



MILIARE

Maritime High Quality Health Care

MILIARE is the acronym indicating the Maritime High Quality Health Care program of Centro Internazionale Radio Medico (CIRM) for improving medical care of seafarers on board ships and for guaranteeing the best and most efficient health/medical training of who on board ships has duties related with health care, hygiene, food preparation and service, stress management. CIRM, the Italian Telemedical Maritime Assistance Service (TMAS) is the centre with the largest experience worldwide in providing medical advice to ships without a doctor on board. MILIARE is articulated in two groups of initiatives.

Actions for improving medical care of seafarers

1. Collection of basic medical data of seafarers and preparation of an Electronic Health Record (EHR) to be used in case of CIRM medical advice, or if the patient is visited in a port or in a hospital. The EHR travels with the patient as it can be download just having an internet connection and any doctor can therefore look at the medical history of the patient.
2. Development of softwares of seafarers HER to be used in recruiting clinics. Training of recruiting doctors to the fitting seafarers regulations and to the best use of the software.
3. Audits of recruiting clinics for assessing the level of work done and the compliance of their activities with high standards established in HER.
4. Supervision of the ship's medical chest, with analysis of medicines going to expire or no longer available and a warning for replacing them.
Collection of medical chests of single ships at CIRM headquarter to guarantee precise prescription of medicines available on board, identification of them by number and consequent reduction of possible mistakes in administering pharmaceutical compounds to seafarers. Inspections via telepharmacy the ship's pharmacy and issuing of international compliance certificates.
5. Fast track medical advice delivery, which include:
 - a. priority in delivering medical advice to ships partners of MILIARE;
 - b. direct contact with shipping company officers or doctors in case of serious cases requiring landing of the patient or diversion of the ship from the route;
 - c. collaboration/agreements of what to do in cases of disease/accidents on board.
6. Collaboration for maintenance of high hygiene standards on board ships
 - a. Water quality protocols/control;
 - b. HACCP procedures protocols/controls.

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7. Stress evaluation on board. Assessment with specific tests of stress levels of the personnel on board ships. Programs of stress reduction/improvement of quality of life on board (telepsychology).

8. MLC 2006 compliance health and hygiene initiatives.

All together these activities are intended to increase the health safety of the ship, reduce the number of medical visits ashore and the route diversions, with parallel reduction of insurance costs.

Actions for improving health-related training of seafarers

The health training and education courses delivered by CIRM for international users are based on the use of a sophisticated e-learning platform and examinations with preparation of certificates can be made via teleconference or Skype.

Courses available include:

- First aid courses;
- HACCP courses for galley personnel;
- Ship Health Manager course for officers (basics of naval hygiene, water control, HACCP control);
- Ship Pharmacy Handler course for officers;
- Coping with stress on board.

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