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Applicable to: This circular should be brought to the attention of ship-owners, ship managers, operators and masters of Vanuatu-registered ships.

## RE: MEDICAL LOCKER CARRIAGE RECOMMENDATIONS

In association with Sphere MD the Administration has created the following recommended carriage list for on board Medical Lockers. At this time the Administration does not have any strict carriage requirements, but allows the owners to place on board what is required dependent upon vessel routing, service, distance and time to shoreside medical assistance, and availability of material.

**Instructions:** Review the contents of your medical locker and record your on-hand quantities below. The difference between the amounts per 20 crew minus your on-hand quantities will leave you with the amount of medication or supplies you need to order.

**Example:** If my medical locker currently has 50 2mg tabs of Loperamide and 5 100mg tabs of Mebendazole, I would fill in the on-hand column as below.

	Medications	Dosage or size	Also known as	Amount per 20 crew	On hand	To order
29	Loperamide	2mg tabs	Imodium	60	50	10
30	Mebendazole	100mg tabs	Vermox	10	5	5

After subtracting my on-hand quantities from the amount per 20 crew required, I am left with the quantities I need to order. Since the medical locker standards requires 60 2mg tabs of Loperamide and 10 100mg tabs of Mebendazole, I now know I need to order 10 2mg tabs of Loperamide and 5 100mg tabs of Mebendazole to ensure compliance.

**World Health Organization's 3<sup>rd</sup> Edition Medical Locker Standards**

	<b>Medications</b>	<b>Dosage or size</b>	<b>Also known as</b>	<b>Amount per 20 crew</b>	<b>On hand</b>	<b>To order</b>
1	Acetylsalicylic Acid	300mg tab 100s	Aspirin	200		
2	Aciclovir	400mg	Acyclovir	35		
3	Amethocaine 0.5% ophthalmic	single use vial, 1ml	Tetracaine HCl	20		
4	Amoxicillin+ Clavulanate	875mg/125mg tabs	Augmentin	30		
5	Artemether	80mg/1ml ampoule	Larither	5		
6	Artemether+ Lumefantrine	20mg/125mg tabs	Riamet	24		
7	Atropine sulfate injection	1.2mg/ml, 1ml ampoules 10s		10		
8	Azithromycin	500mg tabs	Zithromax	3		



	Medications	Dosage or size	Also known as	Amount per 20 crew	On hand	To order
9	Ceftriaxone	1g ampoule (powder)	Rocephin	30		
10	Cetirizine	10mg tabs	Zyrtec	30		
11	Charcoal, activated	50g (powder)		1		
12	Ciprofloxacin	250mg tabs	Cipro	40		
13	Clove oil	20ml	Syzygium aromaticum	2		
14	Dexamethasone	4mg/ml ampoule	Decadron	5		
15	*Diazepam	5mg, 100s tabs	Valium	2		
16	Docusate with Senna	50mg/8mg (or equivalent)	Coloxyl	20		
17	Doxycycline hydrochloride	100mg tabs	Vibramycine	20		
18	Ethanol 70% hand cleanser gel	250ml		2		
19	Ethanol 70% liquid – instrument disinfectant	500ml		1		
20	Epinephrine hydrochloride injection, 1:1000	1ml ampoules		20		
21	Fluorescein sodium, ophthalmic(1%, on paper applicators)	strips or single use vials 1ml		20		
22	Furosemide	10mg/ml, 4ml ampoule	Lasix	1		
23	Glucagon	1mg ampoule	Glucagen	1		
24	*Haloperidol 5mg/ml Ampoule	5mg/ml ampoule	Haldol	5		

	Medications	Dosage or size	Also known as	Amount per 20 crew	On hand	To order
25	Hydrocortisone ointment 1% cream	30g tube		4		
26	Ibuprofen	400mg coated tabs	Advil	100		
27	Isosorbide dinitrate	5mg tabs	Cedocard, Isordil	20		
28	Lidocaine HCl w/o Epinephrine injection 1%	5ml ampoule		12		
29	Loperamide	2mg tabs	Imodium	60		
30	Mebendazole	100mg tabs	Vermox	10		
31	Metoprolol	100mg tabs	Toprol XL	60		
32	Metronidazole	500mg tabs	Flagyl	500		
33	Miconazole 2% cream topical	30-60g tube	Monistat	4		
34	*Midazolam	5mg/ml ampoule	Versed	5		
35	Misoprostol	200mcg tabs		3		
36	*Morphine sulfate injection	10mg/ml, 1ml ampoule		20		
37	*Morphine	1mg/ml oral sol		1		
38	Naloxone hydrochloride injection	0.4mg/ml, 1ml ampoule	Narcan	6		
39	Omeprazole	20mg tabs	Prilosec, Losec	30		
40	Ondansetron	4mg tabs	Zofran	10		
41	Oral rehydration salts (powder)	single use sachets	Repolyte, Gastrolyte	10		
42	Oxymetazoline 0.5% nasal	drops or spray	Drixine	5		
43	Paracetamol	500mg tabs	Tylenol, Acetaminophen	200		
44	Permethrin 1% lotion	250ml	Nix	1		
45	Permethrin 5%	250g	Elimite	1		



	<b>Medications</b>	<b>Dosage or size</b>	<b>Also known as</b>	<b>Amount per 20 crew</b>	<b>On hand</b>	<b>To order</b>
46	Povidone 10% sol and 10% ointment	25-50g	Betadine	3		
47	Prednisone	25mg tabs		30		
48	Petroleum Jelly	50-100g	Vaseline	3		
49	Salbutamol aerosol inhaler unit	inhaler 0.1mg/dose	Albuterol	2		
50	Sodium chloride infusion, 0.9%	1 litre, or 2x 500ml plastic bottle	NaCl IV solution	5		
51	Tetanus Immunoglobulin (store at 2-8 degrees C)	ampoule		1		
52	Tetanus toxoid vaccine (store at 2-8 degrees C)	ampoule		1		
53	Tetracycline ear-drops, 1% tetracycline solution	10ml dropper bottle	Cortisporin Otic	10		
54	Tramadol	50mg tabs		50		
55	Vitamin K	10mg/ml ampoule		2		
56	Water, sterile	5ml ampoule		30		
57	Zidovudine + Lamivudine	300/150mg tabs	Combivir	60		
58	Zinc oxide 20% ointment	30g tube		5		
	* Captain's Safe					
	Medical Supplies					
	Resuscitation Equipment					
1.1	Oxygen cylinder	2 L/200bar		2		

	<b>Medications</b>	<b>Dosage or size</b>	<b>Also known as</b>	<b>Amount per 20 crew</b>	<b>On hand</b>	<b>To order</b>
1.2	Pressure regulator unit and flow meter w/ tubes that also fit ship's industrial O2			1		
1.3	Disposable face masks: including simple and non-rebreather			3		
1.4	Guedel airway (Mayo-tube)	Medium		1		
1.4	Guedel airway (Mayo-tube)	Large		1		
1.5	Manual aspirator to clear upper airways, including 2 catheters			1		
1.6	Ambubag (or equivalent) including masks	Small		1		
1.6	Ambubag (or equivalent) including masks	Medium		1		
1.6	Ambubag (or equivalent) including masks	Large		1		
1.7	Brook airway, Lifeway, pocket face mask or equivalent			1		
	Dressing Material & Suturing Equipment					



	<b>Medications</b>	<b>Dosage or size</b>	<b>Also known as</b>	<b>Amount per 20 crew</b>	<b>On hand</b>	<b>To order</b>
2.1	Adhesive dressings, water-resistant	Assorted sizes		200		
2.2a	Gauze compresses, sterile	5x5cm		100		
2.2b	Gauze compresses, sterile	10x10cm		100		
2.3	Gauze roll, nonsterile	60cm x 100m		1		
2.4	Gauze dressing, non-adherent	10cm Square		100		
2.5	Gauze dressing, Vaseline, sterile	10x10cm square		50		
2.6	Bandage gauze, tubular	2cm x 5m rolled w/applicator		1		
2.7	Bandage, elastic fixation	6cm x 4m		3		
2.8	Bandage, adhesive elastic	6cm x 4m		10		
2.9	Bandage, compression (ambulance dressing)	sterile – Sm		2		
2.9	Bandage, compression (ambulance dressing)	sterile- Med		2		
2.9	Bandage, compression (ambulance dressing)	sterile- Lg		2		
2.1	Sling, triangular			5		
2.1	Sheet, sterile, for burn victims			1		

	Medications	Dosage or size	Also known as	Amount per 20 crew	On hand	To order
2.1	Silvadene	400g		1		
2.1	Skin closure, adhesive, sutureless, sterile	5x1.25cm	Steristrips	10		
2.1	Applicators, wood, cotton-tipped ends, sterile	2 mm x 15 cm	23024	100		
2.2	Safety-pin, rustless		1603	50		
2.2	Skin closure, adhesive, surgical, sterile (butterfly closure)	6mm	2481, SH4 10-1990	20		
2.2	Skin Adhesive, cyanoacrylate liquid	0.5ml		2		
2.2	Sutures, absorbable w/ curved, non-traumatic needles	Sutures 1-0		10 ea		
2.2	Sutures, absorbable w/ curved, non-traumatic needles	Sutures 3-0		10 ea		
2.2	Sutures, absorbable w/ curved, non-traumatic needles	Sutures 4-0		10 ea		



	Medications	Dosage or size	Also known as	Amount per 20 crew	On hand	To order
2.2	Sutures, absorbable w/ curved, non-traumatic needles	Sutures 5-0		10 ea		
2.19a	Gloves, examination, non-sterile			50		
2.19b	Gloves, surgical, sterile	6.5	2D7255	3 ea		
2.19b	Gloves, surgical, sterile	7.5		3 ea		
2.19b	Gloves, surgical, sterile	8.5		3 ea		
2.2	Eye pads			2-3		
	Instruments					
3.1	Disposable Scalpel		sterile	20		
3.2	Instrument box (stainless steel)			1		
3.3	Scissors		Operating, straight, stainless	1		
3.4	Scissors		Bandage, stainless	1		
3.5	Forceps		Splinter, pointed, stainless	1		
3.6	Forceps		Tissue, teeth, stainless	1		
3.7	Needle holder	180mm, straight	Mayo-Hegar	1		
3.8	Hemostat clamp	125mm, stainless	Halstead mosquito	3		
3.9	Razors		Disposable type	50		
	Examination & Monitoring Equipment					
4.1	Tongue Depressors		Disposable	100		

	Medications	Dosage or size	Also known as	Amount per 20 crew	On hand	To order
4.2	Urine analysis strips		Reactive paper strips	100		
4.3	Microscope slides		Glass	100		
4.4	Stethoscope			1		
4.5	Blood pressure set		Sphygmomanometer	1		
4.6	Thermometer		Oral, digital	1		
4.7	Thermometer		Rectal, digital	1		
4.8	Thermometer	32-34 deg	Hypothermic	1		
4.9	Penlight + blue cover			1		
4.1	Waterproof marker			1		
4.1	Magnifying glass	a x 8 loupe		1		
	Injection, Infusion, & Catheterization Equipment					
5.1	Syringe, sterile, disposable	2ml, luer		50		
5.2	Syringe, sterile, disposable	5ml, luer		50		
5.3	Hypodermic needles	25g x 16mm		20		
5.4	Hypodermic needles	25g x 25mm		20		
5.5	Hypodermic needles (for drawing up)	18g x 25mm		20		
5.6	IV cannula, luer lock connecter	18g		10		
5.7	IV cannula, luer lock connecter	22g		10		



	Medications	Dosage or size	Also known as	Amount per 20 crew	On hand	To order
5.8	IV giving set, Luer lock connector, sterile			3		
5.9	Tourniquet, for blood draw			1		
5.10a	Catheter, bladder + tube and bag		condom type	2		
5.10b	Catheter, bladder, sterile, prelubricated	Thieman no. 12		2		
5.10c	Catheter, bladder, sterile, prelubricated	Thieman no. 16		2		
5.1	Urine collection tube and bag			2		
	General Med & Nursing Equipment					
6.1	Eye protection		plastic safety glasses or full face masks	2		
6.2	Apron, plastic, disposable, water resistant			20		
6.3	Basin, emesis, kidney shape		726	2		
6.4	Towels, plastic-backed, sterile, disposable	600 x 500mm		10		
6.5	Sharps safety container, disposable	5 liter		1		
6.6	Mask, face, disposable		2495	50		
6.7	Tape measure, vinyl coated	1.5m		1		

	Medications	Dosage or size	Also known as	Amount per 20 crew	On hand	To order
6.8	Draw sheets, plastic	90x180cm		2		
6.9	Bedpan, stainless			1		
6.10	Hot water bottle			1		
6.11	Urinal, male, plastic		3969	1		
6.12	Ice pack		Hot/cold Maxi	1		
6.13	Blanket, aluminum backed			1		
6.14	Condom, male			100		
6.15	Bottle, wash, plastic	250ml		1		
6.16	Bottle, plastic w/screw top	1L		3		
6.17	Tray, dressing, stainless	300x200x30mm		1		
6.18	Bowl, stainless	180ml		3		
6.19	Jars, specimen, plastic w/ lids and label	100ml		10		
6.20a	Bandage, plaster-of-Paris	5cm x 12.7m		12		
6.20b	Bandage, plaster-of-Paris	10cm x 12.7m		12		
6.21a	Stockinet	Arm sized, 10m roll		1		
6.21b	Stockinet	Leg sized, 10m roll		1		
6.23	Cotton wool, roll	500g		10		
6.24	Alcohol swabs - 70% sol swab prior to inj			200		
6.25	Brush, nail			1		
6.26	Thermometer for refrigerator			1		



	<b>Medications</b>	<b>Dosage or size</b>	<b>Also known as</b>	<b>Amount per 20 crew</b>	<b>On hand</b>	<b>To order</b>
6.27	Mortuary transfer bag			1		
	Immobilization & Transport Equipment					
7.1	Splints, malleable		Finger type	3		
7.2	Splints, malleable		Forearm/hand	2		

**Additional SphereMD recommendations:**

	<b>Medications</b>	<b>Dosage or size</b>	<b>Description</b>	<b>Amount per 20 crew</b>	<b>On hand</b>	<b>To order</b>
	Diphenhydramine	25mg	Fast acting antihistamine	50		
	Ranitidine	150mg	Both as an antacid and used in extreme allergic reactions	30		
	Clindamycin	300mg	Broad spectrum antibiotic	30		
	Laryngeal Mask	#4	Very easy to use to manage a patient's airway	2		
	Laryngeal Mask	#5		2		
	Malaria test kit	1 box/12	To identify if symptoms are due to Malaria versus another infections etiology	1		
	Temporary dental filling		To temporarily manage broken fillings	2		
	Neomycin & Polymyxin B Sulfates and Dexamethasone Ophthalmic ointment	3.5mg per g/10,000 units	Antibiotic and steroid for eye infections or irritation.	2		
	IO (intraosseous device)	15 gauge, 25mm	For administration of fluids/medications for patient's where IV access cannot be found	2		



Patrick Michael DeCharles II  
 by the direction of the  
 DEPUTY COMMISSIONER OF MARITIME AFFAIRS  
 The Republic of Vanuatu

