

# 39

## Medicine

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## List of Recommended Medicines and Equipment by International Medical Guide for Ships - Third Edition

All ships subject to the regulations established by the international Maritime Organization (IMO) and International Labour Organization (ILO) must have adequate medical supplies, that are periodically inspected, kept in good condition, and are ready for use whenever required. The quantities needed on board will depend on the duration and destination of the voyage, the number of crew members, and the nature of the cargo.

The medicine chest is designed to hold a range of medicinal products needed for the most common medical emergencies likely to occur on board ship, however distant it is from shore.

Different communities have different methods of treatment. Items specific to national requirements and customs can be added to the list of recommended medicines and medical supplies provided at the end of this chapter. The added items, however, should not be used to replace any of the recommended medicines or medical supplies on the list, but should be integrated into the list together with detailed information about their actions and unwanted effects.

The list assumes that on-board medical treatment is dispensed by an officer working under the responsibility of the master. Ships with a doctor on board may carry an expanded range of medicines and other medical equipment and supplies.

Some of the listed medicines are available only on prescription. As regulations differ from country to country, no advice is given here about obtaining these medicines.

### Quantification Addendum: International Medical Guide for Ships, Third edition

#### Background

The third edition of the *International Medical Guide for Ships* was published by the World Health Organization, in collaboration with the International Labour Organization and the International Maritime Organization in 2007. The Guide provides advice to help promote and protect the health of seafarers. An important section in the Guide is the 'Ship's Medicine Chest'. This section provides a recommended list of medicines that ships at sea should carry, as well as indications and dosing. The second edition of the Guide, published in 1988, also provided suggested quantities of medicines that ships of various size should hold; recommended quantities were not included in the third edition. The University of Newcastle WHO Collaborating Centre for Training in Pharmaco-economics and Rational Pharmacotherapy was commissioned to develop a list of recommended quantities of medicines listed in the third edition of the *International Medical Guide for Ships*.

	Category A	Category B
Definition of categories of ships	Ocean-going merchant vessels without a doctor on board.	Merchant vessels engaged in coastal trade or going to nearby ports, and not more than 24 hours away from a port of call.
Crew sizes and trip durations	Per 10 crews, the assumed duration of each trip is up to 3-4 weeks.	

#### List of Recommended Medicines

CODE	Description	Indication	Quantities per 10 crew		Notes
			A	B	
39 17 01	Acetylsalicylic acid, 300 mg tablet	Pain, fever, blood clots	50	50	
39 17 02	Aciclovir, 400 mg tablet	Herpes simplex/zoster	70+	35+	
39 17 03	Adrenaline, 1 mg/ml ampoule	Anaphylaxis	10+	5+	
39 17 05	Amoxicillin/clavulanic acid, 875 mg/125 mg tablet	Infections	20	10	
39 17 06	Artemether, 80 mg/ml ampoule	Malaria treatment	12+	12+	
39 17 07	Artemether + lumefantrine, 20 mg/120 mg tablet	Malaria treatment	24+	24+	Double if crew size >30
39 17 08	Atropine, 1.2 mg/ml ampoule	MI/organophosphate poisoning	10+	5+	Double quantity if carrying organophosphates
39 17 09	Azithromycin, 500 mg tablet	Infections	10+	5+	Double if crew size >30
39 17 10	Ceftriaxone, 1 g ampoule	Infections	15	5+	
39 17 11	Cetirizine, 10 mg tablet	Hayfever/hives/dermatitis	30+	30+	
39 17 12	Charcoal, activated, powder	Poisoning	120 g+	120 g+	
39 17 13	Ciprofloxacin, 250 mg tablet	Infections	20+	10+	Double if crew size >30

(to be continued)

CODE	Description	Indication	Quantities per 10 crew		Notes
			A	B	
39 17 14	Cloves, oil of, liquid	Toothache	10 ml	10 ml+	
39 17 15	Dexamethasone, 4 mg/ml ampoule	Severe asthma/anaphylaxis	3	1	
39 04 62	Diazepam, 5 mg tablet	Alcohol withdrawal	50+	20+	
39 17 17	Docusate with senna, 50 mg/8 mg tablet	Constipation	30+	-	
39 06 31	Doxycycline, 100 mg tablet	Infections	10	-	
39 17 19	Ethanol, hand cleanser, 70% gel	Hand cleaning	500 ml	500 ml+	
39 17 20	Ethanol, 70% liquid	Disinfect instruments	500 ml	100 ml	
39 17 21	Fluorescein, 1% eye strips	Detect corneal damage	20+	20+	
39 17 22	Frusemide, 40 mg/4 ml ampoule	Pulmonary oedema	5+	5+	
39 17 23	Glucagon, 1 mg ampoule	Hypoglycaemia	1+	1+	
39 17 24	Haloperidol, 5 mg/ml ampoule	Psychosis/severe agitation	5	5+	
39 06 44	Hydrocortisone, 1% cream	Allergy/inflammatory skin	2 x 30 g	1 x 30 g	One tube per patient
39 17 26	Ibuprofen, 400 mg tablet	Inflammation/pain	100	50	
39 17 27	Isosorbide dinitrate, 5 mg tablet	Angina/MI	10	10	
39 17 28	Lignocaine, 1%, 5 ml ampoule	Suturing/minor surgery	5	5	
39 17 29	Loperamide, 2 mg tablet	Diarrhoea	30	30	
39 17 30	Mebendazole, 100 mg tablet	Intestinal worms	6+	6+	
39 17 31	Metoprolol, 100 mg tablet	HTN/AF/Angina/Migraine	60+	-	
39 17 32	Metronidazole, 500 mg tablet	Infections	30+	20+	
39 06 52	Miconazole, 2% cream	Fungal skin infections	2 x 30 g	1 x 30 g	Double quantity if females on board
39 17 34	Midazolam, 5 mg/ml ampoule	Epileptic fits	10+	5+	
39 17 35	Misoprostol, 200 ug tablet	Post-partum haemorrhage	3+	3+	Only if females on board
39 03 90	Morphine, 10 mg/ml ampoule	Severe pain	10	10	
39 17 37	Morphine, 1 mg/ml liquid	Severe pain in patients able to eat and drink	100 ml+	100 ml+	
39 06 56	Naloxone, 0.4 mg/ml ampoule	Opiate overdose	10+	5+	
39 17 39	Omeprazole, 20 mg tablet	Reflux, peptic ulcers	30+	30+	
39 17 40	Ondanestron, 4 mg tablet	Vomiting, sea-sickness	10	10	
39 06 58	Oral Rehydration Solution, sachet powder	Dehydration due to diarrhoea	15 ltr (75)	10 ltr (50)	Quantities in brackets are number of sachets based on sachets made up to 200 ml
39 17 42	Oxymetazoline, 0.50% Nasal drop	Nasal obstruction/drain sinuses	2	1	One bottle per patient
39 06 60	Paracetamol, 500 ml tablet	Pain and fever	100	50	
39 17 44	Permethrin, 1% lotion	Lice	200 ml+	100 ml+	Double if crew size >30
39 17 45	Permethrin, 5% lotion	Scabies	300 ml+	100 ml+	100 ml per patient
39 17 46	Povidone iodine, 10% ointment	Disinfect skin/wounds	1 x 25 g	1 x 25 g	
39 17 48	Povidone iodine, 10% liquid	Disinfect skin/wounds	100 ml+	100 ml	
39 17 47	Prednisone, 25 mg tablet	Asthma/inflammatory conditions	30+	30+	
39 06 72	Salbutamol, 100 ug/dose inhalation	Asthma/bronchitis/emphysema	1	1	One inhaler per patient
39 06 73	Sodium chloride, 0.9%, 1 ltr liquid	Fluid replacement	5+	1	
39 17 04	Tetracaine [amethocaine], 0.50% eye drop	Eye examination	20+	20+	
39 17 50	Tetracycline, 1% eye ointment	Minor eye infections	2	1	One tube per patient
39 17 51	Vitamin K, 10 mg/ml ampoule	Reverse warfarin or similar	2+	2+	
39 06 82	Water for injection, 5 ml ampoule	Reconstitute infections	10	5+	Only used to reconstitute ceftriaxone
39 17 53	Zidovudine + lamivudine, 300 mg/150 mg tablet	Needle-stick injury prophylaxis	56+	56+	
39 06 83	Zinc oxide, 20% paste/ointment	Irritated skin	200 g+	100 g+	4 x 25 g or 3 x 30 g tubes per 100 g

Remark: Quantities marked with an '+' are suggested quantities irrespective of crew size.

## List of Recommended Equipment

(According to Guidance to the International Medical Guide for Ships 3rd edition:Interim advice regarding the best use of the medical chest for ocean-going merchant vessels without a doctor onboard, Joint Statement of WHO Collaborating Centres for the Health of Seafarers and the International Maritime Health Association – 2009 Version)

### How to use the proposed list of recommended medicines and equipment of the International Medical Guide for Ships 3rd edition, pages 430-461

- The Interim Advice is **only** to be used in conjunction with the International Medical Guide for Ships 3rd edition<sup>2</sup> as published by WHO in 2007.

<sup>2</sup> International Medical Guide for Ships (3rd Edition), World Health Organization, Geneva. 2007.

- All items suggested from WHO in the original list on pages 430 to 461 are included.
- Any additions to the original list (items and comments) are made visible by the use of italic letters. Reference pages from the medical textbook to the list of items which justify the additions are given.
- Running numbers have been given to the list of medicines and equipment including added items.
- Drugs, forms, books and equipment which are mentioned in the textbook but have not been displayed in the list of medicines are added to the list in alphabetical order.
- Reference pages to the medical textbook are given for all items to ease the use of the list.
- If an item may be omitted under special circumstances this is mentioned in italic letters in the last column.
- Suggestions for quantities have been included. Quantities are calculated on the basis of the following assumptions: Ocean-going merchant vessels without a doctor onboard. Maximum duration of travel of 3 weeks. Crew sizes of 10, 20, 30 or 40 persons.
- For merchant vessels without a doctor onboard engaged in coastal trade or going to nearby foreign ports, and not more than 24 hours away from a port of call, for fishing boats and private craft: Quantities may be adapted or omitted on the advice of a qualified medical practitioner or pharmacist with regards to the destination, medical facilities ashore, number of crew members and cargo.
- For dosage, contra-indications, unwanted effects, radiomedical advice and further remarks the users needs to refer to original text of the IMGS 3rd edition.**
- Recommended quantities will not always reflect the standard packs in a given country. In this case the recommendation is for the nearest available dispensing sales pack above the minimum required quantity.
- Owners and operators may substitute exact equivalents on the advice of a qualified medical practitioner or pharmacist, provided they are satisfied that an equivalent level of treatment is assured.
- Specific items will not be available in certain countries, for example Chlorpyrifos was banned in the European Communion (Directive 98/8 eec of March 16th 1998). The pharmacist will have to supply an analogous drug in corresponding quantities. The same is true for items which have transport restrictions and cannot be delivered locally.
- For ships carrying dangerous goods according to the IMDG Code<sup>6</sup> : Medicines and equipment already available in the IMGS list may be counted toward the Medical First Aid Guide (MFAG) numerical requirement, if appropriate.

<sup>6</sup> Medical First Aid Guide (MFAG) for use in accidents involving dangerous goods. International Maritime Organization, London, 2004.

#### Ocean-going merchant vessels without a doctor onboard.

Maximum duration of travel of 3 weeks.

Crew sizes of 10, 20, 30 or 40 persons.

Only to be used in conjunction with the International Medical Guide for Ships 3rd edition

Running numbers are given to the alphabetical list of medicines and equipment. Items which have been added by authors appear in alphabetical order and are written in italic letters.	Quantities for the recommended minimum number of items for ocean-going vessels are based on an estimated 3 weeks inventory for a crew complement of 10 to 40 persons.	Comments in italic letters refer to added items which are mentioned in the textbook but have not been displayed in the list of medicines. Remarks on items which may be omitted under special circumstance are given. For dosage, contra-indications, doctor consulting, unwanted effects and remarks refer to IMGS 3rd ed. p.430-461 and textbook
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Item No.	CODE	Recommended Item	Per 10	Per 20	Per 30	Per 40	Category Added Comments
<b>1. RESUSCITATION EQUIPMENT</b>							
1.1	<b>39 18 01</b>	Portable oxygen set, complete, containing;	1	1	1	1	Appliance for the administration of oxygen. <i>See pages 4-5.</i>
1.1a	<b>39 18 02</b>	1 oxygen cylinder, 2 ltr / 200 bar	1	1	1	1	Ready to use. <i>See pages 4-5.</i>
1.1b	<b>39 18 03</b>	1 spare oxygen cylinder, 2 ltr / 200 bar	1	1	1	1	<i>See pages 4-5. If no additional equipment from the MFAG on board consider to increase amount of oxygen to 4 x 10 ltr.</i>
1.1c	<b>39 18 04</b>	Pressure regulating unit and flow meter with tubes such that ship's industrial oxygen can also be used	1	1	1	1	<i>See pages 4-5.</i>
1.1d	<b>39 18 05</b>	3 disposable face masks of choice: including simple face mask and non-rebreathing mask	1	2	3	4	<i>See pages 4-5.</i>
1.2a	<b>39 18 06</b>	Guedel airway (Mayo-tube): sizes medium	1	1	1	1	Oropharyngeal airway, <i>See pages 4-5, 315.</i>
1.2b	<b>39 18 34</b>	Guedel airway (Mayo-tube): sizes large	1	1	1	1	Oropharyngeal airway, <i>See pages 4-5, 315.</i>
1.3a	<b>39 18 07</b>	Manual aspirator to clear upper airways	1	1	1	1	Mechanical aspirator, <i>See pages 4-5.</i>
1.3b	<b>39 18 35</b>	Catheters for aspirator	2	2	2	2	Mechanical aspirator, <i>different sizes; See pages 4-5.</i>
1.4	<b>39 18 08</b>	Ambubag or equivalent: supplied with small, medium and large masks	1	1	1	1	Bag and mask resuscitator <i>including oxygen reservoir bag and oxygen tubing. See pages 4-5.</i>
1.5	<b>39 18 09</b>	Brook Airway, Lifeway, pocket face mask or equivalent	1	1	1	1	Cannula for mouth-to-mouth resuscitation, <i>See pages 4-5.</i>
<b>2. DRESSING MATERIAL AND SUTURING EQUIPMENT</b>							
2.1	<b>39 18 10</b>	Assorted wound-plaster or plaster strips, water resistant – <i>slim and broad</i>	200	200	200	200	Adhesive dressings.
2.2a	<b>39 18 11</b>	Sterile gauze compresses, 5 cm x 5 cm, sterile	50	50	100	100	Sterile gauze compresses.
2.2b	<b>39 18 12</b>	Sterile gauze compresses, 10 cm x 10 cm	50	50	100	100	Sterile gauze compresses.
2.3	<b>39 18 13</b>	Gauze roll, 5 cm and 60 or 90 cm x 100 m, non-sterile	1	1	1	1	Gauze roll. <i>60 cm / 90 cm may be substituted by gauze roll of smaller size.</i>
2.4	<b>39 18 14</b>	Non-adherent gauze dressing, square, 10 cm	10	20	30	40	Gauze dressing with non-adherent surface.
2.5	<b>39 18 15</b>	Paraffin gauze dressing, 10 x 10 cm, sterile	40	40	40	40	Vaseline gauze.
2.6	<b>39 18 16</b>	Elastic fixation bandage, 4 m x 6 cm	3	6	9	12	Bandage.
2.7a	<b>39 18 17</b>	First-aid absorbent gauze-covered cotton pad sewn onto a cotton bandage (ambulance dressing) small	5	5	10	10	Sterile compression bandages.
2.7b	<b>39 18 36</b>	First-aid absorbent gauze-covered cotton pad sewn onto a cotton bandage (ambulance dressing) medium	5	5	10	10	Sterile compression bandages.
2.7c	<b>39 18 43</b>	First-aid absorbent gauze-covered cotton pad sewn onto a cotton bandage (ambulance dressing) large	5	5	10	10	Sterile compression bandages.
2.8a	<b>39 18 18</b>	Tubular gauze bandage for finger bandage, 5 m	1	1	1	1	Tubular gauze for finger bandage. <i>See pages 43-58.</i>
2.8b	<b>39 18 44</b>	Applicator for finger bandage	1	1	1	1	<i>See pages 43-58.</i>
2.9	<b>39 18 19</b>	Adhesive elastic bandage, 4 m x 6 cm	10	10	10	10	Adhesive elastic bandage.
2.10	<b>39 18 20</b>	Triangular sling	5	5	5	5	Triangular sling. <i>See pages 43-58 and 77.</i>
2.11	<b>39 18 21</b>	Sterile sheets for burn patients	2	2	4	4	Sterile sheet for burn victims. Different sizes <i>See pages 79-83.</i>
2.12	<b>39 18 22</b>	Honey for dressing burns 1 kg ( <i>only purified 1,000 g</i> )	1	1	2	2	<i>Only if honey for medical purposes available. Otherwise use a hydrogel-burnkit. See pages 79-83.</i>

(to be continued)

Item No.	CODE	Recommended Item	Per 10	Per 20	Per 30	Per 40	Category Added Comments
2.13	39 18 23	Adhesive tape, waterproof, skin-friendly, 5 x 1.25 cm	3	3	6	6	Adhesive sutures or zinc oxide bandages.
2.14	39 18 24	Q-tips (wooden)	100	100	100	100	Q-tips.
2.15	39 13 51	Safety pins (stainless steel) 12 pieces	1	1	2	2	Safety pins.
2.16	39 18 26	Butterfly sutures, Steristrip® or Leukostrip®, sterile	50	50	50	50	Butterfly sutures. See pages 69-74.
2.17	39 18 27	2-octyl cyanoacrylate liquid, 0.5 ml	1	1	1	1	Skin adhesive for closing small wounds. See pages 69-74.
2.18a	39 18 28	Sutures, absorbable with curved non-traumatic needles, 1-0	3	3	6	6	Suturing equipment. See pages 71-74. Replace with non-absorbable sutures for easier use, See page 71.
2.18b	39 18 45	Sutures, absorbable with curved non-traumatic needles, 3-0	3	3	6	6	Suturing equipment. See pages 71-74. Replace with non-absorbable sutures for easier use, See page 71.
2.18c	39 18 29	Sutures, absorbable with curved non-traumatic needles, 4-0 or 5-0	3	3	6	6	Suturing equipment. See pages 71-74. Replace with non-absorbable sutures for easier use, See page 71.
2.19a	39 18 30	Disposable examination gloves, size M	100	100	100	100	Gloves.
2.19b	39 18 74	Disposable examination gloves, size L	100	100	100	100	Gloves.
2.19c	39 18 31	Surgical gloves size 6.5, sterile, in pairs	3	4	5	6	Gloves (sterile).
2.19d	39 18 63	Surgical gloves size 7.5, sterile, in pairs	3	4	5	6	Gloves (sterile).
2.19e	39 18 66	Surgical gloves size 8.5, sterile, in pairs	3	4	5	6	Gloves (sterile).
2.20	39 12 50	Eye pads	1	2	3	4	See pages 36, 38.

### 3. INSTRUMENTS

3.1	39 18 32	Scalpel, sterile, disposable	10	10	10	10	Disposable scalpels See pages 71-74, 216-219.
3.2	39 18 33	Instrument box (stainless steel)	1	1	1	1	Stainless-steel instrument box.
3.3	39 13 61	Operating scissors, straight (stainless steel)	1	1	1	1	Scissors.
3.4	39 13 62	Bandage scissors (stainless steel)	1	1	1	1	Scissors.
3.5	39 12 69	Splinter forceps, pointed (stainless steel)	1	1	1	1	Forceps.
3.6	39 18 37	Teeth tissue forceps (stainless steel)	1	1	1	1	Forceps. See pages 71-74, 216-219.
3.7	39 18 38	Needle holder, Mayo-Hegar, 180 mm, straight	1	1	1	1	Needle holder. See pages 71-74.
3.8	39 18 39	Haemostatic clamp, Halstead mosquito, 125 mm, stainless steel	2	2	2	2	Haemostatic clamps.
3.9	39 18 40	Razor, disposable	5	5	5	5	Disposable razors.

### 4. EXAMINATION AND MONITORING EQUIPMENT

4.1	39 18 41	Tongue depressors, disposable	100	100	100	100	Disposable tongue depressors.
4.2	39 18 42	Reactive strips for urine analysis: blood/glucose/protein/nitrite/leukocytes	50	50	100	100	Reactive strips for urine analysis, See pages 311-312, 324.
4.3	39 13 34	Microscope slides	12	12	12	12	Microscope slides, See pages 265-269.
4.4	39 13 71	Stethoscope	1	1	1	1	Stethoscope.
4.5	39 13 68	Sphygmomanometer (blood pressure set), preferably automatic	1	1	1	1	Aneroid sphygmomanometer, See pages 305-307.
4.6a	39 18 46	Standard thermometer, digital if possible	2	2	3	3	Standard thermometer, See pages 302-304.
4.6b	39 18 47	Rectal thermometer, digital if possible	1	1	1	1	Rectal thermometer, See pages 302-304.
4.7	39 18 48	Thermometer 32°-34°C, digital if possible	1	1	1	1	Hypothermic thermometer, preferable range 26°C to 42°C to differentiate between severe-moderate-mild hypothermia; See pages 343-344.
4.8	39 18 49	Penlight + blue cover	1	1	1	1	Penlight (Blue light) to detect damage to cornea. See pages 33-34.

(to be continued)

Item No.	CODE	Recommended Item	Per 10	Per 20	Per 30	Per 40	Category Added Comments
4.9	<b>39 18 69</b>	Waterproof indelible marker	1	1	1	1	See page 29.
4.10	<b>39 12 53</b>	Magnifying glass (a x 8 loupe)	1	1	1	1	See pages 33-34.

**FORMS AND BOOKS**

4.11	<b>39 14 20</b>	Temperature cards / charts	10	10	10	10	Use as master copy from page 302.
4.12	<b>39 18 70</b>	Cards for telemedical advise	10	10	10	10	Use as master copy. Should be filled in before calling radiomedical advise.
4.13	<b>39 18 71</b>	Medical logbook	1	1	1	1	See p.455.
4.14	<b>39 18 72</b>	Controlled drug register	1	1	1	1	Controlled drug register.
4.15	<b>37 06 74</b>	International Medical Guide for Ships 3rd	1	1	1	1	Hard-copy.
4.16a	<b>39 18 88</b>	Forms from Annex A Ship master's report form	10	10	10	10	Use as master copy (See pages 455-461) file in medical log p.455.
4.16b	<b>39 18 89</b>	Forms from Annex A Ship's identity and navigational status form	10	10	10	10	Use as master copy (See pages 455-461).
4.16c	<b>39 18 90</b>	Forms from Annex A Patient health status form	10	10	10	10	Use as master copy (See pages 455-461).
4.16d	<b>39 18 91</b>	Forms from Annex A Primary physician's report form	10	10	10	10	Use as master copy (See pages 455-461).
4.17	<b>37 06 82</b>	Vaccination requirements	1	1	1	1	International travel and Health, current edition (WHO).
4.18	<b>39 18 92</b>	Malaria prophylaxis and treatment	1	1	1	1	<a href="http://www.who.int/malaria/publications.html">www.who.int/malaria/publications.html</a> See page 266.

**5. EQUIPMENT FOR INJECTION, INFUSION, AND CATHETERIZATION**

5.1	<b>39 18 50</b>	Syringes, Luer connection, 2 ml, sterile, disposable	10	20	30	40	Equipment for injection, See pages 324-329.
5.2	<b>39 18 51</b>	Syringes, Luer connection, 5 ml, sterile, disposable	10	20	30	40	Equipment for injection, See pages 324-329.
5.3	<b>39 18 93</b>	Syringes, Luer connection, 10 ml, sterile, disposable	10	10	20	20	Equipment for injection, See pages 324-329.
5.4	<b>39 18 52</b>	Hypodermic subcutaneous needle, Luer connection, 16 x 0.5 mm, (23G or 25G), sterile, disposable	20	30	40	50	Equipment for subcutaneous injection, See pages 324-329.
5.5	<b>39 18 53</b>	Hypodermic intramuscular needle (19G or 21G), Luer connection, 40 x 0.8 mm, sterile, disposable	20	30	40	50	Equipment for intramuscular injection, See pages 324-329.
5.6	<b>38 18 54</b>	Needles, 19G or 21G, blunt, "drawing up" type	20	30	40	50	Equipment for drawing the medicine into the syringe, See pages 324-329.
5.7a	<b>39 18 55</b>	Intravenous infusion cannula 16G (1.7 mm) or 19G, Luer-lock connection, sterile, non-recap type + mandarin	5	5	10	10	Equipment for intravenous fluid infusion, See page 326.
5.7b	<b>39 18 94</b>	Intravenous infusion cannula 22G (0.8 mm) or 21G, Luer-lock connection, sterile, non-recap type + mandarin	5	5	10	10	Equipment for intravenous fluid infusion, See page 326.
5.8	<b>39 18 56</b>	Intravenous giving set, Luer-lock connection, sterile + 3-way valve/ connection	5	5	10	10	Equipment for intravenous infusion, See pages 324-329.
5.9	<b>39 18 57</b>	Tourniquet, blood-taking type, to be used with intravenous infusion cannula	1	1	1	1	Equipment for infusion, See pages 324-329.
5.10a	<b>39 18 58</b>	Penile sheath set with condom catheter, tube, and bag	1	1	1	1	Bladder drainage equipment, See pages 308-309.
5.10b	<b>39 18 95</b>	Indwelling urine catheter 14 CH	1	1	1	1	Bladder drainage equipment, See pages 319-321.
5.11a	<b>39 18 59</b>	Short-term urine catheter with soft-eye straight tip Thieman No.12, or equivalent	2	2	2	2	Bladder drainage equipment, See pages 319-321.
5.11b	<b>39 18 96</b>	Short-term urine catheter with soft-eye straight tip Thieman No.16, or equivalent	2	2	2	2	Bladder drainage equipment, See pages 319-321.

(to be continued)

Item No.	CODE	Recommended Item	Per 10	Per 20	Per 30	Per 40	Category Added Comments
5.11c	39 18 97	Complete sterile urine catheterization set with lubricant, drapes, cotton swabs, skin disinfection, forceps, sterile container	2	2	2	2	Bladder drainage equipment, See pages 319-321.
5.12	39 18 60	Urine collecting bag and tube	2	2	2	2	Bladder drainage equipment, See pages 319-321.

#### 6. GENERAL MEDICAL AND NURSING EQUIPMENT

6.1	39 18 61	Plastic goggles or full-face mask	1	1	1	1	Eye protection.
6.2	39 18 62	Disposable plastic apron	10	10	10	10	Plastic apron.
6.3	39 13 16	Kidney dish, stainless steel, 825 ml	1	1	2	2	Kidney dish.
6.4	39 18 64	Towels, plastic backed, absorbent, 600 x 500 mm	10	10	10	10	Plastic backed towels.
6.5	39 18 65	Safety box for sharps disposable, 5 ltr	1	1	1	1	Safety box size of 1-5 liters may be chosen.
6.6	39 12 83	Mask, duckbill type, disposable	50	50	100	100	Mask.
6.7	39 18 67	Tape measure, vinyl coated, 1.5 m	1	1	1	1	Tape measure.
6.8	39 18 68	Draw sheet, plastic 90 x 180 cm	1	1	1	1	Draw sheet.
6.9	39 12 08	Bedpan, stainless steel	1	1	1	1	Bedpan.
6.10	39 12 90	Hot-water bag	1	1	1	1	Hot-water bottle.
6.11	39 14 40	Urinal, male (plastic)	1	1	1	1	Urine bottle.
6.12	39 12 92	ColdHotpack Maxi	1	1	1	1	Ice bag.
6.13	39 18 73	Aluminium foil blanket	1	1	1	1	Aluminium foil blanket.
6.14	39 12 26	Male condoms	100	200	300	400	Condoms, assorted sizes.
6.15	39 18 75	Plastic wash bottle, 250 ml	1	1	1	1	Wash bottle.
6.16	39 18 76	Bottle, 1 ltr, plastic with screw top	1	1	1	1	Plastic bottle.
6.17	39 18 77	Stainless steel dressing tray, 300 x 200 x 30 mm	1	1	1	1	Dressing tray.
6.18	39 18 79	Bowl, stainless steel, 180 ml	1	1	1	1	Bowl.
6.19	39 18 80	Jars, plastic, with lids and labels, 100 ml	10	20	30	40	Specimen jars.
6.20a	39 18 81	Bandages, POP, 5 cm x 2.7 m	6	6	6	6	Plaster-of-Paris bandages, may be omitted if splints are carried.
6.20b	39 18 98	Bandages, POP, 10 cm x 2.7 m	6	6	6	6	Plaster-of-Paris bandages, may be omitted if splints are carried.
6.21a	39 18 82	Stockinet sizes for arm splints, 10 m roll	1	1	1	1	Stockinet. See pages 43-58.
6.21b	39 18 99	Stockinet sizes for leg splints, 10 m roll	1	1	1	1	Stockinet. See pages 43-58.
6.22	39 18 83	Cotton wool roll, 500 g	1	1	2	2	Cotton wool. See pages 43-58.
6.23	39 18 84	Alcohol swabs	100	100	100	100	70% alcohol swabs for skin cleansing prior to injection.
6.24	39 18 85	Nail brush	1	1	1	1	Nail brush.
6.25	65 17 15	Thermometer for refrigerator	1	1	1	1	If Tetanus vaccine and Immunoglobin are on board.
6.26	39 19 29	Mortuary transfer bag	1	1	1	1	See pages 334-336.

#### DISINFECTANTS, DISINSECTANTS

6.27	39 19 30	Water disinfection set including measure kit / test stripes for pH and for residual chlorine	1	1	1	1	To disinfect portable water tanks with chlorine effectively, See pages 359-360.
6.28	39 19 52	Disinfectant solution for medical instruments, 1,000 ml: 3% aqueous phenolic solution	1	1	1	1	For disinfection of used instruments* and thermometers. See page 331. *Caution: All items entering the skin or are in direct contact with mucous membranes should be single use (i.e. injection needles, urinary catheters).
6.29	39 19 45	Disinfectant for surfaces and floor, 1,000 ml concentrate: 2% cetrimide solution or 3% aqueous phenolic solution.	1	1	1	1	For disinfection of contaminated surfaces, hard-surface objects and floors. (Non-food-handling area), See page 331.

(to be continued)

Item No.	CODE	Recommended Item	Per 10	Per 20	Per 30	Per 40	Category Added Comments
6.30	<b>39 19 46</b>	<i>Disinfectant for surfaces and floor, 1,000 ml concentrate: sodium hypochlorite 100 mg/ltr</i>	2	2	2	2	<i>For disinfection of food-handling area: cutlery, dishes, plates, glasses, See page 331.</i>
6.31	<b>39 19 47</b>	<i>Chlorpyrifos 5 g/ltr in bait stations or gels</i>	20	20	20	20	<i>To use against cockroaches in food storage and preparation area, See pages 362-365.</i>
6.32	<b>39 19 48</b>	<i>Chlorpyrifos-methyl 7-10 g/ltr spray – 1 piece</i>	10	10	10	10	<i>To use against cockroaches in other areas than food storage and preparation area, See pages 362-365.</i>
6.33	<b>39 19 49</b>	<i>Insecticide spray permethrine, natural pyrethrins or chlorpyrifos-methyl</i>	1	2	3	4	<i>For space spraying, not for skin. See pages 362-365.</i>

## 7. IMMOBILIZATION AND TRANSPORTATION EQUIPMENT

7.1	<b>39 18 86</b>	Malleable finger splint	1	1	1	1	Malleable splints (small), See pages 43-58.
7.2	<b>39 18 87</b>	Malleable forearm/hand splint	2	2	2	2	Malleable splints (medium), See pages 43-58.
7.3	<b>39 19 50</b>	Malleable splint legs	2	2	2	2	Malleable splints (large), See pages 43-58.
7.4	<b>39 13 91</b>	Stretcher	1	1	1	1	Stretcher equipment (a system for trauma management, i.e. immobilization and stretcher equipment most suited for treatment in the vessel concerned. Preferably allowing crane/helicopter lifting. See page 7.)
7.5	<b>39 19 51</b>	Cervical rigid collar variable size	1	1	1	1	For neck immobilisation, See pages 7, 45.

### Endnote

1. Medical first aid guide for use in accidents involving dangerous goods (MFAG), London, International Maritime Organization, 2004.

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## Medical First Aid Guide Dangerous Good List

### Appendix 14

#### LIST OF MEDICINES AND EQUIPMENT

##### Preamble

- 39  
Medicine
- 1 Medicines and equipment already available in the ship's medicine chest may be counted towards the MFAG numerical requirements outlined below.
  - 2 In some cases, alternatives are given. This means that one of the given alternatives should be chosen.
  - 3 Not all drugs and antidotes on the list may be licensed as pharmaceutical specialities in all Member States and thus available for general purchase. In such cases, the national authorities may issue a modified list, also in English, where drugs on the below list not available are substituted with analogous drugs in corresponding quantities.
  - 4 In countries with official lists on contents of ship's medicine chests, the national authorities can decide to substitute some of the drugs on the below list with analogous drugs available in the ordinary ship's medicine chest.
  - 5 The recommended minimum quantities are based on an estimate of risk to persons on board and the time within which full treatment on shore can be given.

- 6 National authorities can decide on exemption from carrying these medicines for vessels making short regular voyages of ten minutes or less.

Labelling, storage and dispensing should, in general, conform to the relevant specifications in the IMGS. Contents and storage conditions should be checked at least once a year, taking account of manufacturers expiry date and instructions. Medicines used should be replaced as soon as possible.

Column A of the following table shows the recommended minimum requirements for ships when casualties **cannot** be hospitalized on shore within 24 hours. Column B shows the recommended minimum requirements for ships when casualties can be hospitalized on shore within 24 hours. Column C shows the recommended minimum requirements for ships when casualties can be hospitalized on shore within 2 hours.

CODE	Medicine	Format/ Standard unit	Recommended Minimum Quantity			Dosage	Reference
			A	B	C		
39 19 01	amoxycillin	capsules 500 mg	30 capsules	none	none	500 mg x 3	Table 9
39 19 02	anaesthetic eye drops	eye drops (bottle)	5 bottles	5 bottles	5 bottles	several drops x several	Table 7
39 19 03	antibiotic eye ointment	eye ointment (tube)	5 tubes	5 tubes	none	apply 2 to 4 times daily or more frequently if required	Appendix 7
39 19 04	atropine	injection fluid 1 (or 0.5) mg/ml (1 ml ampoule)	15 (or 30) x 1 ml	15 (or 30) x 1 ml	none	1 mg x several	Table 17
39 19 05	beclomethasone (including inhalation device)	inhalation aerosol 50 µg/dose (200 doses) or 250 µg/dose (200 doses)	5 x 200 doses	5 x 200 doses	none	250 µg x several (5 puffs of 50 µg/dose) or (1 puff of 250 µg/dose)	Table 9
39 19 06	or budenoside (including inhalation device)	inhalation aerosol 200 µg/dose (100 doses)	5 x 100 doses	5 x 100 doses	none	400 µg x several (2 puffs of 200 µg/dose)	
39 19 07	calcium gluconate gel	gel 2% (25 g tube)	5 tubes	5 tubes	5 tubes	apply several times	Tables 8, 16
39 19 08	calcium gluconate	Effervescent tablets 1 g	20 tablets	20 tablets	none	5 g x 2	Table 16
39 19 09	cefuroxime	injection substance 750 mg (750 mg bottle)	10 x 750 mg	none	none	750 mg x 3	Table 10
39 19 10	charcoal, activated	powder (50 g bottle) or effervescent granules (5g sachet)	2 x 50 g or 10 x 5 g	2 x 50 g or 10 x 5 g	none	50g x 1	Table 10
39 19 11	diazepam	rectal solution 10 mg (ampoule)	5 x 10 mg	5 x 10 mg	none	10 mg x 1 to 5	Tables 4, 5, 6
39 19 12	erythromycin	tablets 500 mg	30 x 500 mg	none	none	500 mg x 4	Table 9
39 19 13	ethyl alcohol	solution 99.5% (500 ml bottle)	3 x 500 ml	1 x 500 ml	none	25 ml x 8 (25 ml 99.5% in 250 to 300 ml water or soft drink)	Table 19
39 19 14	fluorescein	eye test strip	1 package	none	none	1 test strip x 2	Appendix 7
39 19 15	furosemide (frusemide)	injection fluid 10 mg/ml (5 ml ampoule)	5 x 5 ml	none	none	50 mg x 3	Tables 2, 9
39 19 16	metoclopramide	injection fluid 5 mg/ml (2 ml ampoule)	30 x 2 ml	10 x 2 ml	5 x 2 ml	10 mg x 3	Tables 7, 8, 10, 13, 15, 20
39 19 17	metronidazole	suppositories 1 g	10 x 1 g	none	none	1g x 3	Table 10
39 19 18	morphine sulphate	injection fluid 10 mg/ml (1 ml ampoule)	40 x 1 ml	10 x 1 ml	5 x 1 ml	10 to 20 mg x 6 or 7	Tables 7, 8, 10, 13
39 19 19	naloxone	injection fluid 0.4 mg/ml (1 ml ampoule)	5 x 1 ml	5 x 1 ml	2 x 1 ml	0.4 mg x 1 to 5	Tables 4, 13
39 19 20	oral rehydration salts (ORS)	sachets or tablets to dissolve in water	ORS to give 18 litres solution	ORS to give 6 litres solution	none	1 litre x 3 or more	Tables 8, 10, 11
39 19 21	paracetamol	tablets 0.5 g	200 tablets	100 tablets	20 tablets	1g x 4	Tables 7, 8, 13
39 19 22	phytomenadione	injection fluid 10 mg/ml (1 ml ampoule)	10 x 1 ml	none	none	10 mg x 2 or more	Table 14
39 19 23	plasma expander (gelatine-based)	infusion fluids (500 ml bottles)	3 x 500 ml	3 x 500 ml	none	500 ml x 1 to 3	Appendix 13
39 19 24	rehydration salts - see oral rehydration salts						Tables 8, 10, 11
39 19 25	salbutamol (including inhalation device) or terbutaline (including inhalation device)	inhalation aerosol 100 µg/dose (200 doses)	5 x 200 doses	5 x 200 doses	1 x 200 doses	200 µg x several (2 puffs of 100 µg/dose)	Table 9
39 19 26		inhalation aerosol 500 µg/dose (50 doses)	5 x 50 doses	5 x 50 doses	1 x 50 doses	500 µg x several (1 puff of 500 µg/dose)	
39 19 27	sodium chloride, isotonic (saline)	9 mg/ml (0.9%) (1 ltr bottle)	5 x 1 ltr	3 x 1 ltr	1 x 1 ltr	1 ltr x 1 to 3	Table 7
39 19 28	terbutaline - see salbutamol						

## LIST OF EQUIPMENT

- Column A of the following table shows the recommended minimum requirements for ships when casualties **cannot** be hospitalized on shore within 24 hours.
- Column B shows the recommended minimum requirements for ships when casualties can be hospitalized on shore within 24 hours.
- Column C shows the recommended minimum requirements for ships when casualties can be hospitalized on shore within 2 hours.

39 19 42	rectal infusion set catheter (26 French gauge)	1 6	none none	none none	Appendix 13
39 19 43 44	syringes 2 ml 5 ml	100 10	50 10	10 none	

- A minimum of 44 litres/200 bar oxygen of which there should be at least:

- one complete portable set with 2 ltr/200 bar oxygen ready for use with a spare cylinder of 2 ltr/200 bar and
- one oxygen cylinder of 40 ltr/200 bar (at ship's hospital, assembled for direct use) with one flowmeter unit (two ports) for supplying of oxygen for two persons at the same time. If more than one non-portable oxygen cylinder is used, there must be two flowmeter units for supplying of oxygen for two persons at the same time.

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(to be continued)

### **List of Recommended Medicines and Equipment by International Medical Guide for Ships - Second Edition**

The following table was devised in accordance with the "List of Medicines" recommended for the ship's medicine chest in accordance with the regulations of the World Health Organization. The table is set up in the same way as the International Medical Guide For Ships (2nd edition) with a code number assigned to each medicine to make it quick and easy to determine what medicines are required on board, compare the ship's current inventory of medical supplies, and submit orders for the medications required. We have also provided some helpful information about prescribing the medication as well as notes of caution in the use of the medication.

## "List of Medicines"

WHO Number	Medicine with the corresponding IMPA code number	Required inventory	Conditions for which the medication is prescribed with notes of caution for use
1.	Acetylsalicylic acid, 300 mg tablets, 100's (Common aspirin) <b>39 01 86</b>	6 btl.	For relief of aches and pains caused by illnesses such as influenza, a cold, and sinusitis. Also to relieve headaches, neuralgia, muscular aches, joint pains, and fever.
2.	Alcohol, rubbing (70% ethyl alcohol), 500 ml <b>39 01 30</b>	6 btl.	Used as an antiseptic to sterilize and disinfect the skin prior to injections or other surgical procedures.
3.	Aluminium acetate, ear drops, 13% solution in 20 ml bottle <b>39 06 03</b>	6 btl.	Used for treating a boil in the ear.
4.	Aluminium acetate powder, 2 grm packet, 12's <b>39 06 04</b>	2 box	<u>For external use only.</u> A solution/mixture used as a soothing, astringent wet dressing for inflamed or exposed areas of the skin. Effective remedy for insect bites, poison ivy, or fungal infections such as athlete's foot. <u>CAUTION : Keep away from eyes. Do not give internally.</u>
5.	Aluminium hydroxide gel with magnesium hydroxide, 360 ml <b>39 06 05</b>	6 btl.	Used in treating gastric hyperactivity and peptic ulcer, acid ingestion, or sour stomach.
6.	Aluminium hydroxide w/magne-sium hydroxide, 1 grm tablets, 100's <b>39 06 06</b>	10 btl.	Used in the same way as the oral suspension.
7.	Aminophylline suppository, rectal 500 mg, 12's <b>39 06 07</b>	2 box	To facilitate breathing in patients who have bronchial asthma, asthmatic bronchitis, pulmonary emphysema, and certain types of heart failure. <u>Give only on radio medical advice.</u> (Refrigerate)
8.	Amitriptyline tablets, 25 mg, 100's <b>39 06 08</b>	1 btl.	A psychotherapeutic drug used in the treatment of depression and anxiety. To be prescribed only after obtaining radio medical advice. Not to be given to people with a history of seizure, urinary retention, glaucoma, liver disease, or to patients with cardiovascular complications.
9.	Ampicillin capsules, 250 mg, 100's <b>39 01 38</b>	3 btl.	For chest infections, urinary and gastrointestinal infections, and infections of the tonsils and throat. Give only upon radio medical advice from a physician. Persons allergic to penicillin should be assumed to be allergic to ampicillin and should not receive this medication.
10.	Antihaemorrhoidal suppositories, 12's <b>39 06 10</b>	6 box	For temporary relief of itching, burning, and soreness from haemorrhoids.
11.	Ascorbic acid tablets (vitamin C), 50 mg, 100's <b>39 05 44</b>	3 btl.	For the treatment and prevention of colds.
12.	Atropine sulfate injection, 0.5 mg/ml, 1 ml ampoules, 10's <b>39 06 12</b>	6 box	Used as an antidote in the treatment of poisoning by insecticides. Do not administer this drug before obtaining radio medical advice.
13.	Benzathine benzylpenicillin injection, 2.4 million unit/5ml vial <b>39 06 13</b>	20 pcs.	Used as an antibiotic, particularly for the treatment of syphilis. Before administering any penicillin preparation, determine if the patient is allergic to penicillin.
14.	Benzoic and salicylic acid ointment, 30 grm tube <b>39 01 96</b>	2 pcs.	Used in treating fungal infections of the skin. <u>For external use only.</u>
15.	Calamine lotion, plain, 120 ml. <b>39 02 20</b>	8 btl.	For the relief of itching or irritated skin, heat rashes, and hives. Do not use on open or seething sores.
16.	Calcium gluconate, effervescent tablets, 1 grm, 30's <b>39 06 16</b>	1 box	Used primarily in cases of poisoning by oxalic acid or sodium fluoride.
17.	Cetrimide, 40% solution, 500 ml (disinfectant) <b>39 02 26</b>	3 btl.	Disinfectant for external use only. This stock solution should be diluted before use.
18.	Charcoal, activated, powder, 120 grm <b>39 06 18</b>	1 btl.	Used in the initial treatment of most poisoning. Should not be used on unconscious patients because of the danger of the aspiration of the powder.
19.	Chloroquine phosphate tablets, 250 mg, 100's <b>39 06 19</b>	1 btl.	To prevent and treat malaria.
20.	Chlorphenamine maleate tablets, 4 mg, 20's <b>39 06 20</b>	3 btl.	For treating allergic reactions such as hay fever, urticaria, and anaphylactic shock. Do not give to patients with a history of glaucoma.
21.	Chlorphenamine maleate injection, 10 mg, 1 ml ampoules, 10's <b>39 06 21</b>	2 box	See previous item.

(to be continued)

WHO Number	Medicine with the corresponding IMPA code number	Required inventory	Conditions for which the medication is prescribed with notes of caution for use
22.	Chlorpromazine hydrochloride tablets, 25 mg, 20's <b>39 06 22</b>	4 btl.	For treating anxiety, tension, and agitation.
23.	Chlorpromazine hydrochloride injection, 25 mg in 1 ml ampoules, 10's <b>39 06 23</b>	2 box	Same as for chlorpromazine tablets.
24.	Clove oil, 20 ml <b>39 05 14</b>	2 btl.	For the relief of toothaches caused by cavities.
25.	Codeine sulfate tablet 30 mg, 100's Controlled substance <b>39 02 34</b>	1 btl.	Used to relieve coughing or diarrhoea. <u>WARNING : A controlled substance. An exact record of its use must be kept.</u>
26.	Cyclizine hydrochloride tablet, 50 mg, 100's <b>39 06 26</b>	4 btl.	For relief of nausea, vomiting and dizziness associated with motion sickness.
27.	Dextran injection, 6% and sodium chloride, 0.9% 500 ml <b>39 06 27</b>	6 btl.	To expand plasma volume and maintain blood pressure in the emergency treatment of shock due to loss of blood. <u>Give only on the radio medical advice from a physician. Only trained people can administer this drug intravenously.</u>
28.	Diazepam injection, 5 mg/ml, 2 ml ampoule Controlled substance <b>39 06 28</b>	20 pcs.	For treatment of severe agitation, including acute alcohol withdrawal states and convulsions. <u>CAUTION : The injection should be given only on medical advice. This is a controlled substance. Keep an exact record of its use and keep stored in a locked cabinet.</u>
29.	Diazepam tablets, 5 mg, 100's Controlled substance <b>39 04 62</b>	2 btl.	For the treatment of common anxiety and tension, and the management of agitation during alcohol withdrawal. Same precautions must be taken with the use of the tablets as the injections above.
30.	Dimercaprol injection, 100 mg in 2 ml ampoules, 10's <b>39 06 30</b>	6 box	Used as an antidote in poisoning from arsenic (pesticides), gold, and mercury. <u>Always obtain radio medical advice in the event of such poisoning.</u>
31.	Doxycycline hydrochloride tablets, 100 mg, 100's <b>39 06 31</b>	2 btl.	Antibacterial agent used in the treatment urinary infections.
32.	Ephedrine sulfate tablets, 25 mg, 100's <b>39 03 06</b>	1 btl.	To regulate breathing in asthma attacks, prevent asthma attacks for chronic asthma cases, and to relieve nasal congestion in hay fever and severe head colds. Obtain radio medical advice before using this drug. This drug should not be given to patients with chronic heart disease, high blood pressure, glaucoma, diabetes, or hyperthyroidism.
33.	Epinephrine hydrochloride injection, 1:1000, 1 ml ampoules 10's <b>39 06 33</b>	2 box	1. For acute asthma attacks and severe allergic reactions to penicillin and other drugs, and insect bites. 2. For cardiac or circulatory failure.
34.	Ergometrine maleate injection, 0.2 mg, in 1 ml ampoules, 10's <b>39 06 34</b>	1 box	Medicine administered to the mother after delivery of an infant, contracts the womb and reduces the risk of haemorrhaging.
35.	Erythromycin tablets, 250 mg, 100's <b>39 06 35</b>	3 btl.	Used for the treatment of a variety of infections of the upper and lower respiratory tract; infections of the mouth, gums, and teeth, ears, nose and sinuses.
36.	Eye anaesthetic drops, 0.5% solution of tetracaine hydrochloride, 10 ml <b>39 03 12</b>	2 btl.	For local anaesthetic of the eye before foreign particles are removed. For external use.
37.	Eye antiinfective drop, 1% solution of chloramphenicol, 10 ml <b>39 06 37</b>	3 btl.	For treating infectious eye diseases (blepharitis, conjunctivitis).
38.	Eye ointment, 1% tetracycline hydrochloride, 4 grm. tube <b>39 06 38</b>	6 pcs.	For superficial eye infections, trachoma, inflammation of the eyelids and tear sacs, and prevention of eye infection in injured eyes.
39.	Eyewash, isotonic, sterile, 120 ml <b>39 03 16/17</b>	6 btl	For irrigating or flushing the eye to wash away foreign particles, mucous secretions, and fluorescein dye used in diagnosis.
40.	Fluorescein sodium ophthalmic strip, sterile, 200's <b>39 06 40</b>	1 pkt	Used for the detection of lesions or small foreign bodies embedded in the cornea of the eyeball.
41.	Furosemide tablets, 40 mg, 100's <b>39 06 41</b>	1 btl.	A potent, short acting diuretic which causes the production of urine by affecting the kidneys. This drug is to be used only after getting radio medical advice.
42.	Glyceryl trinitrate tablets, 0.5 mg, 20's <b>39 03 30</b>	2 btl.	For an acute attack of angina pectoris.

(to be continued)

WHO Number	Medicine with the corresponding IMPA code number	Required inventory	Conditions for which the medication is prescribed with notes of caution for use
43.	Hydrocortisone sodium succinate for injection 100 mg. <b>39 06 43</b>	5 vials	For use on medical advice only. 1. For severe shock. 2. For acute allergic reactions. 3. For the control of life threatening inflammation of the lungs after a patient has inhaled vomit.
44.	Hydrocortisone ointment, 1%, 30 gm tube <b>39 06 44</b>	6 pcs.	For temporary relief of certain skin disorders, common rashes, inflamed skin, and disorders causing itching and discomfort. <u>WARNING : Do not apply to the eyes. Do not use for extended periods of time without a physician's order.</u>
45.	Ichthyl & glycerine ointment, in 100 gm container <b>39 06 45</b>	3 pcs.	For treatment of boils, fishermen's hand infections, salt water boils, etc.
46.	Insect repellent, 50 ml <b>39 03 52</b>	12 btl.	<u>External use only.</u> Repels mosquitos, chiggers, flies, and other biting insects. Do not apply near the eyes, nose, or mouth.
47.	Iodine, 2.5% solution in 100 ml bottle <b>39 05 10</b>	4 btl.	<u>For external use only.</u> For disinfecting the skin against round worms and for the treatment of small cuts and skin bruises to prevent infection.
48.	Lidocaine hydrochloride injection 1%, 2 ml ampoule <b>39 06 48</b>	12 pcs.	For use as a local anaesthetic in minor surgical procedures.
49.	Lindane cream, 1%, 6 gm tube <b>39 06 49</b>	12 pcs.	For infestations of scabies and lice. For external use only.
50.	Magnesium hydroxide suspension, 550 mg/10 ml, 500 ml <b>39 06 50</b>	8 btl.	For use as a laxative. Never give magnesium hydroxide suspension to a patient with abdominal pain without first consulting a doctor.
51.	Metronidazole tablets, 200 mg, 100's <b>39 06 51</b>	5 btl.	For the treatment of salpingitis and other diseases of women and the treatment of amoebic dysentery.
52.	Miconazole nitrate, 2%, vaginal cream, in 80 gm container <b>39 06 52</b>	5 pcs.	For the treatment of external vaginal itching.
53.	Miconazole nitrate, 100 mg, pessary and inserter <b>39 06 53</b>	20 pcs.	Like miconazole vaginal cream, in genital itching.
54.	Mineral oil (liquid petrolatum) 500 ml <b>39 06 54</b>	1 btl.	Used as a skin emollient or protective agent. Also used to help remove ointments or creams from treated skin areas.
55.	Morphine sulfate injection, 10 mg/ml, 1 ml ampoules, 10's Controlled substance <b>39 03 90</b>	2 box	For severe pain which cannot be relieved by analgesics. Obtain medical advice prior to use. <u>Caution : An addiction producing drug. Do not give morphine unless the radio medical doctor has instructed you to do so.</u>
56.	Naloxone hydrochloride injection, 0.4 mg/ml, 1 ml ampoules <b>39 06 56</b>	6 pcs.	For the emergency treatment of respiratory depression resulting from the administration of narcotics, such as morphine.
57.	Neomycin and bacitracin ointment, 30 gm tube <b>39 06 57</b>	20 pcs.	Used in the treatment and prevention of infection in second and third degree burns.
58.	Oral rehydration salts in water-proof bags <b>39 06 58</b>	50 pcs.	For the treatment of diarrhoea and other diseases causing dehydration.
59.	Oxygen, size E tank <b>33 04 01/03</b>	2 pcs.  Compressed oxygen 7222 D, F	To make up for the lack of oxygen in the blood and tissues, the symptoms for which are cyanosis (bluish colour to the skin and nail beds), dyspnoea (rapid shallow breathing), rapid thready pulse, and restlessness. <u>Only trained personnel should administer oxygen. The use of oxygen presents an explosion hazard.</u>
60.	Paracetamol, 500 mg tablet <b>39 06 60</b>	300 pcs.	To relieve pain and fever.
61.	Petrolatum, white, 60 gm tube <b>39 04 72</b>	6 pcs.	Used as a bland and neutral protective dressing for minor burns, abrasion, and dry skin.
62.	Phenobarbital tablets, 30 mg, 100's Controlled substance <b>39 04 42</b>	3 btl.	1. For insomnia. 2. For relatively prolonged sedation, as in some anxiety and tension states and in hypertension. 3. For the treatment of epilepsy. Patients using this drug should not drink alcohol.

(to be continued)

WHO Number	Medicine with the corresponding IMPA code number	Required inventory	Conditions for which the medication is prescribed with notes of caution for use
63.	Phenoxycephalothin potassium tablets, 250 mg, 100's <b>39 04 38</b>	3 btl.	Used for susceptible infections. Give on radio medical advice only. Before administering any penicillin preparation, determine, if possible, whether the patient is allergic to penicillin.
64.	Pilocarpine hydrochloride eye drops, 2%, 15 ml <b>39 06 64</b>	2 btl.	Used for the management of glaucoma.
65.	Potassium permanganate, 100 grm. <b>39 06 65</b>	2 btl.	Diluted in water, this substance is used for the disinfection of the skin and mucous membranes and for the treatment of some skin diseases. For external use.
66.	Probenecid tablets, 500 mg, 100's <b>39 06 66</b>	2 btl.	Used along with intensive therapy with benzylpenicillin, with ampicillin, and a number of other penicillins for prolonging the effective blood concentration of these drugs.
67.	Procaine benzylpenicillin, sterile suspension injection, 600,000 units/ml, 1 ml vials, 10's <b>39 06 67</b>	2 box	To be given only upon the radio medical advice of a physician. Used for susceptible infections. Before administering any penicillin preparation, determine, if possible, whether the patient is allergic to penicillin.
68.	Proguanil tablets, 100 mg, 100's <b>39 06 68</b>	1 btl.	For the prevention of malaria. Given either alone or in association with chloroquine.
69.	Pyrantel tablets, 250 mg, 50's <b>39 06 69</b>	1 btl.	For the treatment of ringworm and roundworm infections.
70.	Quinine sulfate tablet, 300 mg, 100's <b>39 06 70</b>	2 btl.	Used for the treatment of acute attacks of malaria contracted in certain areas. Quinine sulfate may produce toxic symptoms such as ringing in the ears or sensation of fullness in the head.
71.	Quinine dihydrochloride, injection, 300 mg/ml, 2 ml ampoule, 10's <b>39 06 71</b>	2 box	For use in the treatment of acute attacks of malaria when the patient is unable to tolerate oral medication because of repeated vomiting or impairment of consciousness.
72.	Salbutamol, aerosol inhaler unit <b>39 06 72</b>	2 pcs.	An inhaled spray used for the relief of bronchial asthma.
73.	Sodium chloride injection, 0.9%, 1,000 ml <b>39 06 73</b>	6 btl.	Used intravenously to replace water, chloride, and sodium lost in excessive vomiting or diarrhoea, in dehydration due to excessive sweating, and in mild haemorrhage. Obtain radio medical advice before administering.
74.	Sodium chloride tablet, 1 grm, 1,000's <b>39 04 58</b>	2 btl.	Used to help avoid heat exhaustion, heat stroke, or heat cramps by replenishing body salts lost through excessive perspiration.
75.	Spectinomycin hydrochloride injection, 2 grm per 5 ml vial. <b>39 06 75</b>	20 pcs.	Used for the treatment of gonorrhoeal urethritis and proctitis in men and gonorrhoeal cervicitis and proctitis in women.
76.	Sulfamethoxazole & trimethoprim (400 + 80 mg) tablets, 20's <b>39 06 76</b>	10 btl.	For the treatment of urinary infections.
77.	Talc (talcum powder) 120 grm <b>39 06 77</b>	6 cans	Used as a skin lubricant and protector, and as a dusting powder for such skin irritations as chafing and heat rash.
78.	Tetanus immune human globulin, 250 units, vial <b>39 06 78</b>	5 pcs.	To provide immunity to tetanus in a patient who has not received vaccination and has a potentially contaminated wound. This drug should be carried only on ships transporting horses, cattle, and hides.
79.	Tetanus toxoid adsorbed, single dose, ampoule <b>39 06 79</b>	10 pcs.	For active immunization against tetanus.
80.	Tetracycline ear drops, 1% tetracycline solution, 10 ml <b>39 06 80</b>	10 btl.	For use in the treatment of ear infections.
81.	Tetracycline hydrochloride capsules, 250 mg, 100's <b>39 06 81</b>	3 btl.	For use in treatment of susceptible infections. To be given only after receiving radio medical advice.
82.	Water, sterile, 5 ml ampoules, 10's <b>39 06 82</b>	3 box	To dissolve penicillin in powder form.
83.	Zinc oxide paste, 30 grm tube <b>39 06 83</b>	12 pcs.	A non-toxic, protective, water insoluble, mildly astringent, and antiseptic paste employed in a large variety of diseases and irritations of the skin.

The following list comprises the required inventory of surgical equipment, instruments, and supplies for ocean going vessels in accordance with the provisions of the WHO International Medical Guide for Ships (2nd edition). All required equipment is listed with the standard inventory and a code number for easy stocking of the items.

## Equipment

WHO Number	CODE	Description	Quantity required
1.	39 13 16	Basin, emesis, kidney shape	1 pc.
2.	39 12 06	Basin, wash, with rim	1 pc.
3.	39 12 08	Bedpan	1 pc.
4.	39 12 33	Cane, with rubber tip	1 pc.
5.	39 12 32	Crutches, adjustable, wood, with rubber tip	1pr.
6.	39 12 46	Eye cup	2 sets
7.	39 13 28	Funnel, metal, 12 cm diameter	1 pc.
8.	39 13 32	Glass cylinder 50 cm <sup>3</sup> graduated	1 pc.
9.	39 13 33	Glass cylinder 500 cm <sup>3</sup> graduated	1 pc.
10.	39 12 91	Heating pad, electric, waterproof, AC/DC	1 pc.
11.	39 12 92	Hot water/ice bag, rubber	1 pc.
12.	39 13 91	Litter, Stokes	1 pc.
13.	39 12 53	Magnifying glass	1 pc.
14.	39 13 90	Neil Robertson stretcher	1 pc.
15.	39 12 03	Oxygen unit, portable	1 pc.
16.	39 12 04	Spare oxygen cylinder, size E	1 pc.
17.	39 12 87	Refrigerator, about 60 ltr capacity	1 pc.
18.	23 26 21	Cuffs	2 pcs.
19.	39 13 92	Mummy restraint	1 pc.
20.	39 12 88	Side board	2 pcs.
21.	39 12 05	Resuscitator, hand operated	1 pc.
22.	39 12 94	Rubber inflatable ring pad	1 pc.
23.	65 07 68	Scales, capacity 150 kg	1 pc.
24.	39 13 68	Sphygmomanometer, aneroid, 300 mm Hg scale	1 pc.
25.	39 13 78	Splints, inflatable, arm, assorted sizes, 6's	1 pkt
26.	39 13 79	Splints, inflatable, leg, assorted sizes, 6's	1 pkt
27.	39 12 65	Splints, finger, assorted sizes 6's	1 pkt
28.	39 13 86	Sterilizer, steam pressure type	1 set
29.	39 13 88	Sterilizer, water type, 3 ltr, electric	1 set
30.	39 13 71	Stethoscope, disc-diaphragm type	1 pc.

(to be continued)

31.	39 14 23	Thermometer, bath	2 pcs.
32.	39 12 07	Tray with cover	1 pc.
33.	39 14 40	Urinal, male	2 pcs.
34.	39 12 89	Receptacle, 12 ltr. capacity	1 pc.
35.	37 06 74	International medical guide for ships	1 vol.
36.	37 06 80	Medical first aid guide	1 vol.
37.	37 06 81	International health regulations	1 vol.
38.	37 06 82	Vaccination certificate requirements and health advice	1 vol.

## Instruments

WHO Number	CODE	Description	Quantity required
39.	39 12 02	Airway, pharyngeal, plastic, adult and child sizes.	2 pcs.
40.	39 13 55 57	* Blade, surgical knife, No. 10 * Blade, surgical knife, No. 15	1 pc. 1 pc.
41.	39 12 73	Forceps, dressing, bayonet shaped, Adsor, 18 cm	1 pr.
42.	39 12 74	Forceps, haemostat, curved, Halstead, mosquito, 15 cm	2 prs.
43.	39 12 67	Forceps, haemostat, straight, Spencer-Wells 15 cm	2 prs
44.	39 12 75	Forceps, haemostat, curved, Kelly, 15 cm	2 prs
45.	39 12 69	Forceps, splinter, tweezers, 10 cm	1 pr.
46.	39 12 76 77	Forceps, tissue, 2-3 dents (a) 13 cm (b) 18 cm	1 pr. 1 pr.
47.	39 13 53	Handle, knife, No.3	2 pcs.
48.	39 13 62	Scissors, bandage, Lister angular, one sharp point and one blunt point, 20 cm	3 pcs.
49.	39 13 61	Scissors, surgical, straight, 15 cm	2 pcs.
50.	39 14 47	Hammer, reflex testing, 20 cm	1 pc.
51.	39 14 07	Needle holder, suture, Hegar-Mayo, 14 cm	2 pcs.
52.	39 10 82 81	Adhesive tape, surgical (a) 5 cm x 5 m (b) 2 cm x 5 m	6 rls. 6 rls.
53.	39 14 09	Administration set, intravenous with hub needle 1 mm x 40 mm, disposable	6 pcs.
54.	39 10 44	Applicators, wood, 2 mm x 15 cm, 50's	3 pkt.
55.	39 10 13 12 11	Bandage, cotton, elastic, rubberless 12's (a) 10 cm x 5 m roll (b) 8 cm x 5 m roll (c) 5 cm x 5 m roll	1 box 1 box 1 box

(to be continued)

WHO Number	CODE	Description	Quantity required				
56.	<b>39 10 15</b>	Bandage, gauze, roller 3 cm x 10 m, 12's	1 pkt	80.	<b>39 12 83</b>	Mask, face, disposable	50 pcs.
57.	<b>39 10 42</b>	Bandage, absorbent, adhesive, 5 cm x 5 m, 100's	2 box	81.	<b>39 12 61</b>	Medicine cup, 30 ml, disposable, 100's	1 box
58.	<b>39 10 20 21</b>	Bandage, gauze, roller (a) 10 cm x 5 m (b) 12 cm x 5 m	60 pcs. 40 pcs.	82.	<b>39 13 34</b>	Microscope slide	100 pcs.
59.	<b>39 10 54 55</b>	Casualty dressing, adhesive, individually wrapped (a) 9 cm x 6 cm (b) 18 cm x 9 cm	30 pcs. 20 pcs.	83.	<b>39 13 93</b>	Mortuary transfer bag	2 pcs.
60.	<b>39 10 22</b>	Bandage, muslin, triangular, 90 x 130 cm	4 pcs.	84.	<b>39 13 04</b>	Needle, hypodermic, 0.5 mm x 16 mm, 6's	6 pkt
61.	<b>39 10 26</b>	Tube, gauze type, bandage for finger	10 pcs.	85.	<b>39 13 05</b>	Needle, intramuscular injection, 1 mm x 5 cm, 6's	3 pkt
62.	<b>39 10 59</b>	Spray dressing, 120 ml	4 btl.	86.	<b>39 13 06</b>	Needle, intravenous injection, 1.1 mm, 3 cm, 6's	2 pkt
63.	<b>39 10 51</b>	Petrolatum gauze, burn and wound dressing, various sizes	20 pcs.	87.	<b>39 14 55</b>	Occult blood detection tablet, 60's	1 pkt
64.	<b>39 10 56 57 58</b>	First aid emergency dressing (a) small size (b) medium size (c) large size	10 pcs. 20 pcs. 20 pcs.	88.	<b>39 14 85</b>	Pad abdominal, 20 cm x 20 cm	6 pcs.
65.	<b>39 12 10</b>	Bottle, vial, amber 50 ml, glass or plastic	50 pcs.	89.	<b>39 12 51</b>	Pad, cotton, eye, 12's	1 pkt
66.	<b>39 12 54 55 56 57 58</b>	Catheter, double eye, pointed, disposable (a) 6 French (2 mm) (b) 8 French (3 mm) (c) 12 French (4 mm) (d) 14 French (5 mm) (e) 16 French (5.5 mm)	1 pc. 1 pc. 1 pc. 1 pc. 1 pc.	90.	<b>39 12 86</b>	Pad, non-adherent 8 cm x 10 cm	100 pcs.
67.	<b>39 12 09</b>	Catheterization tray, sterile, disposable, regular type	3 pcs.	91.	<b>39 13 51</b>	Safety pin, rustless	100 pcs.
68.	<b>39 14 18</b>	Clinical record chart	50 pcs.	92.	<b>39 14 61</b>	Scrubbing brush, hand	2 pcs.
69.	<b>39 14 20</b>	Temperature/pulse chart	50 pcs.	93.	<b>39 12 26</b>	Sheath, rubber, 3's	Sufficient qty.
70.	<b>39 14 21</b>	Medical report form for seafarers	100 pcs.	94.	<b>39 13 46</b>	Sheet, waterproof, 110 cm x 180 cm	
71.	<b>39 14 19</b>	Clinical record chart	1 pad	95.	<b>39 13 64</b>	Skin closure, adhesive surgical, 6 mm, 25's	2 pkt
72.	<b>39 14 51</b>	Collar, cervical, with strap.	1 pc.	96.	<b>39 13 66</b>	Skin closure, adhesive sutureless, 10 cm x 8 cm	10 pcs.
73.	<b>39 10 38</b>	Cotton absorbent, sterile, 100 grm.	3 pkt	97.	<b>39 14 11</b>	Suture, tapered, 1/2 circle, 12's	1 pkt
74.	<b>39 10 37 41</b>	Cotton absorbent (a) 50 grm roll (b) 200 grm roll	20 pkt 10 pkt	98.	<b>39 14 12</b>	Suture, armed, 1/2 circle, 12's	2 pkt
75.	<b>39 12 62</b>	Finger, cots, rubber, assorted sizes, 12's	1 box	99.	<b>39 14 13</b>	Suture, armed 3/8 circle, 12's	1 pkt
76.	<b>39 14 53</b>	Flashlight, with replacement batteries	1 pc.	100.	<b>39 14 14</b>	Suture, armed, polyester, 3/8 circle, 12's	1 pkt
77.	<b>39 10 24</b>	Gauze bandage, tubular, 2 cm x 5 m, rolled.	5 pcs.	101.	<b>39 14 15</b>	Suture removal kit	1 kit
78.	<b>39 12 81</b>	Gloves, surgical, disposable, large, 12's	1 box	102.	<b>39 12 97 98 99</b>	Syringe, glass (a) 2 ml (b) 5 ml (c) 20 ml	4 pcs. 4 pcs. 2 pcs.
79.	<b>39 12 78</b>	Gowns, surgical	5 pcs.	103.	<b>39 13 10 13 11</b>	Syringe, plastic, disposable (a) 2 ml w/hypodermic needle, 1/2 mm, 16 mm (b) 2 ml w/intramuscular needle, 1 mm, 5 cm (c) 5 ml w/intramuscular needle, 1 mm, 5 cm	50 pcs. 50 pcs. 30 pcs.
				104.	<b>39 14 38</b>	Test strip and colour chart 100's	1 btl.
				105.	<b>39 14 46</b>	Test tablets, kit, glucose in urine, 36's	3 pkt
				106.	<b>39 14 91</b>	Tissues, facial	6 box
				107.	<b>39 14 22</b>	Thermometer, clinical, fever	6 pcs.
				108.	<b>39 14 29</b>	Tourniquet, non-pneumatic, blood taking type	1 pc.

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WHO Number	CODE	Description	Quantity required
109.	<b>39 14 26</b>	Tongue depressor, wooden	100 pcs.
110.	<b>39 14 92</b>	Towels, paper, sterile, disposable, 12's	2 pkt
111.	<b>39 14 93</b>	Towels, surgical, cotton, 12's	1 pkt
112.	<b>39 14 94</b>	Wrapping material	1 pkt

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## Medical Stores required for United Kingdom Merchant Ships and Fishing Vessels

The Merchant Shipping and Fishing Vessels (Medical Stores) Regulations 1995 SI No.1802 (as amended 1996 SI No.2821)

### Medical Stores Categories

The categories of vessels and the consequent requirements for medical stores and equipment are set out in the directive and the implementing legislation. The vessel categories are:

Category A : Sea going or sea-fishing vessels with no limitation on length of trips.

Category B : Sea going or sea-fishing vessels making trips of less than 150 nautical miles from the nearest port with adequate medical equipment. This category is extended to seagoing or sea-fishing vessels which make trips of less than 175 nautical miles from the nearest port with adequate medical equipment and which

remain continuously within range of helicopter rescue services.

The requirements and recommended stores are set out in the following schedules.

Schedule 1 : Requirements for Categories A and B vessels. Notes on schedule 1 : Requirements for categories A and B. in the attached schedule the columns are as follows :

\* Column 1 is the reference number in the EC Directive 92/29. This is included for identification of treatments when seeking or receiving radio medical advice from any European Community Member State.

\* Column 2 is the treatment which must be available to comply with the Regulations.

\* Column 3 is the medicine and dosage strength which MSA considers best complies with the statutorily required treatment. Owners and operators may substitute exact equivalents on the advice of a qualified medical practitioner or pharmacist, provided they are satisfied that an equivalent level of treatment is assured.

\* Column 4 is the quantity of medicine/equipment considered sufficient to provide treatment for a crew of 10 persons or 10 persons in a lifeboat or liferaft.

\* Drug supplies should be replenished wherever possible at the same strengths as specified in the British Pharmacopoeia. If drugs are obtained elsewhere, e.g. in the U.S.A., they may be of different strength, and this must be taken into account when administering them.

\* The medicines have been chosen to ensure that they can be purchased at minimum cost. However if, for operational reasons, an alternative packaging is preferred this is acceptable. e.g. the use of the word "ampoule" should not exclude the use of a pre-filled syringe where available and preferred.

## MEDICAL SUPPLIES

For any items marked \* the specified quantity is considered sufficient regardless of crew size.

1	2	CODE	3	4	
Ref. No.	Statutory Treatment Requirements		Recommended Medicine and Dosage Strength representing best practice	Recommended quantity for 10 workers	
				Cat A	Cat B
1	Cardio vascular				
(a)	Cardio vascular analectics-Sympathomimetics	<b>39 08 01</b>	Adrenaline injection BP 0.5 ml - adrenaline acid tartrate injection 1.0 mg in 1 ml (1 in 1,000)	5*	1*
(b)	Anti-angina preparations	<b>39 08 02</b>	Glyceryl Trinitrate Spray 400 micrograms/metered 200 dose aerosol or transdermal patches 5 mg x 2	1 unit	1 unit
(c)	Diuretics	<b>39 08 03 04</b>	Frusemide i) 40 mg tablets ii) 10 mg in 1 ml inj. 2 ml ampoule	20* 2	5* -
(d)	Anti-haemorrhagics (including uterotonic if there are women with potential for child bearing working on board)	<b>39 08 05 06</b>	i) Phytomenadione (Vitamin K1) ii) Ergometrine Maleate 500 mg inj. Oxytocin 5 units in 1 ml ampoule	1* 2*	1* 1*

(to be continued)

1	2	CODE	3	4	
Ref. No.	Statutory Treatment Requirements		Recommended Medicine and Dosage Strength representing best practice	Recommended quantity for 10 workers	
(e)	Anti-hypertensive	39 08 07	Atenolol 50 mg tablets x 28	1 pack	-
<b>2 Castro intestinal system</b>					
(a)	Medicines for gastric and duodenal disorders - Histamine H <sub>2</sub> receptor anti ulcer antagonists - Anti-acid mucous dressings	39 08 08 39 08 09	Cimetidine 400 mg tablets 60 tablet pack Proprietary Antacid of choice	1 pack As Req'd	- As Req'd
(b)	Anti-emetics	39 08 10 11	i) Prochlorperazine maleate 3 mg buccal tablets ii) Promethazine hydrochloride 25 mg per ml (1 ml ampoules)	30* 10*	30* -
(c)	Lubricant laxatives	39 08 12	Glycerol Suppository 4 mg mould	12	-
(d)	Anti-diarrhoeals	39 08 13	Codeine Phosphate 30 mg tablets	30	30
(e)	Intestinal antiseptics	39 08 14	Trimethoprim 200 mg tablets	20	20
(f)	Haemorrhoid preparations	39 08 15	Proprietary preparation of choice	As Req'd	As Req'd
<b>3 Analgesics and Antispasmodics</b>					
(a)	Analgesics, anti-pyretics and anti-inflammatory agents	39 08 16 17	i) Paracetamol 500 mg tabs ii) Diclofenac sodium 100 mg suppository	100 10	50 -
(b)	Powerful analgesics see(2d)	Codeine Morphine 39 08 18 19	i) Codeine Phosphate ii) Morphine Sulphate 10 mg in 1 ml injection	Use 2d 10	Use 2d -
(c)	Anti-Spasmolytics	39 08 20	Hyoscine hydrobromide 0.3 mg tabs.	60	60
<b>4 Nervous system</b>					
(a)	Anxiolitics	39 08 21 22	i) Diazepam Injection 5 mg per ml, 2 ml ampoules ii) Diazepam 10 mg tablets	5* 20*	- -
(b)	Neuroleptics	39 08 23 24	i) Chlorpromazine hydrochloride 25 mg injection ii) Chlorpromazine hydrochloride 25 mg tabs	5* 40*	- 10*
(c)	Seasickness remedies	39 08 25	Hyoscine hydrobromide	Use 3 (c)	Use 3 (c)
(d)	Anti-epileptics	39 08 26	Diazepam rectal dispenser 10 mg in 2.5 ml	4	4
<b>5 Anti-allergics and anti-anaphylactics</b>					
(a)	H1 Anti-histamines	39 08 27	Astemizole 10 mg tabs	30*	30*
(b)	Injectable glucocorticoids	39 08 28 29	i) Hydrocortisone injection powder for reconstitution 100 mgm vial with 2 ml water for injection ii) Prednisolone 5 mg tabs	3 10	1 5
<b>6 Respiratory System</b>					
(a)	Bronchospasm preparations	39 08 30 31	i) Salbutamol inhaler 100 micrograms per metered dose. 200 dose inhaler with volumatic ii) Beclomethasone 50 micrograms per metered dose. 200 dose inhaler	1 1	1 1
(b)	Anti-tussives	39 08 32	Codeine phosphate tab. (cough suppressant)	Use 2d	Use 2d
(c)	Medicines used for colds and sinusitis	39 08 33	Paracetamol	Use 3a	Use 3a
<b>7 Anti-infection</b>					
(a)	Antibiotics(of at least two families)  (◆to be carried in category A vessels which may be more than 48 hours from medical assistance)	39 08 34 35 36 37 38	i) Benzylpenicillin-benzylpenicillin sodium 600 mg injection (powder for reconstitution in a rubber capped and metal topped vial)and water for injection 2 ml ii) Ciprofloxacin as hydrochloride 500 mgm tablet iii) Cefuroxime injection 750 mgm vial and water for injection iv) Erythromycin 250 mg tablets v) Doxycycline 100 mg capsules	10 10 20 40 10	1 10 - 20 -
(b)	Anti-bacterial sulphamide	39 08 39	Trimethoprim 200 mg tablets	20	-
(c)	Urinary antiseptics	39 08 40	Trimethoprim	Use 7b	Use 7b
(d)	Anti-parasitics	39 08 41	Mebendazole 100 mg tabs. 6 tablet pack	1*	1*
(e)	Intestinal anti-infectives	39 08 42 43	Metronidazole suppositories 1 gm Metronidazole tabs.400 mg tabs	10 14	- 14

(to be continued)

1	2	CODE	3	4	
Ref. No.	Statutory Treatment Requirements		Recommended Medicine and Dosage Strength representing best practice	Recommended quantity for 10 workers	
				Cat A	Cat B
(f)	Anti-tetanus vaccines and immunoglobulins	39 08 44 45	Tetanus Vaccine 0.5 ml ampoule Tetanus Immunoglobulin ampoule for injection	5* 1*	1* 1*
8	Compounds promoting rehydration, caloric intake and plasma expansion	39 08 46	Sodium chloride & dextrose rehydration salts 8 g sachets of Oral Rehydration Salts, Formula A. BP Oral powder in sachet to provide Na=35 mmol, K=20 mmol, Cl=37 mmol, HCO <sup>3</sup> 18 mmol and glucose 200 mmol when reconstituted in a litre of water	12	12
9	Medicines for External Use				
(a)	Skin medicines				
	- Antiseptic solutions	39 08 47	100 ml solution or preimpregnated wipes containing 0.015% w/v chlorhexidine and 0.15% w/v cetrimide	1* bottle or 1 pack wipes	1* bottle or 1 pack wipes
	- Antibiotic ointments	39 08 48	Cicatrin cream 15 mg tube	1	1
	- Anti-inflammatory and analgesic ointments	39 08 49	i) Hydrocortisone 1% cream 15 g tube	2	-
		39 08 50	ii) Benzoic Acid Ointment BP 50 mg (benzoic acid 6%, salicylic acid 3% in emulsifying ointment 15 g)	3	1
	- Anti-mycotic skin creams	39 08 51	Miconazole nitrate 2% topical cream 30 g	2	1
	- Burn preparations	39 08 52	Silver Sulphadiazine 1% cream 50 g tube	2	1
		39 08 53	Miscellaneous skin preparations i) Permethrin 1% in a basis containing isopropylalcohol 20% Cream Rinse	2*	-
		39 08 54	ii) Zinc ointment, BP (containing zinc oxide 15%) 25 g	1*	-
		39 08 55	iii) Potassium permanganate crystals 10 g container	1*	-
(b)	Eye medicines				
		39 08 56	Antibiotic ointment Framycetin sulphate 0.5% ointment 5 g tube	4	1
	- Antibiotic and anti-inflammatory drops	57	Betamethasone sodium phosphate 0.1% neomycin sulphate 0.5% eyedrops 5 ml	2	1*
	- Anaesthetic drops	58	Amethocaine hydrochloride 0.5% 5 ml	5*	5*
	- Hypotonic myotic drops	39 08 59	Pilocarpine hydrochloride eyedrops 0.5% 10 ml	1*	1*
		60	Detection of foreign bodies Fluorescein Sodium 1% eye-drops	1*	-
(c)	Ear medicines				
	- Antibiotic solutions	39 08 61	Antibiotic eardrops containing in each ml; neomycin 3,400 units, polymixin B sulphate 10,000 units, hydrocortisone 10 mg 5 ml dropper bottle	1*	1*
	- Anaesthetic and anti-inflammatory solutions	39 08 62	Ephedrine nasal drops BP 0.5% ephedrine hydrochloride 10 ml	1*	1*
(d)	Medicines for oral and throat infections				
	- Antibiotic or antiseptic mouthwashes	39 08 63	Chlorhexidine gluconate 0.2% mouthwash 300 ml	1	1
(e)	Local Anaesthetics				
	- Local anaesthetics using freezing	39 08 64	Ethyl chloride liquid spray 50 mg	1*	1*
	- Local anaesthetics given by subcutaneous injections	39 08 65	Lignocaine hydrochloride 1% 25 mg in 5 ml for injection	5	5
	- Dental anaesthetics and antiseptic mixtures	39 08 66	i) Lignocaine Gel 20 g (lignocaine hydrochloride 2% in a water miscible (base) gel ii) Oil of Cloves 10 ml	1	-
		67		1*	1*

**MEDICAL EQUIPMENT**

Required Equipment	CODE	Recommended Specification	A	B
<b>1. Resuscitation Equipment</b>				
Manual resuscitation appliance				
Appliance for the administration of oxygen	<b>39 20 01</b>	Oxygen Giving Set comprising the following: 1) Oxygen reservoir 2) 1 flow meter unit giving a minimum setting of 4 litres per minute 3) 1 pressure regulating unit 4) 1 set of tubing 5) 5 x 24% oxygen disposable face masks 6) 5 x 35% oxygen disposable face masks each part constructed so that it can only be assembled in the correct manner	1	1
Mechanical aspirator to clear upper respiratory	<b>39 20 02</b>	Aspirator to clear airways (manual, hand operated) + two catheters	1	1
Equipment for mouth to mouth resuscitation	<b>39 20 03</b> <b>04</b>	Laerdal Pocket Mask Guedal Airway Sizes 3 and 4	1 1	1 1
<b>2 Dressing and suturing equipment</b>				
Disposable suture stapler or suture kit with needles	<b>39 20 05</b> <b>06</b> <b>07</b>	Suture and needle pack Sterile non absorbable, sutures BP, of monofilament nylon or silk, swaged to a 26 mm, and 40 mm half circle needle with a cutting edge. Each needle and suture to be in a sealed pack (1) 26 mm half circle needle (2) 40 mm half circle needle (3) sterile absorbable sutures BP of catgut swaged to a 40 mm half circle cutting needle	3 3 26	- - -
Adhesive elastic bandage	<b>39 20 08</b> <b>09</b>	Adhesive Elastic Bandege 7.5 cm x 4 m Crepe bandege 7.5 cm x 4.5 m when stretched	4 4	1 1
Tubular gauze bandage, seamless, of a size suitable for finger dressings	<b>39 20 10</b>	20 m length with applicator	1	1
Sterile gauze compresses	<b>39 20 11</b>	Packet containing 5 sterile gauze pads BP size 7.5 cm x 7.5 cms	10	5
Cotton wool	<b>39 20 12</b> <b>13</b>	Absorbent cotton and viscose wadding db, in a roll, in damp proof packaging (1) 15 gm, sterile (2) 100 gm, non-sterile	6 3	3 1
Sterile sheet for burns victims	<b>39 20 14</b>		1	1
Triangular sling	<b>39 20 15</b>	Calico, with two sides @90 cm and base @127 cm	4	4
Disposable polyethylene gloves	<b>39 20 16</b>	Large size	25	25
Adhesive dressings	<b>39 20 17</b>	Assorted, sterile	40	40
Sterile compression bandages	<b>39 20 18</b> <b>19</b> <b>20</b>	(1) No.13 Standard dressings (2) No.14 Standard dressings (3) No.15 Standard dressings	5 5 4	3 3 2
Adhesive sutures or zinc oxide bandages	<b>39 20 21</b>	75 mm adhesive suture strips	6	6
Non-absorbable sutures with needles		Use Equipment items 2(1) and 2(2)	Use 2(1) & 2(2)	Use 2(1) & 2(2)
Vaseline gauze	<b>39 20 22</b>	Paraffin gauze dressings, size 10 cm x 10 cm	40	40
<b>3 Instruments</b>				
Disposable scalpels	<b>39 20 23</b>		2	-
Stainless-steel instrument box	<b>39 20 24</b>		1	1
Scissors	<b>39 20 25</b> <b>39 20 26</b>	- about 18 cm one blade sharp pointed and the other round-ended - 12.5 cm, both blades sharp pointed	1 1	1 1
Dissecting forceps	<b>39 20 27</b>		1	1
Haemostatic Clamps	<b>39 20 28</b>		1	1
Needle Forceps	<b>39 20 29</b>		1	-
Disposable razors	<b>39 20 30</b>		5	-
<b>4 Examination and monitoring equipment</b>				
Reactive strips for urine analysis	<b>39 20 31</b>		50	-
Temperature charts	<b>39 20 32</b>		1 pad	-
Disposable tongue depressors	<b>39 20 33</b>		10	10

(to be continued)

Required Equipment	CODE	Recommended Specification	A	B
Medical evaluation reports	39 20 34	(SCMG/3)	1 pad	1 pad
Stethoscope	39 20 35		1	1
Aneroid sphygmomanometer	39 20 36		1	1
Standard medical thermometer	39 20 37		3	1
Hypothermic thermometer	39 20 38		1	1
Additional equipment	39 20 39 40	Sputum cup with cover (disposable) Specimen jars (strong glass or plastic with airtight lid 50 ml with black labels)	2 2	- -

**5 Equipment for injection, perfusion, puncture and catheterization**

Bladder drainage instruments	39 20 41	Bladder drainage set (including bag, spigots and tube)	1	-
Rectal drip set	39 20 42		1	-
Disposable filter infuser	39 20 43	Integral in UK equipment. Foreign produced items may require a separate filter	if Reqd	if Reqd
Urine drainage bag		Use bladder drainage set	Use 5 (1)	Use 5 (1)
Disposable syringes and needle	39 20 44	2 ml, 5 ml, 10 ml, quantities of each size	6	3
Catheter	39 20 45 46 47	1) Foley type 16, Charriere guage, 5 ml balloon (Short/medium term use in adults) 2) Nelaton size 16 Charrile guage (with no balloon) 3) Penile sheath set	1 1 1	- - -

**6 General Medical Equipment**

Bedpan	39 20 48	(stainless steel or sterilisable plastic)	1	-
Hot water bottle	39 20 49	with fabric cover	1	-
Urine container	39 20 50		1	-
Icebag	39 20 51		1	-

**7 Immobilization and setting equipment**

Malleable finger splint	39 20 52		1	1
Malleable forearm and hand splint	39 20 53		1	1
Inflatable splints	39 20 54	Set of four (half-leg, full leg, half arm, and full arm)	1	1
Thigh splint	39 20 55		1	1
Collar for neck immobilisation	39 20 56	(Adult size set of 3, small, medium and large)	1	1
Thomas splint	39 20 57		1	-

**8 Disinfection, Disinsectization and Prophylaxis**

Water-disinfection compound	39 20 58	In liquid form - litres	5	-
Liquid insecticide	39 20 59	In liquid form - litres	5	-

**REQUIRED ADDITIONAL EQUIPMENT**

Required Equipment	CODE	A	B
First Aid Kits - Vessels with a crew of more than 10 should carry first aid kits to be distributed in appropriate locations on the ship e.g. in the galley and engine room. (For passenger vessels see Schedule 3) The kit should include the following items to be kept in a portable waterproof container. (1) 4 x triangular bandages (90 cms x 127 cms base) (2) 6 x standard dressings no.8 or 13 BPC (3) 2 x standard dressings no.9 or 14 BPC (4) 2 x extra large unmedicated dressings, 28 cms x 17.5 cms (5) 6 medium safety pins, rustless (6) 20 assorted elastic adhesive dressings medicated BPC (7) 2 x sterile eye pads with attachment (8) 2 x packages containing 15 grammes sterile cotton wool (9) 5 pairs large size disposable polythene gloves	39 20 60	3 max	3 max

(to be continued)

Recommended additional equipment	Reference	Code	Inquiries	Development
Face masks disposable		39 20 61	6	6
Plastic measuring jug 1/2 litre size		39 20 62	1	1
Disposable paper towels		39 20 63	100	100
Latex gloves surgical quality - sterile (large)		39 20 64	5 prs	5 prs
Waterproof plastic sheeting, size 1 m x 2 m		39 20 65	2	2
"Sharps" disposal box		39 20 66	1	1
Lotion bowl (Size at least 200 mm x 90 mm, stainless steel or sterilisable plastic, to be marked "medical"		39 20 67	1	-
Kidney dish (Size 250 mm stainless steel or sterilisable plastic)		39 20 68	1	-
Safety pins, rustless medium		39 20 69	6	6
Magnifying glass 7.5 cm diameter on handle		39 20 70	1	1
Nail brush		39 20 71	1	1
Stretcher equipment (A system for trauma management, i.e. immobilisation and stretcher equipment most suited for treatment on the vessel concerned).		39 20 72	1	-
Baby bag - Large size		39 20 73	1	1
Vessels in malarial areas only Microscope slides in individual transit containers		39 20 74	5	5
1) Excavator double ended Guys' pattern G2 2) Filling paste inserter (for inserting filling paste into the tooth) 3) Dental mirror size 4 on handle 4) Cavit (temporary dental filling) tube		39 20 75	1 set all items	-
Kit for protection against blood transmitted diseases (to be carried in all vessels trading in known malarial areas and in areas where medical facilities are limited and emergency shore based treatment is necessary). To be kept in a heavy gauge polythene bag, and labelled "to be used only for the treatment of ..." (insert the name of the seafarer going ashore for emergency treatment) Each kit to contain the following: (1) 10 x 2 ml syringes (2) 10 x 10 ml syringes (3) 20 x 21 swg 0.8 mm needles (4) 1 blood giving set (5) 1 blood taking set (6) pack of pre-injection site swabs (7) Disposable plastic gloves 2 prs. (large size)		39 20 76	1	-

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### **Mapping of the medicines in the third edition of the Guide to the quantities in the second edition, the Australian and UK guidelines for ships**

Quantification Addendum on International Medical Guide for Ships 3rd edition has been published to update the list of recommended medicines in 3rd edition, and also mapping the current medicines list to the quantities in the previous second edition and also to the Australian and UK guidelines for ships. The listing will be standardized to quantities per number of crew, and the definition of categories for each guideline is listed below.

Guideline	08-05-68	Definition	
	Category A	Category B	
2nd edition of the Guide	Ocean-going merchant vessels without a doctor on board.	Merchant vessels engaged in coastal trade or going to nearby ports, and not more than 24 hours away from a port of call.	
UK Guidelines	Seagoing or sea-fishing vessels with no limitation on length of trips.	Seagoing or sea-fishing vessels making trips of less than 150 nautical miles from the nearest port with adequate medical equipment. This category is extended to seagoing or sea-fishing vessels which make trips of less than 175 nautical miles from the nearest port that has adequate medical equipment and which remain continuously within range of helicopter rescue services.	
Australian Guidelines	Seagoing vessel on unlimited voyages, and assumes that supplies can be re-stocked if necessary from wayports.	Seagoing vessel on short voyages, generally not extending more than 150 miles from the nearest port. Can be extended up to 200 miles if continuously within range of a helicopter rescue service.	

CODE	Recommended Item, Dosage form, Strength	Indication	Quantity Guideline			Notes on the guidelines	
			Guide	Category			
				A	B		
39 17 01	Acetylsalicylic acid, 300 mg tablet	Pain, fever, blood clots	2nd edition	600	300	No other anti-inflammatories	
			UK	-	-	Other NSAIDs* recommended	
			Australia	-	-		
39 17 02	Aciclovir 400 mg tablet	Herpes simplex/zoster	2nd edition	-	-	No equivalent recommended	
			UK	-	-	No alternative recommended	
			Australia	-	-		
39 17 03	Adrenaline 1 mg/ml ampoule	Anaphylaxis	2nd edition	20	10	Epinephrine	
			UK	10+	5+	And/or Epipen® also carried	
			Australia	5+	5+		
39 17 05	Amoxicillin/clavulanic acid, 875 mg/125 mg tablet	Infections	2nd edition	-	-	Ampicillin only oral beta-lactam	
			UK	-	-	Alternative oral antibiotics recommended	
			Australia	-	-		
39 17 06	Artemether, 80 mg/ml ampoule	Malaria treatment	2nd edition	20*	-	Quinine 600 mg injection	
			UK	-	-	No parenteral recommended	
			Australia	-	-		
39 17 07	Artemether + lumefantrine, 20 mg/120 mg tablet	Malaria treatment	2nd edition	200*	100*	Quinine tablets (A); chloroquine (B/C)	
			UK	-	-	Alternative oral treatments recommended	
			Australia	-	-		
39 17 08	Atropine, 1.2 mg/ml ampoule	MI/organophosphate poisoning	2nd edition	60	10	0.5 mg/ml	
			UK	-	-	Only recommended for 'doctors bag'	
			Australia	15	15	Only for ships carrying dangerous goods	
39 17 09	Azithromycin, 500 mg tablet	Infections	2nd edition	300*	100*	Erythromycin only macrolide	
			UK	28*	28*	Erythromycin 250 mg tablets	
			Australia	100*	50*		
39 17 10	Ceftriaxone, 1 g ampoule	Infections	2nd edition	-	-	Benzyl penicillin only	
			UK	20*	-	Cefuroxime 750 mg ampoule; cat. B carry benzyl penicillin	
			Australia	20	-	Cat. B carry benzyl penicillin	
39 17 11	Cetirizine, 10 mg tablet	Hayfever/hives/dermatitis	2nd edition	60*	20*	Chlorphenamine 4 mg tablets	
			UK	30+	30+		
			Australia	30*+	30*+	Loratadine 10 mg tablets	
39 17 12	Charcoal, activated, powder	Poisoning	2nd edition	120 g	120 g		
			UK	-	-	No alternative recommended	
			Australia	200*	200*	300 mg tablets; only for ships carrying dangerous goods	
39 17 13	Ciprofloxacin, 250 mg tablet	Infections	2nd edition	-	-	No equivalent recommended	
			UK	20	10		
			Australia	28	14		
39 17 14	Cloves, oil of, liquid	Toothache	2nd edition	40 ml	20 ml		
			UK	10 ml+	10 ml+		
			Australia	15 ml	15 ml+		
39 17 15	Dexamethasone, 4 mg/ml ampoule	Severe asthma/anaphylaxis	2nd edition	5*	-	Hydrocortisone 100 mg amp	
			UK	3*	1*		
			Australia	5*	-		
39 04 62	Diazepam, 5 mg tablet	Alcohol withdrawal	2nd edition	200	100		
			UK	28+	-	Also recommends 5 x diazepam amp	
			Australia	40+	20+	Also recommends 2 x diazepam amp	
39 17 17	Docusate with senna, 50 mg/8 mg tablet	Constipation	2nd edition	-	-	No equivalent recommended	
			UK	12*	-	Glycerine suppositories	
			Australia	12*	-		

(to be continued)

CODE	Recommended Item, Dosage form, Strength	Indication	Quantity Guideline			Notes on the guidelines	
			Guide	Category			
				A	B		
39 06 31	Doxycycline, 100 mg tablet	Infections	2nd edition	200	-		
			UK	8	-		
			Australia	21	7		
39 17 19	Ethanol, hand cleanser, 70% gel	Hand cleaning	2nd edition	-	-	Ethanol liquid only	
			UK	-	-	No equivalent recommended	
			Australia	-	-		
39 17 20	Ethanol, 70% liquid	Disinfect instruments	2nd edition	3,000 ml	1,000 ml	For hand sanitization also	
			UK	100 ml*	100 ml*	Cetrimide + chlorhexidine solution or 100 impregnated swabs	
			Australia	2,400 ml*+	1,200 ml*+	Cetrimide + chlorhexidine solution plus 100 alcohol impregnated swabs	
39 17 21	Fluorescein, 1% eye strips	Detect corneal damage	2nd edition	200	-		
			UK	20	20	Individual disposable units	
			Australia	20*+	20*+		
39 17 22	Frusemide, 40 mg/4 ml ampoule	Pulmonary oedema	2nd edition	-	-	Frusemide 40 mg tablets only (A)	
			UK	2*	-	20 mg/2 ml ampoules; also frusemide tabs	
			Australia	5*	5*		
39 17 23	Glucagon, 1 mg ampoule	Hypoglycaemia	2nd edition	-	-	No equivalent recommended	
			UK	-	-		
			Australia	-	-		
39 17 24	Haloperidol, 5 mg/ml ampoule	Psychosis/severe agitation	2nd edition	20*	10*	Chlorpromazine 25 mg/ml	
			UK	5*	-	Chlorpromazine 25 mg ampoules; also tabs for Cat A and B	
			Australia	10*+	5*+	Chlorpromazine 25 mg ampoules; also tabs	
39 06 44	Hydrocortisone, 1% cream	Allergy/inflammatory skin	2nd edition	6*	2*	Ointment; also for rectal use	
			UK	2	-	30 g tubes	
			Australia	2	1		
39 17 26	Ibuprofen, 400 mg tablet	Inflammation/pain	2nd edition	-	-	Aspirin only NSAID*	
			UK	100	50	Diclofenac suppositories also for Cat A	
			Australia	48	24	200 mg or 400 mg tabs; alternative NSAIDs* also provided	
39 17 27	Isosorbide dinitrate, 5 mg tablet	Angina/MI	2nd edition	40*	20*	Glyceryl trinitrate	
			UK	1*	1*	GTN* spray or patches	
			Australia	2*	1*	GTN* sublingual spray	
39 17 28	Lignocaine, 1%, 5 ml ampoule	Suturing/minor surgery	2nd edition	12	-		
			UK	5	5	Lignocaine gel for Cat A	
			Australia	25*	5*	2 ml amps	
39 17 29	Loperamide, 2 mg tablet	Diarrhoea	2nd edition	100*	100*	Codeine 30 mg tabs; also for cough	
			UK	30	30		
			Australia	24	16	Also list codeine tabs	
39 17 30	Mebendazole, 100 mg tablet	Intestinal worms	2nd edition	-	-	No equivalent recommended	
			UK	6+	6+		
			Australia	6+	6+		
39 17 31	Metoprolol, 100 mg tablet	HTN/AF/Angina/Migraine	2nd edition	-	-	No equivalent recommended	
			UK	28*	-	Atenolol tablets	
			Australia	28*	-	Atenolol 50 mg tabs	
39 17 32	Metronidazole, 500 mg tablet	Infections	2nd edition	500*	200*	200 mg tablets	
			UK	21	21	Suppositories also for Cat A	
			Australia	42*	21*	400 mg tabs; tinidazole also recommended	

(to be continued)

CODE	Recommended Item, Dosage form, Strength	Indication	Quantity Guideline			Notes on the guidelines	
			Guide	Category			
				A	B		
39 06 52	Miconazole, 2% cream	Fungal skin infections	2nd edition	5*	2*	Vaginal cream 80 g; pessaries also	
			UK	2	1	30 g tubes; Benzoic acid ointment also	
			Australia	2	1	30 g tubes; vaginal preparations also recommended; benzoic acid ointment also	
39 17 34	Midazolam, 5 mg/ml ampoule	Epileptic fits	2nd edition	20*	-	Diazepam 10 mg/ml	
			UK	5*	5*	Diazepam 10 mg rectal preparation	
			Australia	5*	5*		
39 17 35	Misoprostol, 200 ug tablet	Post-partum haemorrhage	2nd edition	-	-	No equivalent recommended	
			UK	-	-		
			Australia	-	-		
39 03 90	Morphine, 10 mg/ml ampoule	Severe pain	2nd edition	20	10		
			UK	10	10		
			Australia	10	5		
39 17 37	Morphine, 1 mg/ml liquid	Severe pain in patients able to eat and drink	2nd edition	-	-		
			UK	28*	28*	Codeine phosphate 30 mg	
			Australia	60*	30*		
39 06 56	Naloxone, 0.4 mg/ml ampoule	Opiate overdose	2nd edition	-	-		
			UK	-	-	No equivalent recommended	
			Australia	5	5		
39 17 39	Omeprazole, 20 mg tablet	Reflux, peptic ulcers	2nd edition	-	-		
			UK	-	-	Cimetidine 400 mg	
			Australia	-	-		
39 17 40	Ondansetron, 4 mg tablet	Vomiting, sea-sickness	2nd edition	-	-	Cyclizine 50 mg	
			UK	-	-	Prochlorperazine 3 mg buccal tablets	
			Australia	-	-	Prochlorperazine 5 mg	
39 06 58	Oral Rehydration Solution, sachet powder	Dehydration due to diarrhoea	2nd edition	50*	20*	Each sachet makes 1 ltr	
			UK	16-20	16-20		
			Australia	120	40		
39 17 42	Oxymetazoline, 0.50% Nasal drop	Nasal obstruction/drain sinuses	2nd edition	-	-	Only ephedrine tablets (A)	
			UK	1*+	1*+	Ephedrine nasal drops	
			Australia	2*+	1*+	Ephedrine 0.5% nasal drops	
39 06 60	Paracetamol, 500 ml tablet	Pain and fever	2nd edition	300	150		
			UK	100	50		
			Australia	500	500		
39 17 44	Permethrin, 1% lotion	Lice	2nd edition	12*	2*	Lindane cream 60 g tubes; also for scabies	
			UK	2+	-	2 bottle, size not stated	
			Australia	200 ml+	-		
39 17 45	Permethrin, 5% lotion	Scabies	2nd edition	12*	2*	Lindane cream 60 g tubes; also for lice	
			UK	-	-		
			Australia	6*	2*	Permethrin 5% cream x 30 g tubes	
39 17 46	Povidone iodine, 10% ointment	Disinfect skin/wounds	2nd edition	-	-	Iodine solution recommended	
			UK	-	-	Silver sulfadiazine cream for burns	
			Australia	-	-		
39 17 48	Povidone iodine, 10% liquid	Disinfect skin/wounds	2nd edition	400 ml*	200 ml*	Iodine solution	
			UK	100 ml*+	100 ml*+	Cetrimide + chlorhexidine solution; also used to disinfect	
			Australia	2,400 ml*+	1,200 ml*+		
39 17 47	Prednisone, 25 mg tablet	Asthma/inflammatory conditions	2nd edition	-	-	Hydrocortisone injection only	
			UK	28*	28*	5 mg tablets	
			Australia	60*	60*		

(to be continued)

CODE	Recommended Item, Dosage form, Strength	Indication	Quantity Guideline			Notes on the guidelines	
			Guide	Category			
				A	B		
39 06 72	Salbutamol, 100 ug/dose inhalation	Asthma/bronchitis/emphysema	2nd edition	2	1		
			UK	1	1		
			Australia	2	1		
39 06 73	Sodium chloride, 0.9%, 1 litre liquid	Fluid replacement	2nd edition	6	2		
			UK	-	-		
			Australia	5*	3*	Only for ships carrying dangerous goods	
39 17 04	Tetracaine [amethocaine], 0.50% eye drop	Eye examination	2nd edition	2	1	10ml bottles	
			UK	20	20	Unit dose minims	
			Australia	20+	20+		
39 17 50	Tetracycline, 1% eye ointment	Minor eye infections	2nd edition	6	3		
			UK	4*	1*	Chloramphenicol eye ointment	
			Australia	5*	2*	Framycetin eye ointment	
39 17 51	Vitamin K, 10 mg/ml ampoule	Reverse warfarin or similar	2nd edition	-	-		
			UK	-	-	Only paediatric recommended	
			Australia	10*	-	Only paediatric recommended; adult strength only for carrying dangerous goods	
39 06 82	Water for injection, 5 ml ampoule	Reconstitute infections	2nd edition	30	20		
			UK	-	-		
			Australia	20	5	For reconstituting benzyl penicillin	
39 17 53	Zidovudine + lamivudine, 300 mg/150 mg tablet	Needle-stick injury prophylaxis	2nd edition	-	-	No equivalent recommended	
			UK	-	-		
			Australia	-	-		
39 06 83	Zinc oxide, 20% paste/ointment	Irritated skin	2nd edition	12	3	30 g tubes of zinc oxide paste	
			UK	25 g+	-		
			Australia	100 g+	100 g+		

\* 2nd edition of the guide: Quantities are based on six months' inventory for a crew of 25-40 persons for Category A, and for a crew of approximately 25 persons for Category B.

\* UK guidelines: Quantities are per 10 crew for Category A and B ships unless otherwise marked.

\* Australian guidelines: Quantities are based on 20 crew for Category A unless otherwise marked.

\* Quantities marked with a '+' are recommended irrespective of crew size.

\* Quantities marked with '\*' are those for an alternative drug/dose/indication described in the Notes section.

\* NSAID: non-steroidal anti-inflammatory drug.

\* GTN: glyceryl trinitrate.

## Medicines

The medicines and medical equipment required on board ocean going commercial and passenger vessels are available below as outlined by the World Health Organization and the Merchant Shipping Notice for United Kingdom merchant ships and fishing vessels on medical precautions. The medications and equipment are available in a complete medical chest set or individually where they may be required. In addition, some more commonly used medications have also been provided for everyday minor ailments.

Whenever using or prescribing medications always be sure to follow the respective instructions carefully.

## WHO Medical Chests

Medicines and medical equipment in accordance with WHO (World Health Organization). International Medical Requirements for ocean going vessels without a doctor aboard. The quantities of medicaments are based on an estimated 6-month inventory for a crew complement of 25-40 persons.

39 01 11	WHO Medical Chest, capacity for 25 - 40 persons	Set
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## Medical Stores required for United Kingdom Merchant Ships and Fishing Vessels

The Merchant Shipping and Fishing Vessels (Medical Stores) Regulations 1995 SI No.1802 (as amended 1996 SI No.2821) The United Kingdom implemented the requirements of Council Directive 92/29/EEC which sets out minimum standards for ships' medical stores by introducing the Merchant Shipping and Fishing Vessel (Medical Stores) Regulation 1995, as amended by the Merchant Shipping and Fishing Vessel(Medical Stores) Amendment Regulations 1996.

The requirements for medical stores set out in M1607 and M1608 have been reviewed and are replaced by this Notice.

39 01 06	Medical stores required for U.K. merchant ships and fishing vessels, Regulation 1995 SI No. 1802 Category A	Set
39 01 07	Medical stores required for U.K. merchant ships and fishing vessels, Regulation 1995 SI No. 1802 Category B	"

The following list of medical supplies and medications are those which may not be included in the World Health Organization or DTI medical lists for ocean going vessels but which are used commonly on ships for mild illnesses and injuries. A variety of the more popular over the counter medicines are listed with their uses and code numbers for easy referencing.

CODE	Descriptions	Virtue	Contents	Unit
39 01 20	Adrenaline Injection	For the rare cases of collapse following treatment with penicillin. Each ampoule contains 1 ml and 10 ampoules in a packet.	10 amp	Pkt
39 01 26	Medical Alcohol	95% ethyl alcohol bottled in a 500 ml container. Used as a local anti-infective (as 70 percent W/V solution and solvent). <u>Not for ingestion or internal use!</u>	500 ml	Btl
39 01 28	Surgical Alcohol (Dilute Alcohol)	75% ethyl alcohol for disinfection and anti-microbe. Bottled in 500 ml. <u>For external use only.</u>	500 ml	Btl
39 01 30	Rubbing Alcohol	Isopropyl alcohol for external use only. Bottled in 500 ml bottles.	500 ml	Btl
39 01 36	Aminophylline Tablets	For carditis, angina pectoris, asthma and nephritis.	100 mg, 60 tab	Pkt
39 01 38	Ampicillin Capsules	An antibiotic for tonsillitis, gonorrhoea, otitis media, bronchitis, pharyngitis and suppurative diseases. Each capsule contains 250 mg and 100 capsules in a packet.	250 mg, 100 cap	Pkt
39 01 40	Amyl Nitrite Capsules	For angina pectoris. A capsule is crushed and the vapors are inhaled to relieve oncoming angina attacks.	6-cap	Pkt
39 01 46 47 48	Analgesic Tablets "Bufferin"	For headaches, general pain relief, and colds.	20 tab 40 tab 80 tab	Pkt " "
39 01 50	Analgesic Tablets "Excedrine"	For general pain relief for headaches, toothaches, neuralgia, etc.	36 tab	Pkt
39 01 52	Analgesic Tablets "Saridon"	For analgesic and antipyretic symptoms such as headaches, toothaches, migraines, lumbago, etc.	100 tab	Pkt
39 01 56	Antacid Tablets	For heartburn, upset stomach, and acid indigestion.	120 tab	Pkt
39 01 58	Antibiotic Ointment	An antibiotic for minor cuts and scratches.	25 grm	Tub
39 01 60	Antihistamine Tablets (Anti-Allergy Tablets)	For relief of allergic symptoms such as hay fever, allergic asthma, urticaria, drug rash, and sea sickness.	40 tab	Btl
39 01 62	Anti-Scabies Ointment	For the treatment of scabies and for the symptomatic treatment of pruritic skin.	50 grm	Jar
39 01 66	Antiseptic Cream	For application to broken skin or as a barrier against bacterial infection.	50 grm	Tub
	Antibiotic Skin Ointment	See Tetracycline Ointment.		
39 01 68	Antiseptic Powder	For secondary infections from burns and superficial suppurative skin diseases.	10 grm × 5 btl	Pkt
39 01 69 70	Antiseptic Solution	Used as a general antiseptic for the cleaning of wounds, burns, etc. Also used for the disinfection or surgical instruments.	200 ml 500 ml	Btl "
39 01 74	Anti-Tetanus Injections	For the treatment or prevention of tetanus.	10 ml, 12,000 unit	Pkt
39 01 80	Arachis Oil	For soothing eczema or other skin irritations. Also used to soften wax in the ear or lubricate catheters.	500 ml	Btl
39 01 82	Aromatic Spirit of Ammonia	Stimulant to revive persons who feel faint.	100 ml	Btl
39 01 86	Aspirin Tablet	Analgesic for the relief of headaches, toothaches, muscular pains, etc.	100 tab	Btl
39 01 88	"Bayer" Aspirin Tablets	Same properties as above aspirin branded "Bayer". 30 tablets in a packet.	20 tab	Pkt
39 01 92	Athlete's Foot Liquid (Ringworm Liquid)	For athlete's foot and ringworm.	60 ml	Btl
39 01 94 97	Athlete's Foot Powder (Ringworm Powder)	Same as above for athlete's foot and ringworm.	90 grm 32 grm	Tin "
39 01 96	Athlete's Foot Ointment (Whitfield's Ointment)	For the treatment of athlete's foot and ringworm.	30 grm	Tub
39 02 01 02	Benzyl Benzoate Applications	25% Benzyl Benzoate. For use in the treatment of scabies.	80 ml 500 ml	Btl "
39 02 04	Boric Acid Powder	Used as an antiseptic eyewash or for gargling.	500 grm	Pkt
39 02 08	Burn Ointment	For burns, minor cuts and bruises.	15 grm	Tub
39 02 20 19 21	Calamine Lotion	Provides fast relief for heat rashes, insect bites, sunburn, etc.	60 ml 100 ml 260 ml	Btl " "

(to be continued)

CODE	Descriptions	Virtue	Contents	Unit
39 02 22 23	Castor Oil	Used to safely induce vomiting in the treatment of poisoning.	20 ml 500 ml	Btl "
39 02 26	Cetrimide Solution, Strong	Sudsing emollient skin cleaner for personal cleaning and skin care. Furnished in 150 ml bottle.	150 ml	Btl
39 02 30	Chloramphenicol Tablets	An antibiotic for colds, pneumonia, dysentery, tonsillitis, diarrhoea, gonorrhoea, empyema, and suppurative diseases.	250 mg, 100 tab	Pkt
39 02 34	Codeine Phosphate Tablets	An analgesic more powerful than regular aspirin for the relief of headaches or toothaches. Each tablet contains 3 mg of dihydrocodeine phosphate.	3 mg, 100 tab	Btl
39 02 38 39 40	Cold Remedy "Vicks Vaporub"	For the relief of congestion and coughs due to colds.	50 grm 70 grm 100 grm	Jar " "
39 02 42 43	Cold Capsules "Contac 600"	For common colds and acute rhinitis.	10 caps 20 caps	Pkt "
39 02 46	Cold Tablets	For common colds and headaches caused by colds.	90 tab	Btl
39 02 50	Concentrated Antiseptics	Antibacterial skin cleanser.	500 ml	Btl
39 02 52	Corticosteroid Ointment	Synthetic corticosteroid with antibiotic for skin diseases such as eczema, dermatitis, otitis externa, insect bites, etc.	10 grm	Tub
39 02 54	Cortisone Ointment	Ointment for the relief of skin conditions like dermatitis, eczema, or discomfort from insect bites.	25 grm	Tub
39 02 60	Cough Drops "Vicks"	For a sore throat or cough.	20 drop	Pkt
39 02 62	Cough Linctus	Cough suppressant and expectorant.	60 ml	Btl
39 02 63 64	Cough Mixture	An antitussive, expectorant, and antihistamine mixture. Furnished in a 1,000 ml bottle.	500 ml 1,000 ml	Btl "
39 02 65 66	Cough Tablets	For relief of a cough or the symptoms of bronchitis.	36 tab 50 tab	Btl "
39 02 79 80	Dermatologic Purulent Infection Spray	For the treatment of eczema, burns, cuts and minor wounds. Serves to prevent infection during the healing period.	35.5 grm 85 grm	Tin "
39 02 82	Diarrhoea Tablets	For the treatment and relief of diarrhoea.	40 tab	Btl
39 02 84	Digoxin Tablets	For heart failure, asthma, and use as a diuretic.	20 tab	Btl
39 02 86	Dover's Powder Tablets	Medicated powder tablets for the relief of a cough, headache, and fever related to colds.	100 tab	Pkt
39 03 02	Ear Drops	For otitis media and internal and external otitis.	15 ml	Btl
39 03 04	Eczema Ointment	For the treatment of eczema.	20 grm	Tub
39 03 06	Ephedrine Tablets	For asthma, bronchitis and cough. Contains 30 tablets in a bottle.	30 tab	Btl
39 03 08	Ergometrine Injections	For use in the treatment of bleeding due to abortion or miscarriage in women. Contains 10 ampoules in a packet.	10 amp	Pkt
39 03 12	Eye Drops, Anesthetic	Serves as ophthalmic anesthetic. 2 - 3 drops as needed. 20 ml in a bottle.	20 ml	Btl
39 03 14	Eye Drops, Antiseptic	To clean and relieve the eyes from irritation or slight infections such as conjunctivitis. Furnished in a 15 ml bottle.	12 ml	Btl
39 03 16 17 18	Eye Wash (Eye Lotion)	For irrigation of the eyes to remove particles or irritants.	130 ml 330 ml 200 ml	Btl " "
39 03 30 31 32	Heart Tablets (Nitroglycerin Tablets)	For the prevention of episodes of angina pectoris.	20 tab 40 tab 100 tab	Btl " "
39 03 34	Hemorrhoidal Ointment (Piles Ointment)	For internal and external hemorrhoids, bleeding, and anal fistula.	15 grm	Tub
39 03 36	Hemorrhoidal Suppositories	For the relief of discomfort caused by hemorrhoids.	10 pcs	Pkt
39 03 38	Hydro-Chlorothiazide Tablets (Dropsy Tablets)	For the treatment of hypertension and diuresis.	25 mg, 100 tab	Pkt
39 03 40	Hydrogen Peroxide Solution	Serves as a germicide and antiseptic for cuts and abrasions.	500 ml	Btl
39 03 50	Inhalation Mixture (Friar's Balsam) (Benzoin Compound Tincture)	For the treatment of tonsillitis, bronchitis, laryngitis, and sinus conditions.	100 ml	Btl
39 03 52	Insect Repellent, Aerosol	For the prevention of insect bites. One spraying will have a continuous effect for hours. 80 ml in an aerosol tin.	80 ml	Tin
39 03 54	Insecticide Powder	An effective delousing agent.	30 grm	Pkt

(to be continued)

CODE	Descriptions	Virtue	Contents	Unit
39 03 60	Kaolin Poultices	Antiphlogistines for sprains, etc.	200 grm	Pkt
39 03 66	Local Anaesthetic Ointment	For pains from minor cuts and burns, etc.	25 grm	Btl
39 03 67	Pain Relieving Patch	For relief of aches and pains associated with muscle fatigue, muscle pain, stiff shoulder and simple backache, etc.	6.5 x 4.2cm (20's)	Pkt
39 03 68	Local Anaesthetic Spray	An anaesthetic for external use which stops pain and swelling from contusions or minor cuts.	80 grm	Tin
39 03 70	Liquid Laxative (Milk of Magnesium Liquid)	For the relief of constipation.	12 fl-oz	Btl
39 03 72	Milk of Magnesium Tablets	Serves as an antacid and laxative to relieve gastric discomfort.	150 tab	Btl
39 03 78 79	Magnesium Sulphate (Epsom Salt)	Serves to induce vomiting in case of the ingestion of poison.	25 grm 500 grm	Pkt "
39 03 81	Malaria Tablets	For the treatment of malaria.	100 tab	Pkt
39 03 83 84	Mercurochrome Solution	Used as an antiseptic or germicidal agent.	100 ml 500 ml	Btl "
39 03 85 86	Merthiolate Tincture	To wash and disinfect the skin prior to surgery or for the first aid cleaning of a contaminated wound.	250 ml 500 ml	Btl "
39 03 88	Methyl Salicylate Liniment	For rheumatism, neuralgia, and arthritis.	500 ml	Btl
39 03 90	Morphine Injection Controlled Substance	For severe pain after an operation, or for serious wounds. Each ampoule contains 15 mg. 10 ampoules per packet.	15 mg, 10 amp	Pkt
39 03 92	Morphine Tablets Controlled Substance	For headaches, toothaches, lumbago, myalgia, neuralgia, dysmenorrhea, traumatic pain, chill, fever, articular pain, muscular pain, etc.	120 tab	Pkt
39 03 94 95 97	Mouthwash "Listerine"	For general oral hygiene and the prevention of bad breath.	12 fl-oz 500 ml 1,000 ml	Btl " "
39 03 96	Mouthwash & Gargle "Astring O-Sol"	A germicidal and antiseptic mouth wash.	4 fl-oz	Btl
39 04 02	Nasal Spray (Nose Drops)	For acute or chronic rhinitis, allergic rhinitis, and sinusitis.	15 ml	Btl
39 04 04	Nikethamide Injections	For the treatment of respiratory trouble.	1 mg, 10 amp	Pkt
39 04 06	Normal Saline Injections	For diseases requiring a nutritional supplement or a heart stimulant. Supplied in 500 ml bottles and furnished with a solution administration set.	500 ml	Btl
39 04 20	Oxy-Tetracycline Capsules	An antibiotic for pneumonia, dysentery, gonorrhoea, pyelitis, tonsillitis, otitis media, and suppurative diseases.	250 mg, 100 caps	Tub
39 04 22	Oxy-Tetracycline Injections	An antibiotic intramuscular solution for gonorrhoea, pneumonia, otitis media, and tonsillitis.	100 mg, 10 amp	Pkt
39 04 24	Oxy-tetracycline Eye Ointment	An antibiotic for superficial infections of the eye and eyelid, including conjunctivitis, uveitis, corneitis, blephanitis, and trachoma.	3.5 grm	Tub
39 04 34	Penicillin Injections	For gonorrhoea, pneumonia, and suppurative diseases. One vial contains 250 mg of oxacillin sodium with 10 vials in a packet.	250 mg, 10 vials	Pkt
39 04 36	Penicillin Ointment	An antibiotic for minor cuts, irritations, and burns.	10 grm	Tub
39 04 38	Penicillin Tablets	For the treatment of perilous wounds, illness, infections, and gonorrhoea. Each tablet contains 200,000 units, 125 mg, 100 tablets in a packet.	200,000 units, 100 tab	Pkt
39 04 42	Phenobarbitone Tablets	A sedative used for epilepsy. Contains 30 mg and 50 tablets in a bottle. Controlled Substance: Patients taking this medication should not drink alcohol.	30 mg, 50 tab	Btl
39 04 44	Potassium Permanganate Capsules	Used to cleanse the mouth and stomach eliminating germs or bacteria which may be present.	50 caps	Btl
39 04 46	Proguanil Hydrochloride Tablets	Used for the prevention of malaria. Contains 100 tablets in a bottle.	100 tab	Btl
39 04 55 56	Salt Tablets	A salt supplement for men working in high temperatures and humidity. These tablets will replenish salts lost from excessive perspiration.	500 tab 1,000 tab	Btl "
39 04 58	Salt Tablets Enteric Coated	Salt tablets with an enteric coating for the protection of the stomach.	750 tab	Btl
39 04 60	Seasickness Tablets	Used for the prevention and treatment of nausea, vomiting, or vertigo related to motion sickness.	100 tab	Btl

(to be continued)

CODE	Descriptions	Virtue	Contents	Unit
39 04 62 63	Sedative (Diazepam) Tablets	A sedative for sleeping. This tablet is required by both WHO and DTI scale I, however, they are different in chemical components as described below. When ordering, specify WHO or DTI.	WHO, 50 mg, 100 tab	Btl
			DTI, 10 mg, 100 tab	"
39 04 66	Sleeping Tablets	A mild sedative used to induce sleep.	100 tab	Btl
39 04 68	S.M.P. (Sulfamethoxypyridazine) Tablets	For chancroid, gonorrhoea, bacillary dysentery, colibacillary diseases, urinary tract infections and surgical suppurative diseases.	100 tab	Btl
39 04 70	Sodium Bicarbonate Powder	To counteract gastric acidity or flatulence. Also used with aspirin to counteract acidity. Will also soothe the burning and irritation of insect bites.	125 grm	Tin
39 04 72	Soft Paraffin (Vaseline)	Acid free Vaseline for use as a soothing dressing for minor skin irritations such as burns, scratches, abrasions, and detergent burns on the hands.	50 grm	Jar
39 04 76	Spirit Soap (Tincture of Iodine)	An excellent skin and scalp cleanser.	500 ml	Btl
39 04 80	Stomach Powder (Indigestion Powder)	For indigestion, hyperacidity, overeating, overdrinking, gastroenteric catarrh and stomachaches.	140 grm	Tin
39 04 82	Stomach Tablets (Indigestion Tablets)	For indigestion, heartburn, overeating and overdrinking.	120 tab	Btl
39 04 84 85	Stomach Pills "Seirogan"	For stomachache, mild or chronic indigestion and other stomach diseases.	250 pills 500 pills	Btl "
39 04 88	Streptomycin Injection	An antibiotic for tuberculosis.	1 grm, 10 vial	Pkt
39 04 90	Sulfa Drug Powder (Antiseptic Powder)	To facilitate the healing of cuts, scratches, abrasions and minor burns.	100 grm	Btl
39 04 92	Sulphaguanidine Tablets	For colds, dysentery, diarrhoea, etc.	100 tab	Pkt
39 04 94	Sulfonamide Tablets	For pneumonia, gonorrhoea, tonsillitis, otitis media and suppurative diseases.	100 tab	Btl
39 05 02	Tetracycline Capsules	An antibiotic for the treatment of pneumonia, gonorrhoea, otitis media, diarrhoea and suppurative diseases. One packet contains one hundred 250 mg capsules.	250 mg, 100 caps	Pkt
39 05 04 05	Tetracycline Ointment (Antibiotic Skin Ointment)	For the treatment of superficial wounds, burns, minor skin irritation and minor cuts. Furnished in 5 grm or 25 grm tubes.	5 grm 25 grm	Tub "
39 05 08	Throat Lozenges (Troches)	For sore throats and coughs due to colds.	24's	Pkt
39 05 10 11	Tincture of Iodine	Use as a disinfectant and germicide to clean minor wounds.	100 ml 500 ml	Btl "
39 05 14	Tooth Anaesthetic (Oil of Clove)	A remedy for toothaches. Contains 30 ml in one bottle.	30 ml	Btl
39 05 16	Topical Analgesic Gels "Ben-Gay"	For muscle aches and minor arthritis pain.	35.5 grm	Tub
39 05 18	Topical Analgesic Ointment "Salomethyl"	For muscular fatigue, stiff joints, contusions, sprains, neuralgia, arthritis, etc.	30 grm	Tub
39 05 20	Topical Analgesic Ointment (Tiger-Balm)	For muscular pain, stiff joints, sprains, contusions neuralgia, rheumatism, etc.	19.4 grm	Jar
39 05 22	Topical Analgesic Spray "Air Salopas"	For the relief of muscular pain, stiff joints, sprains, bruises, and rheumatism.	120 ml	Tin
39 05 26	Tranquillizer Tablets (Chlorpromazine HCL Tablets)	Provides a sedative effect to ease the symptoms of neurosis, anxiety neurosis, mental tension, and depression. Each tablet contains 50 mg of chlorpromazine hydrochloride.	50 mg, 20 tab	Btl
39 05 40	Vegetable Laxative Tablets (Senna Laxative Tablets)	For the relief of acute and chronic constipation. Furnished 100 tablets in a packet.	100 tab	Pkt
39 05 41 42	Vitamin B1 Tablets	For beriberi, neuralgia, and fatigue.	25 mg, 80 tab 25 mg, 120 tab	Btl "
39 05 44 45	Vitamin C Tablets	For the prevention and treatment of colds.	250 mg, 200 tab 500 mg, 100 tab	Btl "
39 05 48	Vitamin C Tablets "Cebion"	Tablets are taken after being dissolved in water. Effective for the prevention and treatment of colds. Each tablet contains 1,000 mg of ascorbic acid.	1 grm, 10 tab	Btl
39 05 50	Multi Vitamin Tablets	For fatigue, anorexia, anemia, and as a nutritional supplement.	120 tab	Btl
39 05 60 61	Water for Injections	Furnished on 5 ml ampoules.	5 ml x 10 amp 5 ml x 50 amp	Pkt "
39 05 70 71	Zinc Dusting Powder (Talcum Powder)	For soothing irritated skin or heat rashes.	113 grm (4 oz) 255 grm (10 oz)	Tin "
39 05 74	Zinc Ointment	For the soothing and protection of eczema and psoriasis.	100 grm	Jar

## Dressings and Medical Instruments & Equipment

Vendajes e Instrumentos Y Equipo Medicos  
包帶類、医療器具 敷料和医疗器械

The following is a supplemental items of basic medical supplies and equipment. These items are provided with photographs to make them easy to recognize and compare with the current inventory in the ships medical chest.

### Bandages

Vendas 包帶 纏帶



#### Adhesive & Elastic Bandage

Venda Adhesiva y Elástica

伸縮・自着包帶 黏合劑和弹性绷带

Furnished 5 cm width and 4.5 mtr in length.

39 10 01	Bandage, adhesive & elastic 5 cm x 4.5 mtr	Rls
02	" 7.5 cm x 4.5 mtr	"

#### Crepe Bandages

Vendas de Crepe 彈力包帶 紡布绷带



Available in 5, 7.5 and 10 cm width with 9 mtrs of bandage per roll.

39 10 06	Bandage, crepe 5 cm x 9 mtr	Rls
07	" 7.5 cm x 9 mtr	"
08	" 10 cm x 9 mtr	"

#### Elastic Bandages

Vendas Elásticas 伸縮包帶 弹性绷带

Available in 5 to 10 cm width with a length of 4.5 mtrs.

39 10 11	Bandage, elastic 5 cm width x 4.5 mtr	Rls
12	" 7.5 cm width x 4.5 mtr	"
13	" 10 cm width x 4.5 mtr	"

#### Gauze Bandages

Vendas de Gasa 伸縮包帶 纱布绷带



Available in 2.5 to 10 cm width with a length of 9 mtrs. Contains 12 rolls in a packet.

39 10 16	Bandage, gauze 2.5 cm x 9 mtr	Pkt
17	" 5 cm x 9 mtr	"
18	" 7.5 cm x 9 mtr	"
19	" 10 cm x 9 mtr	"

#### Triangular Bandages

Vendas Triangulares 三角布 三角绷带



One 90 x 105 cm sized bandage furnished per packet.

39 10 22	Bandage, triangular, 90 x 105 cm	Pkt
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### Tube Gauze Bandages

Vendas de Gasa en Tubo

チューブタイプ包帯 管状纱布绷带



Suitable for wounds on the finger.  
Furnished in 2.5 cm x 18 mtr rolls.  
Dressings also available for arm,  
hand, foot, shoulder, and head fittings.

39 10 26	Bandage, tube gauge, for finger 25 cm x 18 mtr	Pkt
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### Johnson & Johnson "Band-Aid"

Johnson y Johnson "Tiritas"

ジョンソン "バンドエイド" 强生邦迪



Contains 50 pieces of four assorted sizes per tin. Also available in a tin of 150 bandages of one size. Specify when ordering.

39 10 31	Band-aid 50 pcs, 4 assorted size	Tin
32	Band-aid 150 pcs, 2 x 7.5 cm	Box

### Absorbent Cotton

Algodón Absorbente

脱脂綿 脱脂綿



For a variety of uses applying disinfectants or cleaning wounds.

39 10 36	Absorbent cotton, 25 grm	Pkt
37	" 50 grm	"
38	" 100 grm	"
39	" 500 grm	"
39 10 40	Absorbent cotton, compressed 20 grm	Pkt

### Cotton Tips (Applicators)

Bastoncillos 綿棒 棉棒



Sterilized long double-tip swabs. Contains 75 tips per box.

39 10 44	Cotton tip, (applicator), 75 pcs.	Pkt
45	" 100 pcs.	"

### Dressings

Vendas 包帶 纏帶类

#### Adhesive Strip Dressings

Apósitos de Tiras Adhesivas

粘着性包帶 粘性条状敷料



An absorbent strip with adhesive plaster. Furnished with two 6.3 cm x 50 cm sized strips in packet.

39 10 48	Dressing, adhesive strip 6.3 x 50 cm 2's	Pkt
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**Burn & Wound Dressing, Individual**

Apósito para Quemaduras y Heridas, Individual

熱傷・創傷用包帯 烧伤和伤口敷料, 单件

Sterile tulle dressing lined with Fradomycin Sulfate.

39 10 51	Dressing, burn & wound, individual, 10 x 10 cm, 10's	Pkt
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**Burn & Wound Dressing**

Apósitos para Quemaduras y Heridas

火傷・創傷用包帯 烧伤和伤口敷料

Sterile, plain gauze evenly lined with yellow paraffin (vaseline). Furnished in a size 15 cm wide and 5 mtr in length. Furnished in a plastic container.

39 10 52	Dressing, burn & wound, 15 cm x 5 mtr	Pkt
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**Standard Dressings****(First Aid/Emergency Dressings)**

Apósitos Estándar

(Apósitos de Primeros Auxilios/Emergencia)

救急 / 緊急用包帯

标准敷料 (急救 / 紧急敷料)

Contains a gauze pad with a bandage.  
Able to furnish sizes No. 13 to 15.

Unit Per Pkt

CODE	No.	Description
39 10 56	13	Gauze pad 7.5 x 10 cm & bandage 5 cm x 2.3 mtr
57	14	Gauze pad 10 x 15 cm & bandage 6 cm x 2.7 mtr
58	15	Gauze pad 15 x 20 cm & bandage 7.5 cm x 3.5 mtr

**Gauze Pads**

Cojincillos de Gasa ガーゼパット 纱布垫



Unit Per Pkt

CODE	Size	CODE	Size
39 10 61	5 x 5 cm	39 10 63	10 x 10 cm
62	7.5 x 7.5 cm		

**Plain Gauze**

Gasa Sencilla ガーゼ 普通纱布

Absorbent gauze rolls for wrapping open or seething wounds.

39 10 66	Gauze, plain 30 cm x 1 mtr	Pkt
67	" 5 mtr	"
68	" 10 mtr	"

**Alcohol Disinfectant Sprays**

Aerosoles Desinfectantes con Alcohol

アルコール消毒剤 酒精消毒喷雾剂



Alcohol disinfectant contains a high percentage of alcohol and is used to eliminate bacteria, viruses, and other microorganisms on surfaces, skin, or other objects. Commonly used for medical purposes, but also used in households, offices and other places to sanitize surfaces.

39 10 69	Alcohol disinfectant spray alc. 70% 60 ml	Btl
73	Alcohol disinfectant spray alc. 70% 500 ml	Btl

**Alcohol Swabs**

Torunda con alcohol

アルコール消毒綿 酒精消毒棉

For preparation of the skin prior to injection, and for first aid to decrease germs in minor cuts, scrapes and burns.



39 10 71	Swab, alcohol, 60 x 30 mm, 100's	Pkt
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**Anti-Bacterial Wipes**

Toallitas Antibacterianas 抗菌シート 抗菌湿巾

Anti-bacterial wipes useful to wipe skin and other objects to clean surfaces. Alcohol-containing products are more effective to clean those surfaces, but non-alcohol type is also available for sensitive skin.



39 10 74	Anti-bacterial disinfectant wipes with alcohol 80's	Pkt
75	Anti-bacterial disinfectant wipes non-alcohol 80's	Pkt

**Hand Sanitizers**

Desinfectantes de Manos 手指消毒剤 洗手液

Gel type hand sanitizers usually contain alcohol and are used for killing or reducing the number of bacteria, virus, and other microorganisms on the hands. Gel type or liquid types are available.



39 10 78	Hand sanitizer gel type 25 ml Alc. 30%	Btl
79	Hand sanitizer gel type 500 ml Alc. 62%	"
80	Hand sanitizer gel type 500 ml Alc. 75%	"

**Jaconets**

Telas Impermeables 防水布 防水布

Sterile, waterproof bandage sheets. Furnished in a sheet 80 cm wide and 2 mtrs long.



39 10 72	Jaconet, 80 cm x 2 mtr	Pkt
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**Absorbent Lint**

Gasa Absorbente リント布 医用纱布

Dressing for wounds. Packed in individual sheets.



39 10 76	Absorbent lint, 15 x 30 cm	Pkt
77	" 30 x 30 cm	"

## Adhesive Plaster

### (Zinc Oxide Plaster)

Yeso adhesivo 紋創膏 粘合石膏

To protect minor cuts or relieve pain.  
Furnished in widths of 2.5, 5, and 7.5 cm. Each roll is 5 mtrs in length.



## Bedpans

Orinales 洋式便器 床用便盆

Plastic or enamel made bedpan.  
Used in bed for urination and defecation.



39 12 08 Bedpan

Pc.

## First Aid Satchels

Maletines para Primeros Auxilios

応急かばん 急救包

Furnishable in accordance  
with DTI requirements.



### Contents

1.	4 pcs	Triangular bandages
2.	6 pcs	Standard dressing, No.8
3.	2 pcs	Standard dressing, No.9
4.	2 pcs	Sterile unmedicated dressing, 28 cm x 17.5 cm
5.	6 pcs	Medium size safety pin
6.	20 pcs	Assorted dressing strips
7.	2 pcs	Sterile eye pads
8.	2 pcs	Sterile cotton wool, 15 grm
9.	5 prs	Disposable polythene gloves

### How to order

39 10 92	First aid satchel, conforms to DTI scale IA requirement	Set
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## Medical Instruments & Equipment

Instrumentos y Equipos Médicos

医療機器・設備 医疗仪器和设备

## Artificial Airways (Artificial Respirators)

Respiradores Artificiales

人工呼吸器 人工呼吸器

Facilitates mouth to mouth resuscitation  
without oral contact.



## Medical Basins

### Medical Basins

Palanganas Médicas 洗面器

医用脸盆

A white enameled basin for  
sterilizing hands, etc. with  
antiseptic solution. Has 320 mm in diam and 90 mm in depth.



## Sample Glass Bottles

Botellas de Vidrio para Muestras サンプル用ガラス瓶 样品玻璃瓶

Amber coloured, or clear glass bottles  
with sealable cap for taking liquid  
or oil sample. Sealable cap can be  
purchased separately.



### Plastic Bottles with Screw Cap

Botellas de Plástico con Tapón de Rosca

スクリューキャップ付きプラスチックボトル  
带螺旋盖的塑料瓶

Furnished with a screw on cap to hold  
liquid samples or test oils safely.  
Capacity : 500 cc.



39 12 16 Bottle, plastic, 500 cc with screw cap

Pc.

## Sample Glass Bottles

Botellas de Vidrio para Muestras

サンプル用ガラス瓶 样品玻璃瓶

Amber coloured, or clear glass bottles  
with sealable cap for taking liquid  
or oil sample. Sealable cap can be  
purchased separately.



CODE	Colour	Size (ml)	CODE	Colour	Size (ml)
Sample Bottle			Sealable Cap		
39 12 12		100	39 12 24		100
13	Amber	250	25	Amber	250
15		500	27		500
39 12 17		100	39 12 29		100
18	Clear	250	31	Clear	250
19		500	34		500
21		1,000	35		1,000

39 12 06 Medical basin, enameled

Pc.

## Condoms

### (Prophylactic Rubbers)

Condoms コンドーム 避孕套

For protection against sexually transmitted diseases and for contraception.

39 12 26 Condom (prophylactic rubber) 12's

Pc.

## Containers

Recipientes 容器 容器



For dispensing ointment.

39 12 28 Container, ointment plastic

Pc.

## Tablet Containers

Pastilleros 錠剤容器 药片容器



Plastic bottles for holding tablets.

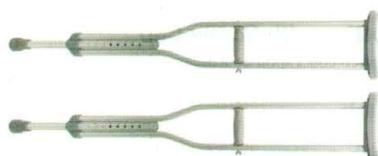
39 12 30 Container, Tablet, plastic

Pc.

## Crutches

Muleras 松葉杖 拐杖

The length of these crutches is adjustable and the bottom of the crutches are covered with rubber to prevent slipping.



39 12 32 Crutches

Pr.

## Enema Kits

Equipos para Enema

エネマ・キット 灌肠用具包

Stainless steel cylinder with a lid and hanger at the top and rubber tubing at the bottom. Used to inject liquid into the intestine.



39 12 40 Enema kit

Set

## Enema Syringes

Jeringas para Enema

エネマ・シリンジ 灌肠注射器

Made of rubber with an overall length of 75 cm.



39 12 42 Enema syringe, rubber

Set

## Dispensing Envelopes

Sobres para Medicamentos 投薬袋 分药袋



Furnished in packs of 100 sheets.

39 12 44 Envelope, dispensing, 100's

Pkt

## Eye Baths

### (Eye Cups)

Lavaoios (Vasos para Ojos)

洗眼コップ 洗眼杯



Plastic cup which withstands boiling. Has a rubber bulb on the side to splash liquids on the eye.

39 12 46 Eye bath with 2 spare bulbs

Set

## Eye Droppers

Cuentagotas 点眼器 滴管



Glass tube with rubber bulb.

39 12 48 Eye dropper

Pc.

## Eye Patches

### (Eye Shades)

Parches para los Ojos 眼帯 眼罩



For covering an infected eye to protect it from foreign particles. Furnished with cleaning pads for the eye and the skin.

39 12 50 Eye patch

Pc.

## Fingerstalls

### (Finger Sacks)

Dedales 指サック 指套



Available in rubber and leather. Can be provided in a variety of sizes. Specify the size required when ordering.

Unit Per Pk.

CODE	Material	Application
39 12 62	Rubber	Specify for which finger
63		For the thumb
64	Leather	For the fingers except the thumb

## Forceps

Fórceps ピンセット 镊子



### Dental Packing Forceps

Pinzas Dentales 歯科用ピンセット 牙科包装钳

Made of stainless steel. Overall length is 16 cm.

39 12 66 Forceps, dental packing, stainless steel

Pr.

**Hemostatic Forceps**

Pinzas Hemostáticas 止血鉗子 止血钳

For stopping blood flow of a severed vessel by clamping it.  
Made of stainless steel. Overall length is 15 cm.



39 12 67 Forceps, hemostatic, stainless steel

Pr.

**Sinus Forceps**

Pinzas Sinusales 消息子 鼻窦鉗

Made of stainless steel.  
Overall length is 18 cm.



39 12 68 Forceps, sinus, stainless steel

Pc.

**Splinter Forceps (Epilation Forceps)**

Pinzas para Astillas 刺抜きピンセット 镊子

For use in surgical operations.  
Made of stainless steel. Overall length is 13 cm.



39 12 69 Forceps, splinter, stainless steel

Pr.

**Dissecting Forceps (Surgical Forceps)**

Pinzas de Disección 外科用ピンセット 解剖鉗

For use in a surgical operation.  
Made of stainless steel in a length of 13 cm.



39 12 70 Forceps, dissecting, stainless steel 13 cm

Pr.

**Spencer Wells' Forceps**

Pinzas Spencer Wells 持針器

斯宾塞 - 韦尔斯镊子

For holding a suture needle. Made of stainless steel with an overall length of 16 cm.



39 12 71 Forceps, Spencer Wells', stainless steel

Pr.

**Gown Disposable for Isolation**

Bata Desechable para Aislamiento

医療用使い捨てガウン 一次性隔离衣



Used to protect not only patients, but also yourself from spread of infection or diseases. Typically made of lightweight and breathable materials and providing full coverage and protection from liquid splashes, blood, and other bodily fluids. It is single use and can dispose after each use to minimize the risk of cross-contamination and spread of infections.

39 12 79 Gown disposable for isolation

Pc.

**Surgical Gloves**

Guantes Quirúrgicos

手術用手袋 手术用手套



For use in a surgical operation. Made of rubber.

39 12 80 Gloves, surgical, rubber  
81 " " disposable

Pr.

"

**Gauze Masks**

Mascarrillas de Gaza

ガーゼマスク 纱布口罩



To prevent the inhalation of dirt, dust, or foreign particles, and to prevent possible infection of the patient during a surgical procedure.

39 12 82 Mask gauze

Pc.

**Air Masks**

Mascarilla de aire エアマスク 隐形口罩

Designed for sterilizing and deodorizing the room by just attaching the cloths or hanging on the neck. It contains chlorine dioxide which eliminate the disinfecting bacteria, and effective for 1m<sup>3</sup>, 99% of germs, bacteria and virus will be removed within 120 minutes. ClO<sub>2</sub> will be slowly released and never exceed 0.017ppm, lasting for 1 month. Good personal protection from colds, influenza and pollen etc. FDA Class 1 Registered Disinfectant.



Remark: Not effective in open space on deck, only for indoor use.

39 12 85 Air Masks

Pc.

**Hot Water Bottles**

Bolsa de Agua Caliente 湯たんぽ 热水瓶



Made of rubber.

39 12 90 Hot water bottle, rubber

Pc.

**Ice Bags**

Bolsas para Hielo 氷のう 冰包



Screw cap sealed ice bags made of soft rubberized fabric to conform to the shape of the area on which it is applied.

39 12 92 Ice bag, rubber

Pc.

**Disposable Hypodermic Syringes with Needle**

Jeringas Hipodérmica Desechables

使い捨て消毒済注射器 带针头的一次性皮下注射器



Disposable, sterile syringe made of a plastic resin. Furnished with an injection needle.

39 13 10 Syringe, hypodermic, disposable,  
2.5 ml w/needle

Set

11 " "

"

**Disposable Hypodermic Needles**

Agujas Hipodérmicas Desechables

使い捨て皮下注射針 一次性皮下注射针头

Sterile, disposable needle packed in a plastic cylinder.



39 13 12 Needle, hypodermic, disposable

Pc.

**Kidney Dishes**  
(Surgical Instrument Trays)

Platos para Riñon (Riñoneras Metálicas)

膚盆 腹盆 (外科器械托盤)



Made of stainless steel. Standard size of 210 mm but other sizes are available on request.

39 13 16 Kidney dish, stainless steel, 210 mm

Pc.

**Biohazard Bags**

Bolsas de Riesgo Biológico

バイオハザードバッグ 生物危害袋

Made with durable materials such as polypropylene or polyethylene, and are also labeled with biohazard symbol and word "BIOHAZARD" or "INFECTIOUS WASTE". Used for safe transportation and disposal for biohazardous items such as used needles, syringes, gloves, gowns and other contaminated materials, and also autoclave sterilizable.

39 13 17 Biohazard Bag (S), 310 x 660 mm  
18 Biohazard Bag (M), 415 x 600 mm  
19 Biohazard Bag (L), 610 x 880 mmPc.  
" " "**Medical Labels**

Etiquetas ラベル 标签

**Plain Labels**

Etiquetas Lisas 白ラベル 普通标签

Furnished 100 sheets in a packet.



39 13 21 Label, plain, 100's/pkt

Pkt

**Poison Labels**

Etiquetas de veneno 劇薬ラベル 毒药标签

Furnished 50 sheets in a packet.



39 13 22 Label, poison, 50's/pkt

Pkt

**Ligature Catgut**  
(Sutures)

Catgut para Ligatura (Suturas Catgut)

糸付き縫合針 (内科用)

内科用绷带肠线



Sterile suture for external and internal stitching. Furnished with a needle.

39 13 24 Ligature catgut

Pkt

**Lotion Bowls**

Tazones para Loción

ローション・ボール 消毒水盆



Stainless steel basin used when sterilizing the hands. 230 mm in diameter and 80 mm high.

39 13 26 Lotion bowl, stainless steel

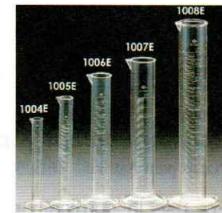
Pc.

**Medical Measure Glasses**  
(Graduated Cylinders)

Vasos Graduados Medicos

(Cilindros Graduados)

計量グラス 医用量杯(量筒)



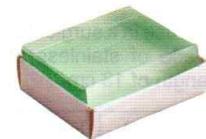
Unit Per Pc.

CODE	Capacity	CODE	Capacity
39 13 31	20 ml	39 13 30	200 ml
32	50 ml	33	500 ml
29	100 ml		

**Microscope Slides**

Portaobjetos para Microscopio

顕微鏡用載物ガラス 显微镜载玻片



Transparent plain glass.

39 13 34 Microscope slide glass

Pc.

**Palette Knives**

Cuchillos de Paleta

軟膏ヘラ 刮刀



For dispensing and applying ointments. Stainless steel blade with a wooden handle.

39 13 42 Palette knife

Pc.

**Rubber Sheeting for Operation**

Sábana de Goma para Operación

防水布 手术用橡皮垫布



Rubber coated water proof sheets. 2 mtr long and 1 mtr wide.

39 13 46 Rubber sheeting for operation 1 x 2 mtr

Sht

**Safety Pins**

Pasadores de Seguridad 安全ピン 安全针



Safety pins are 5 cm in length and furnished in packets of 12 pcs.

39 13 51 Safety pin, medical, 12's

Pkt

## Scalpels

Escalpelos メス 解剖刀

For use in surgical operations. The blade and handle are ordered separately. Specify the blade number when ordering.



Handle No. 3



Blade No. 10



Blade No. 11

Unit Per Pc.			
CODE	Items	CODE	Items
39 13 53	Handle No. 3	39 13 55	Blade No. 10
		39 13 56	No. 11

## Medical Scissors

Tijeras 医療用バサミ 剪刀

### One-Point & One-Blunt Scissors

Tijeras de una punta y una punta roma

片刃バサミ 单点和单钝剪刀

Stainless steel scissors with one blunt tip and one pointed tip. Overall length is 14.5 cm.



39 13 60	Scissors, one-point & one-blunt, Stainless steel	Pr.
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## Surgical Scissors

Tijeras Quirúrgicas

外科バサミ 外科手术剪刀

Made of stainless steel with both ends blunt for use in an operation. Overall length is 16 cm.



39 13 61	Scissors, surgical, stainless steel	Pr.
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## Bandage Scissors

Tijeras Para Vendajes

包帯用ハサミ 绷带剪刀

Designed specially to cut bandage without scratching the skin beneath. Stainless steel. Overall length 16 cm.



39 13 62	Scissors, bandage, stainless steel	Pr.
----------	------------------------------------	-----

## Skin Closures

(Butterfly Closures)

Malla Quirúrgica

皮膚接合用紺創膏

蝶形敷料貼



A sterile, waterproof bandage for forming skin closures on superficial lacerations. The bandage has non-adhering film on the center section to prevent the bandage from sticking to the wound. 100 large closures (7 cm x 1.3 cm) in a packet.

39 13 66	Skin closure, 7 x 1.3 cm 100's	Pkt
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## Sphygmomanometers

Baumanómetros

血圧計 血压计

Mercury filled blood pressure monitor. Measurement range of 0 - 300 mmHg. Enclosed in a hard plastic case.



39 13 68	Sphygmomanometer, mercury	Set
----------	---------------------------	-----

## Digital Sphygmomanometers

Esfigmomanómetros digitales

数字血压计 デジタル血压計

Compact and lightweight, battery operated sphygmomanometer. Power source is two R6P (UM-3 • AA) batteries. The measuring range is 0 - 300 mmHg. The unit is furnished with batteries and is enclosed in a soft leather case.



39 13 69	Sphygmomanometer, digital	Set
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## Emergency Air Splints

Férulas Neumáticas de Emergencia

応急エア副子 紧急气垫夹板



Made of double-walled transparent vinyl plastic, comfortably shapes itself to the contour of the limb and applies uniform pressure to injured arm or leg. Bone fractures with wounds can be treated at the same time. Completely washable and reusable, and can be sterilized by gas or cold solution.

Set includes; Sprint size S/M/L, Vacuum pump, Sterile gauge S/M/L and storage bag.

39 13 78	Emergency air splint inflatable, full set	Set
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## Sterilizers with Alcohol Lamp

Esterilizadores con Lámpara de Alcohol

アルコールランプ付き滅菌器

酒精灯灭菌器

A set comprised of an alcohol lamp, a tripod, and a stainless steel tray with a lid. The tray size is 250 x 85 x 55 mm. Alcohol is not furnished with the lamp.



39 13 84	Sterilizer with alcohol lamp	Set
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## Electric Steam Sterilizers (Autoclaves)

Esterilizadores Eléctricos de Vapor

電気式蒸気滅菌器 电力蒸汽消毒器 (高压消毒蒸锅)

Portable, high speed steam pressure autoclave suitable for sterilizing and drying dressing materials, gauze and sanitary cotton as well as syringes and hypodermic needles. Stainless steel construction that weighs less than 10 kg. Furnished with a stainless steel standard tray sized 12 x 36 x 4 cm.



Standard Tray

### Specification

Chamber Size mm		Outer Size mm			Net Weight
ID	Depth	W	L	H	
150	380	240	460	320	9.2 kg
Unit Per Set					
CODE	Electricity	Working Pressure			
39 13 86	100 - 110V	1 kgf/cm <sup>2</sup> - 2 kgf/cm <sup>2</sup>			
87	220V	121°C - 132°C			

## Stretchers

Camillas 担架 担架

Both of the stretchers illustrated below, the "Neil Robertson type" or the "Basket Type", can be furnished upon request.



Unit Per Pcs.

CODE	Description
39 13 90	Neil Robertson Type
91	Basket Type

39

Medicine

## Stomach Tubes with Funnel

Tubos para el Estómago con Embudo

胃管用カテーテル 带漏斗的胃管

1.9 mtrs length of rubber tube with rubber funnel.



39 13 94 Stomach tube with funnel

Set

## Fully Isolated Rescue Hooks

Gancho de Rescate Totalmente Aislado

感電傷者救助フック

完全隔离式救援钩



Designed for the recovery of patients from a circuit, to use for low voltages up to 1,000 volts. S-shaped single made hook with double arch design to take persons out of the circuit of low voltage lines, machines, etc., by for example pulling on arms, legs, shoulder caves, by the ankle area, etc.

39 13 95 Fully Isolated Rescue Hook

Pcs.

## Suspensory Bandages with Understrap

Vendas Suspensoras con Cinta Interna

パンツ式サポーター 悬挂式绷带



Available in a large or medium size.

Unit Per Pcs.

CODE	33 13 96	33 13 97
Size	Medium	Lange

## Suture Strips, Non-Stitch

Cintas para Sutura, sin Puntada

サージカル・テープ 非缝合式缝合带



39 14 02 Suture strip, non-stitch 2.5 cm x 9.1 mtr

Pkt

## Sutures with Needle

Suturas con aguja 系付き縫合針(外科用) 外科用缝针锋线



Silk suture fitted to an eyeless needle for surgical suturing. Vacuum sealed in a sterile packet.

39 14 04 Suture with needle, medium

Pkt

05 " , large

"

## Temperature Charts

Diagramas de Temperatura  
体温表 体温单

Charts for recording and monitoring measurements of temperature, pulse, and respiration.



39 14 20	Temperature chart	Pc.
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## Digital Clinical Thermometers

Termómetros Clínicos Digitales

デジタル体温計 数字式临床体温计



Battery operated thermometer graduated in increments of 0.1°C. Furnished with batteries and a protective case.

39 14 24	Thermometer, clinical, digital	Pc.
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## Tongue Depressors

Depresor 舌压子 压舌板



Wooden tongue depressors with an overall length of 15 cm.

39 14 26	Tongue depressor, wooden	Pc.
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## Tourniquets

Torniquetes 止血带 止血帶



Esmarch type tourniquet for stopping excessive bleeding. Furnished with a rubber bandage and rubber tubing with a chain and hook for securing the ends.

39 14 28	Tourniquet, Esmarch type	Set
----------	--------------------------	-----

## Urine Bottles

Frascos para Orina 尿瓶 尿瓶

Made of plastic with a handle attached.



39 14 40	Urine bottle, plastic	Pc.
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## Urine Test Paper

Papel Reactivo para Orina  
尿試験紙 尿试纸



Rapid and convenient reagent strips for determining protein (albumin), glucose (sugar), and chloride (salt) levels in urine.

CODE	Description			Unit
39 14 42	Albumin/Sugar	300's		Btl
43	Albumin	100's		"
44	Sugar	100's		"
45	Salt	60's		Pkt

## Test Tubes

Tubos de Ensayo 試験管 試管

Glass tube closed at one end and used for preparation of chemicals, medicines.



39 14 71	Test tube, glass, plain	Pc.
73	Test tube stand for 6 tubes	"
74	Test tube stand for 12 tubes	"

## Beakers

Vaso de Precipitados ピーカー 烧杯

A Cylindrical shaped glass for mixing or heating liquids for laboratory use. Capacity: 2 ltr.



Unit Per Pcs.

CODE	Material	Capacity
39 14 76	Plastic	2 ltr
77	Glass	2 ltr

## Infrared Digital Thermometers for Medical Use

Termómetros Digitales de Infrarrojos para Uso Médico

医療用非接触型デジタル体温計

医用红外线数字温度计

A medical infrared thermometer for body and surface temperature. Simply point the sensor of infrared thermometer at patient's forehead and will display an accurate temperature within seconds.



39 18 25	Infrared digital thermometer for medical use	Set
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## Marine Automated External Defibrillator (AED) LIFEFORCE

Desfibrilador Externo Automático (DEA) Naval LIFEFORCE

自動体外式除細動器

航海用自動體外除顫儀 (AED) LIFEFORCE

Lifeforce is the world's first and only specialist marine Type Approved automated external defibrillator (AED).

Sudden cardiac arrest (SCA) is the world's biggest killer, killing over 3 million people worldwide every year. The only proven way to treat SCA is by delivering an electric shock to the heart to restore a normal heart rhythm. Lifeforce has been designed to be used by non-medically trained crew, with clear verbal and visual instructions and bright, oversized buttons, for the quick, safe and portable delivery of a shock to the heart. Lifeforce automatically detects when a shock is required, ensuring that a shock is only delivered when required.

Lifeforce has been Type Approved by Germanischer Lloyd (GL) and tested to prove its reliability in accordance with electromagnetic compatibility, humidity, pressure, radio frequency interference, saline mist, temperature and vibration. Lifeforce is manufactured under ISO 13485:2003, cleared by the FDA and CE marked to the Medical Devices Directive 93/42/EEC and supported by a 5 year warranty.



39 15 01	Marine automated external defibrillator "LIFEFORCE"	Set
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Name of Mfr.: Martek Marine Ltd.

## Glucometers

Glucómetros

血糖値測定器

血糖仪



A measuring device to determine the concentration of glucose in the blood, obtained by pricking the skin with a lancet (Capillary blood sampling device).

39 15 02	Glucometer with blood sampling device	Set
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## Antigen/COVID-19 Rapid Test Kit

Kit de prueba rápida de antígeno/COVID-19

抗原検査キット 抗原 / COVID-19 快速检测试剂盒

An antigen rapid test kit is used to detect the presence of antigen such as covid-19, flu and other viral antigen in a person's body.

It usually involves taking a sample from person's body with a nasal or throat swab, and places on a test strip or in a test cartridge to detect antigens in the body. It usually comes up with visible signal such as a color change to indicate positive result.

Relatively lower cost and quicker result, but less accurate than PCR test.

CODE	Size mm	Unit
39 15 03	Antigen Test Kit Self-Saliva Testing type	Set
04	COVID-19 Test Kit	Pc.
05	COVID-19 Test Kit 2's	Pkt
06	COVID-19 Test Kit 5's	Pkt
07	COVID-19 Test Kit 20's	Box

## Publications

Publicaciones 出版物 出版物

Each of the following publications is required on vessels without a doctor on board by the WHO or DTI regulations.

CODE	Type	Unit Per Vol
37 06 74	International Medical Guide for Ships	
75	Merchant Shipping Medical Scale	
76	Ships Captain Medical Guide	
77	Supplement for Ship Captain's Medical Guide	

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