



SAAB

Maritime Healthcare

Saving lives 24/7



Maritime healthcare design challenges

- Limited space and flexibility of zones
- Integration with essential services
- Operation in varied sea states
- Compliance with maritime standards
- Variable medical capability need
- Extended length of care requirements
- Close-down requirements (CBRN)

Saab capability in Naval Healthcare

- Evaluation of medical requirements
- Clinical workflow optimisation
- Flexible clinical area design
- Integration of medical equipment
- Connection to essential services
- Compliance with regulations
- Sea acceptance testing

Capability

-  Damage Control Resuscitation
-  Damage Control Surgery
-  Management of burns and major trauma
-  Ongoing acute care and stabilisation
-  Primary healthcare including infectious disease outbreaks
-  Evacuation

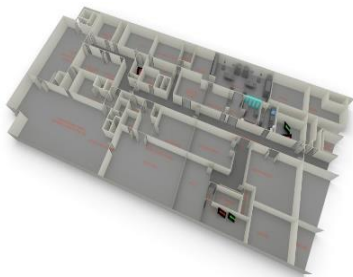
Clinical Areas

-  Emergency and Trauma areas
-  Surgical facilities including dental
-  Critical Care, General Care and Consulting areas
-  Diagnostic Areas (laboratory and radiology)
-  Equipment sterilisation
-  Pharmacy and medical supplies



SAAB

Saab Naval Hospitals deliver the capability to provide lifesaving medical care, whether at sea, in littoral zones or while alongside. Fully scalable to meet the requirements of different missions and customers, our solutions range from facilities to deal with medical emergencies to sophisticated, fit-for-purpose on-board hospitals. Saab is a world leader in naval systems, delivering platforms, integrated systems and sub-systems for the maritime domain. This knowledge and experience puts Saab in a unique position to design and build on-board hospitals that provide world-class clinical care.



Medical Facility Design

- Assessment of clinical needs and required capability.
- Workflow analysis for patient, staff, equipment and supplies.
- Consultation with clinical and technical subject matter experts.
- Preparation of basic conceptual design options.
- Preliminary and detailed design and architectural drawings.
- Clinical acceptance and critical design finalisation.

Integration with Essential Services

- Assessment of power, water and waste requirements.
- Analysis of available essential services.
- Detailed design of services required for medical facilities.
- Integration of medical gas production and distribution capability.
- HVAC specifications with consideration of airflow management
- CBRN air filtration and lockdown area design



Medical Equipment Integration

- Integration of civilian medical equipment for maritime military use.
- Selection medical devices suitable for multiple clinical needs.
- Securing of medical devices to meet naval standards.
- Surgical area design (anaesthesia, laminar flow, surgical lighting).
- Radiology dedicated areas with radiation shielding (X-Ray, CT).
- Critical care devices required for prolonged care at sea.

Other considerations

- Primary healthcare and consulting areas
- Convertible isolation areas
- Compliance with cleaning standards
- Dedicated area for staff and administration
- Local and global regulations and standards
- Supply chain and support optimisation