

Inleiding - Introduction

MARITIEME GENEESKUNDE
MARITIME MEDICINE
MEDECINE MARITIME



Content

- Body structure and functions
- Pathology
- Emergencies
- Prevention and Protection
- Skills

Pathology

- Diseases of:
 - Abdomen
 - Locomotor system
 - Eyes
 - Urogenital system
 - Nervous system
 - Respiratory system
 - Cardiovascular system
 - Skin
 - Infections
 - ENT
 - Psychological problems
 - STI
 - Teeth

Emergencies

- Basic Life Support
- Advanced First Aid
- Shock
- Hypothermia and Drowning
- Locomotor system
- Bleeding
- Burns

Prevention and Protection

- Alcohol en Drugs
- Chemical risks and intoxications
- Climate
- Fit onboard
- Healthy Food
 - Hygiene in the Galley
- Travel Medicine
 - Malaria
 - Vaccinations
- Backproblems
- Quarantine and Isolation
- Noise and Vibrations
- SOA

Skills

- Stitching
- IV therapy
- Eye examination
- Injections
- Bandaging and immobilisation
- Nursing
- O₂ therapy
- TMAS
- Triage
- Patient Management

Medical Emergencies – Solutions and Skills

- Clinical examination
 - Locomotor system
 - Communication
- ENT
- Teeth
- Reanimation
- Urine
- Toxicology
- Diving
- Evacuation
- Coma
- DVT

How

- $6 + 24 + 24 = 54$ hours college
 - Body structure and function
 - Pathology
 - Emergencies
 - Prevention and Protection
 - Skills
- $12 + 12 = 24$ hours skill labs
 - Skills
 - Emergencies
- 120 hours hospital training
- = 198 hours maritime medical training

Inleiding - Introduction

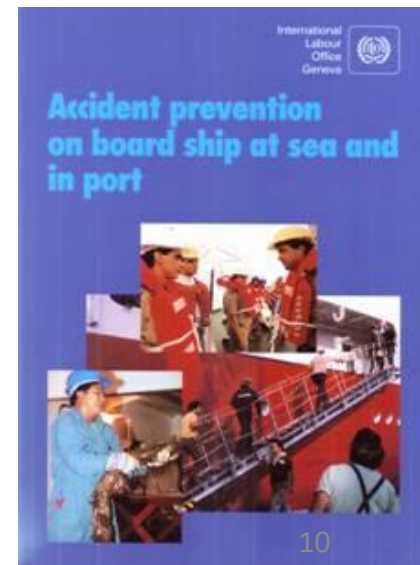
CONTEXT

CONTEXTE



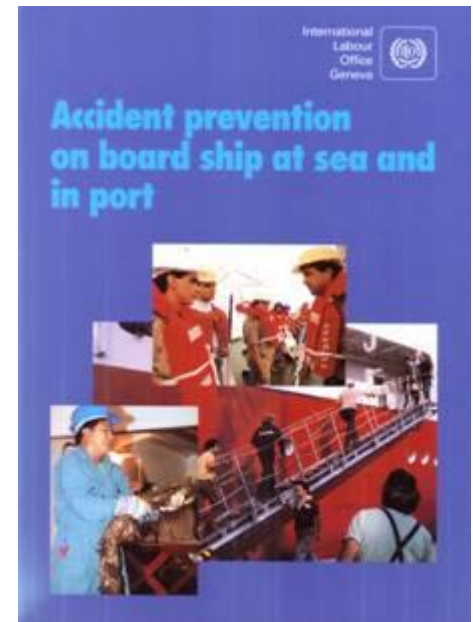
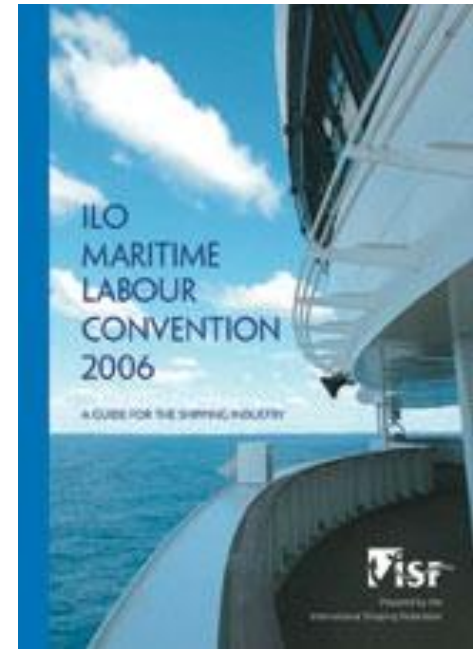
ILO

- Minimum age convention (nr 7) 1920, (nr 58) 1936
- Medical examination of young persons (sea) convention (nr16) 1920
- Medical examination (Seafarers Convention) (nr 73) 1946
- Food and Catering convention (nr 68) 1946
- Accommodation of crews convention (nr 133) 1970
- Crew accommodation (air conditioning) recommendations (nr 140) 1970
- Crew accommodation (noise control) recommendation (nr 141) 1970
- **Prevention of accidents convention (nr 134) 1970**
- **Prevention of accidents recommendation (nr 142) 1970**
- Seafarers welfare convention (nr163) 1987
- Seafarers welfare recommendation (nr 173) 1987
- Health protection and medical care convention (nr 164) 1987
- Ships medicine chests recommendation (nr 105) 1958
- Medical advice at sea recommendation (nr 106) 1958



ILO

- February 2006: one “consolidated maritime convention”
- Maritime Labour Convention
- Ratification
- Title 4:
Health protection, medical care, welfare and social security protection



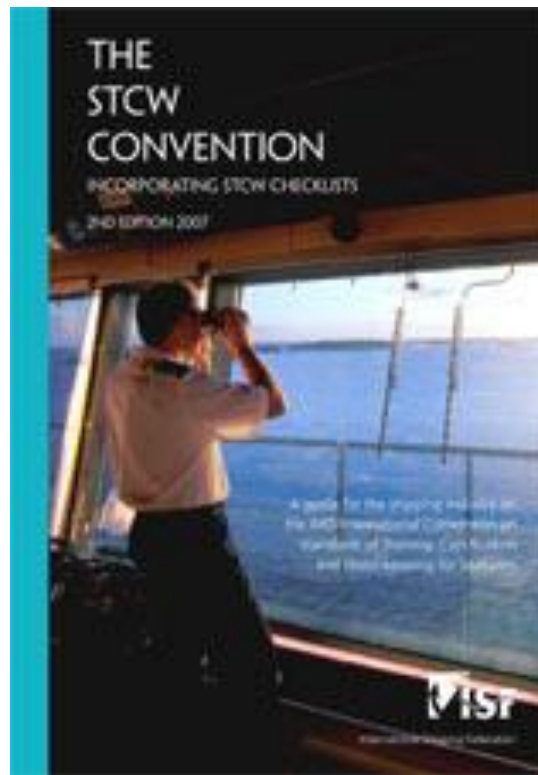
ILO - MLC

Article IV relates to *seafarers' employment and social rights and states:*

1. Every seafarer has the right to a safe and secure workplace that complies with safety standards.
2. Every seafarer has a right to fair terms of employment.
3. Every seafarer has a right to decent working and living conditions on board ship.
4. *Every seafarer has a right to health protection, medical care, welfare measures and other forms of social protection.*
5.

IMO

- Safety & Environment
- SOLAS
- MARPOL
- STCW '95
- ISM
- Model Courses



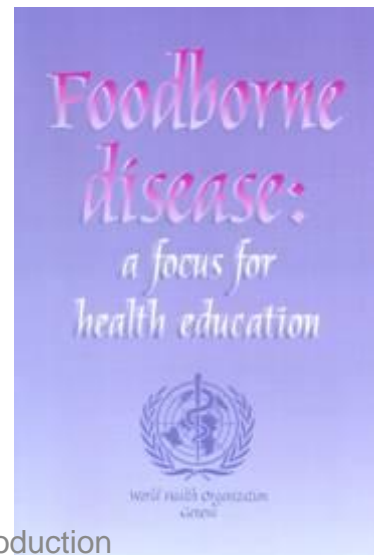
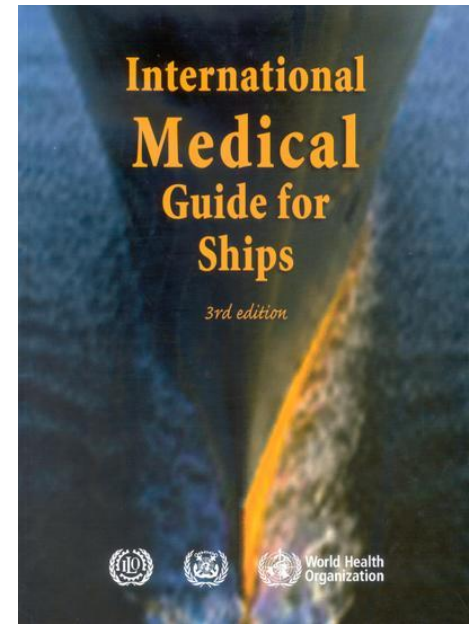
IMO – Model Courses

- Level I: Elementary First Aid 10-20 min
- Level II: Medical First Aid 1h- 1 day
- Level III: Medical Care 1d- 1 week

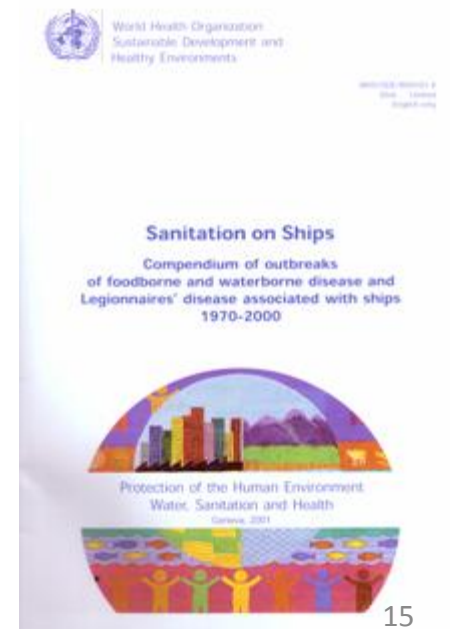


WHO

- International Medical Guide for Ships, third edition, 2007
- Epidemiology
- Hygiene, Foodborne disease



Introduction



15

National legislation

- Federal Ministry of Transport:
 - Directorate of Maritime Affairs
 - Maritime Inspection (appendix XX)
- Pool
- Company policies

Health protection onboard

- Medical Fitness Examination - PEME
- Vaccinations and prevention
- Medical training
- Medical equipment
- Tele Medical Assistance Service