

MEDICAL CARE COURSE



TARGET GROUP

This training course primary is intended for existing seafarers who are going to take charge of medical care on board ships.



OBJECTIVES OF THE COURSE

In this course the participants will be competent to provide medical care for the sick persons and injured while they remain on board and to participate in coordinated schemes for medical assistance to ships.



COURSE CONTENTS

The Training course covers the following topics:

- Medical First Aid revision;
- Care of casualties involving:
 - Head and spinal injuries;
 - Injuries of ear, nose, throat and eyes;
 - External and internal bleeding;
 - Burns, scalds and frostbite;
 - Fractures, dislocations and muscular injuries;
 - Wounds, wound healing and infection;
 - Pain relief;
 - Techniques of sewing and clamping;
 - Management of acute abdominal conditions;
 - Minor surgical treatment;
 - Dressing and bandaging;
- Medicines and medical equipment;
- Surgical equipment, instruments and supplies;
- Nursing care;
- Diseases, including:
 - Medical conditions and emergencies;
 - Sexually transmitted diseases;
 - Tropical and infectious diseases;
- Alcohol and drug abuse;
- Dental care;
- Gynecology, pregnancy and childbirth;
- Medical care of rescued persons;
- Death at sea;
- Environmental control on board ship (hygiene);
- Disease prevention, including:
 - Disinfection, disinfestation, de-ratting
 - Vaccinations;
- Keeping records and copies of applicable regulations:
 - Keeping medical records;
 - International and national maritime medical regulations;
- External assistance:
 - Radio medical advice;
 - Transportation of the ill and injured, including helicopter evacuation;
 - Medical care of sick seafarers involving cooperation with port health authorities or out-patient wards in port.

APPROVAL



The course complies with all requirements of the STCW Convention, as amended, Chapter VI, Sections A-VI/4 and Table A-VI/4 of the SCTW Code, as well as covers all subject areas recommended by IMO Model course 1.15 "Medical Care". The course is certified by Latvian Maritime Administration.

INCOME REQUIREMENTS:



To be assigned on Medical Care training course, participant should present national passport, Medical First Aid training course certificate or previous Medical Care training course certificate.

TRAINING APPROACHES AND EQUIPMENT:



During training course theoretical lessons are given using PowerPoint presentations, practical tasks are based on real scenarios and conducted using following equipment: First Aid kit, laboratory Equipment for clinical tests, facilities for the treatment of eye injuries, different types of splints, fasteners, bandages, dressings, human-sized dummy for ABC, resuscitation equipment, Neil-Robertson stretcher, dummy hand, automatic external defibrillators, surgical equipment (scalpels, clamps, forceps), surgical sutures with needles, phonendoscope and tonometer.

DURATION OF THE TRAINING COURSE



The duration of the Medical Care training course is 5 working days.



THE COURSE PROGRAM

DAY 1

- First Aid revision (theoretical and practical exercises).

DAY 2

- Medical First Aid revision;
- Care of casualties (theoretical and practical exercises):
 - Head and spinal injuries;
 - Injuries of ear, nose, throat and eyes;
 - External and internal bleeding;
 - Burns, scalds and frostbite;
 - Fractures, dislocations and muscular injuries;
 - Wounds, wound healing and infection;
 - Pain relief;
 - Techniques of sewing and clamping;
 - Management of acute abdominal conditions;
 - Minor surgical treatment;
 - Dressing and bandaging.

DAY 3

- Medicines and medical equipment;
- Surgical equipment;
- Medical care for rescued persons;
- Dental problems;
- External assistance.

DAY 4

- Medical Conditions and Emergencies, Sexually transmitted diseases, Tropical and infectious diseases;
- Nursing care;
- Gynecology, pregnancy and childbirth;

DAY 5

- Death at sea;
- Environmental control on board;
- Disease prevention;
- Keeping records and copies of applicable regulations;
- Alcohol and drug abuse;
- Final examination (theoretical and practical exercises).

COURSE LIMITATIONS



The maximum number of participants - 3 persons.

Note: during training course theoretical lessons are given using PowerPoint presentations, practical tasks are conducted on Transas NT Pro 5000 ECDIS simulator with the latest software version installed.