Officer, and monthly returns to the Army Medical Board. Whatever money the Serjeant receives on account of the sick, from the Surgeon, he is to lay it out according to his direction.

At the end of a week, he is to make out an account of Debtor and Creditor, debiting himself with the money received,

ceived, and taking credit for the disbursements; the balance to be carried forward to the next week.

The Serjeant is to go round at periods fixed by the Surgeon, for the administering medicines and nourishment, and to see that the Nurse and Orderly-man, punctually give to the patients what has been directed by the Surgeon. He is likewise to see that the ward is kept clean, and the bed-pans emptied out by the Orderly-man, immediately after they have been used.

He is to attend to the wards being well scraped and swept by the Orderly-man every morning early, and to attend to the cleaning of them, as directed by the Surgeon. He is likewise to prevent patients from spitting on the floor, or by any other means soiling the apartments.

He

He is to see that every patient, capable of doing it, or having it done for him, has his face and hands washed and his hair combed and tied, before the Surgeon visits the Hospital: and those men who are able to sit up, are regularly to fold up their bedding, and to sweep under their beds every morning by six o'clock in summer, and eight in winter; they are likewise to separate their bedding, and to air it two hours every day in fine weather: he is to prevent irregularities in the Hospital, such as gaming, swearing, or any other disobedience of orders.

As quietness and rest are absolutely required in an Hospital, great care is to be taken, that as little noise as possible be made at any time, but particularly at night; every man must therefore be in his bed by seven o'clock in winter, and nine in summer; and no

con-

conversation whatever be permitted after that time.

He is to see that the wards be regularly well washed twice a week, or oftener, unless otherwise ordered by the Surgeon; and, whenever directed, to see the rooms well fumigated, in the manner already mentioned: he is likewise to prevent any kind of incumbrance from being hung on the walls, or placed in the windows of the ward, that can in the least degree intercept the circulation of air, or serve as a receptacle for infection.

He is to be particularly attentive to the frequent change of linen, and bedding, of such patients as have fevers, dysentery, or any diseases of an infectious tendency; and that the foul linen and bedding be removed as soon as possible, after having been previously washed in water, fumigated and cleaned

as directed; and the Surgeon will use his discretion, consistent with oeconomy and the welfare of the men, in recommending to the Commanding Officer, to be destroyed, such of the men's cloaths or bedding as might contribute to a communication of infection.

The Serjeant should go every morning round the ward, attended by the Orderly-man, to call a roll, and see that every man is in his ward, and the same at night, and report to the attending Surgeon, the following morning, such men as were found absent, and whether the Hospital was regular, and in good order. He is to take charge of the bedding, utensils, &c. of the Hospital, and to provide the sick with clean linen.

The sick, who are not confined to their beds, are to be divided into messes at the hour of dinner; and any
remains

remains of meat, bread, &c. to be preserved for the soup of the following day.

The Serjeant is to have an addition made to his pay, to be received half-yearly, at the rate of 6d. *per diem*: from this allowance is to be deducted the value of whatever bedding and utensils may have been lost through his negligence.

The Surgeon is to make application to the Commanding Officer for one Orderly-man or more, at the discretion of the Surgeon, and according to the exigency of the service, whose additional pay should be 4d. *per diem*.

The duty of the Orderly-man is to officiate as nurse, by attending the sick, administering the medicines and nourishment, and keeping the wards clean.

The men, while employed as orderly, should be exempted from all other duties, and entirely attached to those of the Hospital,

NURSE.

NURSE.

THERE is to be one decent, sober woman nurse, who shall receive at the rate of one shilling *per diem*, whose duty will be to prepare the flops and comforts for the sick, and occasionally to assist in administering medicines, cooking the victuals, washing, &c. and for every ten men confined to bed by fever, an additional Nurse and Orderly-man should be allowed. All the patients, who are able, are every morning and evening to assist in cleaning and airing the Hospital, carrying away dirt, &c. and by every means to assist the helpless.

The additional allowance to the Sergeants, Orderly-men, and Nurse, in regiments of the line, to be made by the Paymaster; and in Regiments of

militia and fencibles, the Surgeons are to pay them out of their allowances.

In every Regimental Hospital, a room should be appropriated to the accommodation of such convalescents, whose state of health will admit of their being placed on full diet. This Hospital to be regularly visited by the Surgeon once, twice, or oftener in the day, as circumstances may require.

A Non-commissioned Officer to be appointed to the particular charge of the Convalescent Hospital, with an Orderly-man, and when the convalescents are numerous, more Orderly-men to be attached to it, to keep it clean.

It is particularly ordered, that none of the Hospital tables and orders, which are to be hung up in a conspicuous place in every Regimental Hospital, shall be defaced by any person whatever, nor taken down, but by the
Surgeon

Surgeon or Serjeant, the latter of whom will explain the allowance ordered for those patients who are not themselves in a situation to read the table for the distribution of diet.

L. PEPYS,
T. KEATE,
J. RUSH.

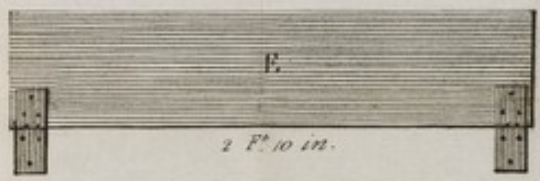
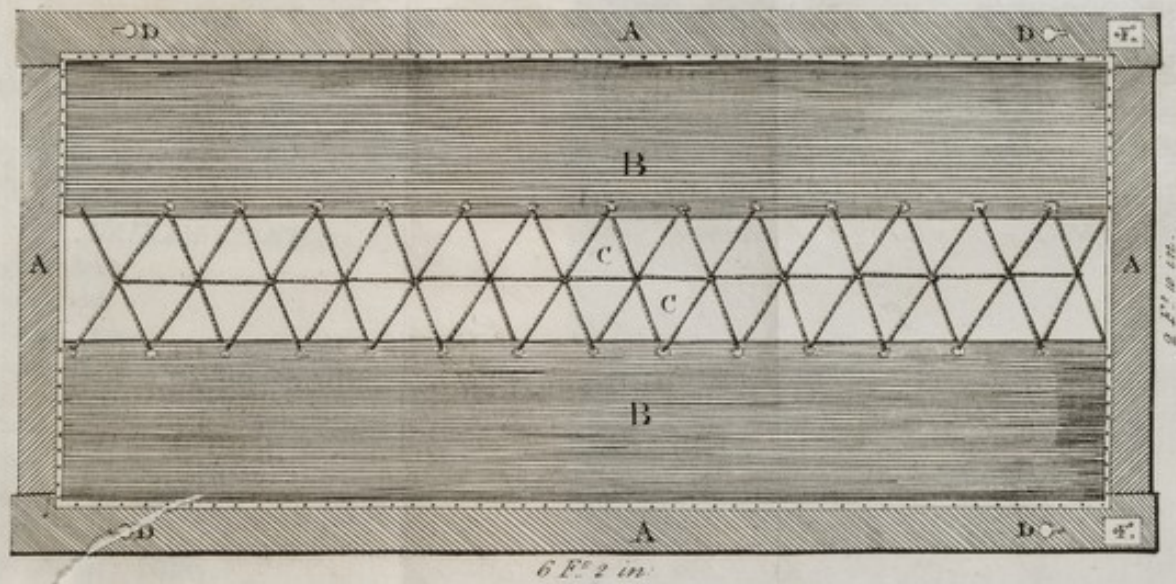
Suppose we demand the least of them
will exhibit the following order of
their names who are not members
in a position to read the subject the
language of the

J. B. B. B.
T. B. B. B.
J. B. B. B.

[Faint, illegible handwriting]

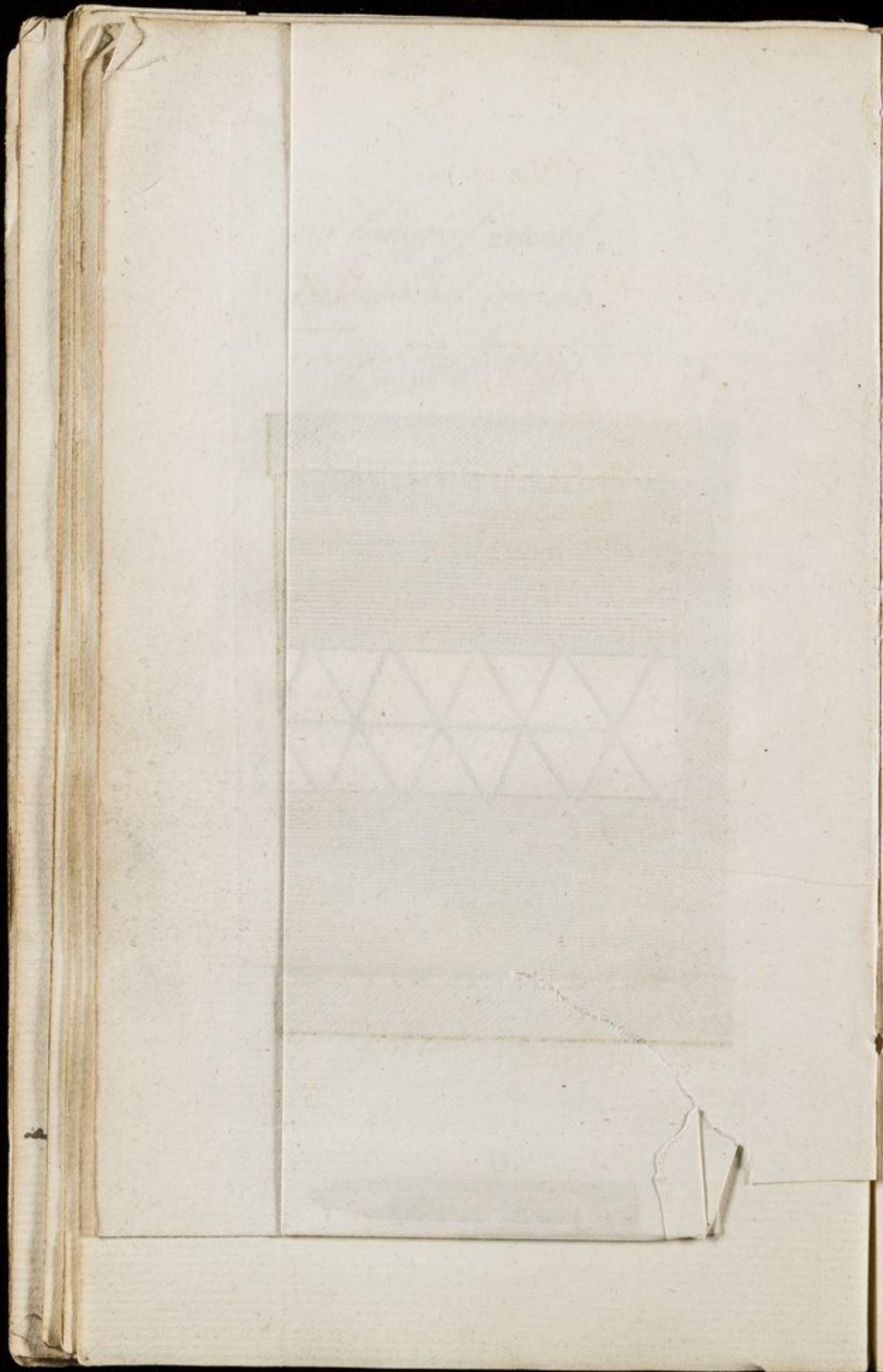
[Large block of faint, illegible handwriting]

A Cot Bedstead



Length of the Bedstead, 6 feet 2 inches.
 Width of D^o 2 feet 10 inches.

- A — The Frame, made of Beech, 2 inches thick $3\frac{1}{2}$ inches wide.
- B — The Sacking, made of Sail Cloth.
- C — Lacing of the Sacking to keep it tight.
- D — Four Holes to receive the Legs, diameter of each.
 at the Bottom of the Frame 1 inch.
 at the Top of D^o $\frac{3}{4}$ inch.
- E — The Head Board, made of $\frac{3}{4}$ Wainscot, 2 feet 10 in. long.
 8 inches deep, to be hinged to F.
- F — To receive the Head Board E
- G — One of the Legs to go into the holes at D with a
 small pin to turn upon the top of frame A to prevent the leg
 from falling out, when the Bedstead is lifted or moved about.



(No. 2.)

THE
DISPENSATORY.

~~~~~  
MEDICAMENTA.  
==

*VOMITUM CIENTIA.*

Antimon : Tartarifat :  
—————Vitrificat : pp :  
Pulv : Ipecac :  
Vin : Ipecac :

*URINAM CIENTIA.*

Acet : Scill :  
Cantharides  
Digital : Pulv :  
Gum : Arabic :  
Kali Acetat :  
——pp :  
Nitr : Purificat :  
Pulv : Rad : Scill :  
Sap : Venet :  
Sp : Æther : Nitros :

Tere-

Terebinth : Venet :

Tinct : Scill :

*SUDOREM CIENTIA.*

Aq : Ammon :

Gum : Guaiac :

James's Powder

Liquor : Vol : C : C :

Pulv. Antimonial :

——Ipecac : Comp :

Tinct : Guaiac :

Vin : Antimon :

*CATHARTICA.*

Aloës Socotorin :

Calomel : pp :

Cremor : Tartar : Pulv :

Elect : Sennæ

Extract : Colocynth : Comp :

Flor : Sulphuris

Fol : Sennæ

Gum : Gambog :

Kali Tartar :

Magnet : Alb :

—— Vitriolat :

Mannæ



Mannæ  
 Natr: Vitriolat:  
 ——— Tartarifat:  
 Ol: Ricini:  
 Pil: Al: c: Myrrh:  
 Pulv: Rad: Jalap:  
 ——— Rhabarb:  
 Scammon:  
 Tamarind:  
 Tinctur: Jalap:  
 ——— Rhabarb:  
 ——— Senn.

*SEDATIVA & SOPORIFERA.*

Afa Fœtida  
 Æther  
 Camphor:  
 Cap: Papav: Alb:  
 Confect: Opiat:  
 Opii Purificat:  
 Pilul: Galban: Comp:  
 Pulv: Cicutæ  
 ——— Cret: Comp: c. Op:  
 Rad: Valerian: Sylv:  
 Sp:

Sp: Æther: Vitriol: Comp:

Tinct: Opii

————— Camphor:

————— Valerian: S:

*ROBORANTIA & ASTRINGENTIA.*

Alumen

Amyl:

Cort: Cascaril:

————— Quassia:

Extract: Cinch: Mol:

————— Dur:

————— Gentian:

————— Hæmatoxyl:

Ferr: Vitriolat:

Flor: Chamæm:

————— Pulv:

Gum: Kino

————— Myrrh:

Pulv: Cinchon:

————— Flav:

————— Colomb:

Rad: Gentian:

Simarouba

Tinctur: Cinchonæ

Tinc-



Tinctur: Gentian: Comp:  
—— Myrrh:

*AROMATICA.*

Confect: Aromatic:

Cort: Cinnam:

Ol: Menth: Piper:

———— Sativ:

Pimento

Piper Nig:

Pulv: Aromat:

———— Rad: Zingiber:

Sp: Ammon: Comp:

———— Lavendul: Comp:

———— Pimento

———— Vin: Rectificat:

Tinctur: Zingiber:

*MISCELLANEA.*

Acet: Distillat:

Acid: Muriat:

———— Nitros:

———— Vitrolic:

Ærug: Æris

Ammon: pp:

Amygd: Dulc:

Ab:

Aq: Lytharg: Acetat:   
Balsam: Copaiv:   
Borax   
Cera Alb:   
——Flav:   
Ceruff: Acetat:   
Conserv: Cynosb:   
Corn: Cerv: Rasur:   
Creta pp:   
Extract: Glycyrrh:   
Farin: Sem: Lini   
Gum: Ammoniac:   
Hydrarg: Calcinat: pp:   
——Muriat:   
——Nitrat: Rub:   
——Purificat:   
Lap: Calam; pp:   
Lytharg:   
Natron pp:   
Ol: Lini Sine Igne   
——Olivæ   
——Terebinthin:   
Pilul: Hydrarg:   
Pulv: Ceruffæ Comp:   
Pulv;



Pulv: Cretæ Comp: \_\_\_\_\_  
——Rad: Serpent: Virgin: \_\_\_\_\_  
——Sem; Sinap: \_\_\_\_\_  
Rad: Glycyrrh: \_\_\_\_\_  
——Sarsap: Incis: \_\_\_\_\_  
——Serpent: Virg: \_\_\_\_\_  
Refina Flava \_\_\_\_\_  
Sev Suill: \_\_\_\_\_  
Sinap: Sem: \_\_\_\_\_  
Sperm; Ceti \_\_\_\_\_  
Sulphur: Antimon: Præcip: \_\_\_\_\_  
Zinc: Vitriolat: \_\_\_\_\_

*EMPLASTRA.*

Empl: Cantharid: \_\_\_\_\_  
——Ceræ Compos: \_\_\_\_\_  
——Lytharg: \_\_\_\_\_  
—— c. Hydrarg: \_\_\_\_\_  
—— c. Resin: \_\_\_\_\_

*UNGUENTA.*

Ung: Ceræ \_\_\_\_\_  
—— Ceruff: Acetat: \_\_\_\_\_  
—— Digestiv: Virid: \_\_\_\_\_

Ung;

Ung : Hydrarg : Fort :

———— Nitrat :

———— Pic :

———— Pforic :

———— Refin : Flav :

*CERATA.*

Cerat : Lap : Calamin :

———— Sapon :

———— Sperm : Ceti

*LINIMENTUM.*

Liniment : Sapon : Comp :

*CAUSTIGA.*

Argent : Nitrat :

Cupr : Vitriolat :

Hydrarg : Nitrat : Rub :

Kali Pur :

L. PEPYS,

T. KEATE,

J. RUSH.



(No. 3.)

INVOICE

OF

MEDICINES, &c.

FOR

A FULL REGIMENTAL CHEST.

*VOMITUM CIENTIA.*

|                        | Lib. | Unc. |
|------------------------|------|------|
| Antimon : Tartarifat — |      | 8    |
| Pulv : Ipecac : —      | 1    |      |

*URINAM CIENTIA.*

|                        |   |   |
|------------------------|---|---|
| Gum : Arabic : —       | 4 |   |
| Kali pp <sup>t</sup> — | 2 |   |
| Nit : Purificat : — —  | 2 |   |
| Pulv ; Rad ; Scill — — |   | 4 |

*SUDOREM CIENTIA.*

|                         |   |   |
|-------------------------|---|---|
| Gum : Guaiac : —        |   | 8 |
| Liquor : Vol : C : C. — | 1 |   |
| Dr. James's Powder —    |   | 2 |
| Pulv : Antimonial : —   | 1 |   |
| — Ipecac : Comp : —     | 1 |   |

C.A.

*CATHARTICA:*

|                               | Li | Unc. |
|-------------------------------|----|------|
| Calomel: ppt <sup>o</sup> — — | 2  |      |
| Cremor: Tartar: Pulv: ———     | 4  |      |
| Extract: Col: Comp: ———       | 1  |      |
| Fol: Sennæ — —                | 1  |      |
| Flor: Sulphur: ———            | 2  |      |
| Magnes: Alb: — —              | 2  |      |
| ———— Vitriolat: — —           | 30 |      |
| Nat: Vitriolat: ———           | 30 |      |
| Pulv: Rad: Jalap: — —         | 2  |      |
| ———— Rhabarb: — —             | 2  |      |
| Tinct: Sennæ ———              | 2  |      |

*SEDATIVA & SOPORIFERA.*

|                          |   |
|--------------------------|---|
| Camphor: ———             | 2 |
| Confect: Opiat: — —      | 1 |
| Opii Purificat: ———      | 1 |
| Pulv: Cret: Comp: c. Op: | 2 |
| Sp: Æther: Vit; Compos:  | 1 |
| Tinctur: Opii — —        | 2 |

*ROBORANTIA & ASTRINGENTIA.*

|                       |    |
|-----------------------|----|
| Alumina: — — —        | 1  |
| Amyli — — —           | 1  |
| Cinchonæ Pulv: — —    | 40 |
| Colomb: Pulv: — —     | 8  |
| Ferr: Vitriolat: — —  | 1  |
| Flor: Chamæm: Pulv: — | 1  |
| Tinctur: Cinchonæ — — | 2  |

ARO.



## AROMATICA.

|                                      | Lib. | Unc. |
|--------------------------------------|------|------|
| Confect: Aromatic: —                 | 2    |      |
| Ol: Menth: Piper: —                  |      | 2    |
| Pulv: Aromatic: — —                  | 1    |      |
| ———— Rad: Zingiber: —                | 1    |      |
| Sp <sup>t</sup> : Vin: Rectificat: — | 4    |      |

## MISCELLANEA.

|                              |   |    |
|------------------------------|---|----|
| Acet: Distillat: — —         | 4 |    |
| Acid: Vitriolic: —           | 1 |    |
| Ammon: pp <sup>t</sup> : — — |   | 12 |
| Aq: Lytharg: Acetat: —       | 2 |    |
| Ceruff: Acetat: —            | 2 |    |
| Conserv: Rosæ — —            |   | 8  |
| Cretæ pp: — —                | 2 |    |
| Gum: Ammoniac —              |   | 8  |
| Hydrarg: Muriat: —           |   | 4  |
| ———— Nitrat: Rub: —          | 1 |    |
| Ol: Olivæ: — —               | 4 |    |
| ———— Terebinthin: —          | 2 |    |
| Pilul: Hydrarg: —            | 2 |    |
| Zinc: Vitriolat: —           | 1 |    |

## EMPLASTRA.

|                           |   |  |
|---------------------------|---|--|
| Empl: Cantharid: —        | 6 |  |
| ———— Ceræ Comp: —         | 2 |  |
| ———— Lytharg: c. Resin: — | 2 |  |

UN-

UNGUENTA.

|                    |   | Lib. | Unc. |
|--------------------|---|------|------|
| Ung: Ceræ Flav:    | — | 20   | }    |
| — Digestiv: Virid: | — | 4    |      |
| — Hydrarg: Fort:   | — | 20   |      |
| — Nitrat:          | — | 2    |      |
| — Pforic:          | — | 20   |      |

CERATA.

|                        |   |    |   |
|------------------------|---|----|---|
| Cerat: Lap: Calaminar: |   | 20 | } |
| — Saponis              | — | 1  |   |

LINIMENTUM.

|                        |  |   |   |
|------------------------|--|---|---|
| Liniment: Sapon: Comp: |  | 2 | } |
|------------------------|--|---|---|

CAUSTICA.

|                  |   |   |   |
|------------------|---|---|---|
| Argent: Nitrat:  | — | 2 | } |
| Cupri Vitriolat: | — | 8 |   |
| Kali Pur:        | — | 8 |   |

MATERIALS, &c.

|                         |    |          |
|-------------------------|----|----------|
| Lint                    | —  | Lib: 3   |
| Surgeon's Tow           | -- | Lib: 10  |
| Linen for Bandages, &c. | -- | 4 Sheets |
| Skins of Leather        | -- | 4        |
| Common Splints          | —  | 1 Set    |
|                         |    | Bougies  |



|                                    |    |          |
|------------------------------------|----|----------|
| Bougies in a Case                  | -- | 3 Dozen  |
| Linen Rollers                      | -- | 12       |
| Flannel Rollers                    | -- | 6        |
| Bag Truffles                       | -- | 6        |
| Writing Paper                      | -- | 4 Quires |
| Wrapping Paper                     | -- | 4 Quires |
| Packthread                         | -- | 4 Ounces |
| Grain Scales and Weights           | -- | 1 Set    |
| Ounce ditto and ditto              | -- | 1 Set    |
| A Mortar and Pestle                |    |          |
| A Bolus Tile                       |    |          |
| Two Bolus Knives                   |    |          |
| A Spreading Spatula                |    |          |
| A Pot Spatula                      |    |          |
| A Glyster Syringe and Pipes        |    |          |
| Six Small Syringes                 |    |          |
| A Pewter Bleeding Porringer        |    |          |
| Half a Grose of Vials in Sorts     |    |          |
| Half a Grose of Gallipots in ditto |    |          |
| Two Grose of Vial Corks            |    |          |
| Two Papers of Pill Boxes           |    |          |
| A Tin Pinakin                      |    |          |
| A Tin Funnel                       |    |          |
| A Piece of Tape                    |    |          |
| Two Sponges                        |    |          |
| A Paper of Pins                    |    |          |
| A Graduated Glass Measure          |    |          |

(No. 4, )

A Compleat Set of Instruments, with  
Modern Improvements, for REGIMENTAL  
HOSPITALS.

**A**N Amputating Saw, with spare Blade.

1 Metecarpal Saw, with ditto

24 Curved Needles.

2 Amputating Knives.

1 Catlin.

2 Tenaculems.

1 Bullet Forceps.

1 Pair of Bone Nippers.

2 Screw Tourniquets.

4 Field Tourniquets with Handle.

2 Callico Compresses.

2 Trephines, with sliding Keys.

1 Trephine Forceps.

1 Elevator.

1 Lenticular.

A Brush

Key Instruments for Teeth, to fit Trephine  
Handle.

8 Scalpels.

2 Silver Catheters.

1 Trocar with Spring and introductory Canula.

1 Ditto, ditto, and Canula for Hydrocele.

1 Probang.

1 Long Silver Probe.

1 Large Bougie.



( No. 5, )

A Compleat Set of Instruments for the  
FIELD with the Modern Improvements.

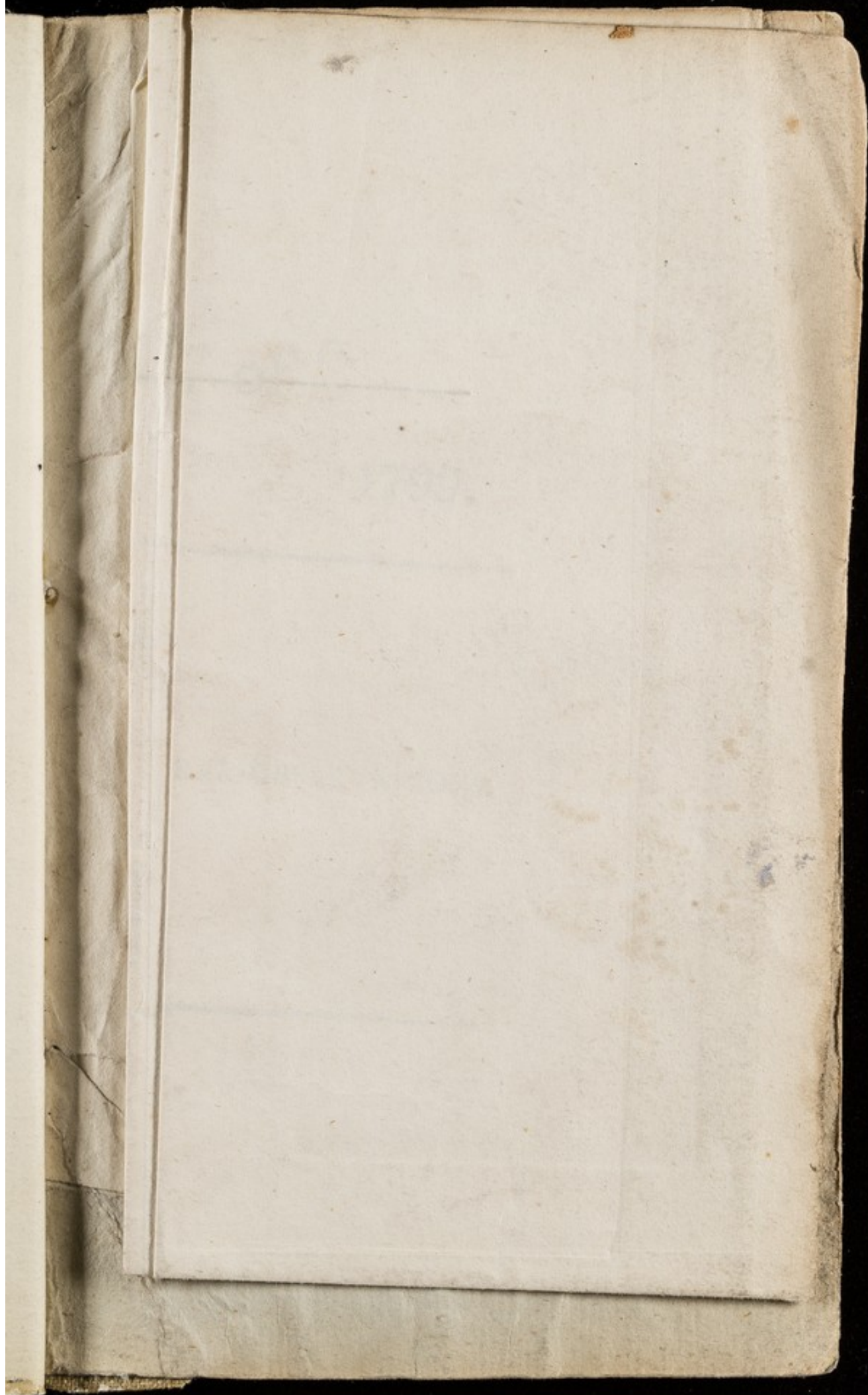
- A**N Amputating Saw.  
1 Metacarpal Saw.  
12 Curved Needles.  
1 Amputating Knife.  
1 Catlin.  
1 Screw Tourniquet.  
1 Silver Catheter  
1 Elastic ditto.  
2 Trephines, to fit one Handle.  
1 Trephine Forceps  
1 Elevator.  
2 Scalpels.  
1 Bullet Forceps.  
1 Trocar with Spring & introductory Canula.  
1 Trocar with Spring Canula for Hydrocele.  
A Brush  
A Tenaculum.  
Thread for Ligatures.

(No. 25. 48)

A Complete Set of Instruments for the  
Use with the Modern Improvement.

- An Anesthetizing Saw  
1 Microscopical Saw  
12 Curved Needles  
1 Anesthetizing Knife  
1 Catheter  
1 Screw Trepan  
1 Silver Catheter  
1 Elastic Tube  
2 Trochises, to fit one handle  
1 Trochise handle with  
1 Elevator  
2 Scalpels  
1 Baller Forceps  
1 Trochar with handle of Ivory  
1 Trochar with setting screw  
A Hand  
A Trochanter  
Trochar for Ligament



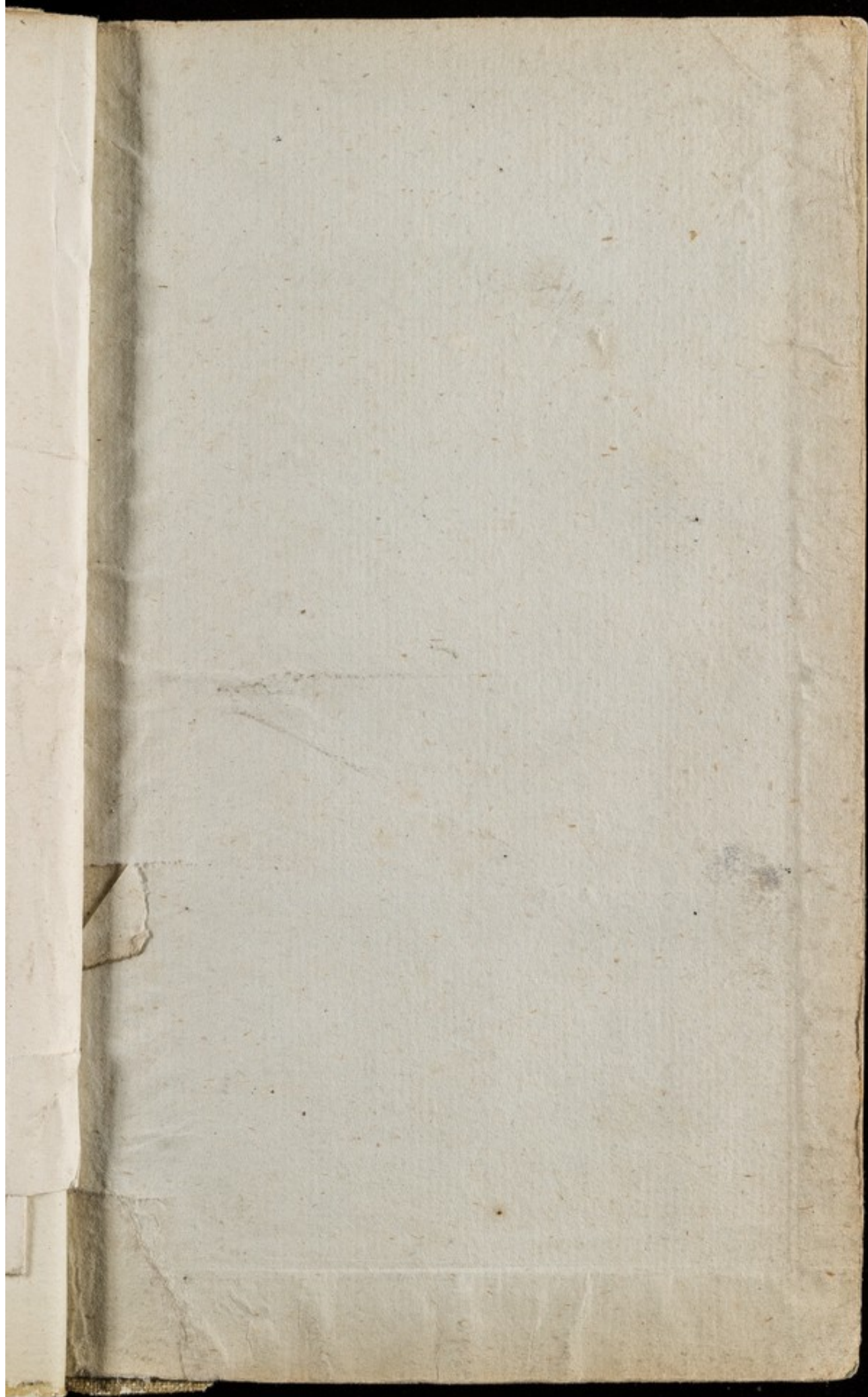






FORM of  
Present Strength of the

|  | AGE | NAME |
|--|-----|------|
|  |     |      |
|  |     |      |







R. H.