

Genova / Hamburg, September 4th, 2025

From: Medical Services (CMG) and HR Marine & Training Execution

IMPORTANT NOTICE TO ALL DOCTORS

Dear Doctors

Following the recent communications arrived to your personal e-mail box, we would like to remind that the SONOSIM training for ultrasound will be compulsory from 01/01/2026.

Here is an important information about this training to make this process more efficient and convenient to you.

All Shipboard Doctors are required to complete SonoSim training regardless of any prior training and certification in Ultrasound.

For completion participant should finish 12 modules, pass exams for these modules with a result more than 75 % and upload images for 4 modules. Sonosim training has 96 modules.

They are not all mandatory. Initial training includes only 12 required modules:

Level 1.

- i. How to Take a Course Orientation to SonoSim courses. 5-10 mins
- ii. How to Use the SonoSimulator Orientation to SonoSim probe and Scan element of SonoSim. 5-10 mins
- iii. Fundamentals of Ultrasound Core Clinical: Imaging parameters, modes, infection control, safety 4.75 hours
- iv. eFAST Protocol Core Clinical: RUQ, Cardiac, LUQ, Suprapubic, Lungs. 5.25 hours

- v. DVT – Lower Extremity Core Clinical 4 hours
- vi. Introduction to Ultrasound-Guided Procedures Basic principles, psychomotor skills, and cognitive task awareness 3.25 hours
- vii. How to Practice U/S-Guided Procedures in the SonoSimulator Orientation 10 mins
- viii. Peripheral Venous Access Procedure 3.75 hours
- ix. Ultrasound-Guided Internal Jugular Vein Cannulation Procedure 4.5 hours

Level 2

- i. Ultrasound-Guided Subclavian Vein Cannulation 3.5 hours
- ii. Ultrasound-Guided Femoral Line Placement 4 hours
- iii. Rapid Ultrasound in Shock (RUSH) 5.5 hours

To successfully complete the training you need to complete the Course Material and Pass the Mastery Test not less than 75%

In addition to that please note that for successful completion 4 of the modules the required images should be uploaded. Please find below of these modules:

- Fundamentals of Ultrasound (14 images)
- eFAST Protocol (15 images)
- DVT – Lower Extremity (8 images)
- Rapid Ultrasound in Shock (14 images)

We kindly ask you to please liaise with yevhen.sazonov@carnival-maritime.com to start at least with the online modules.

Many thanks to All for understanding and cooperation.

Your urgent action and follow up is required.