

Priority Needs
of the State Institution Amosov National Scientific Center of Cardiovascular Surgery and Hereditary Pathology of the
National Academy of Medical Sciences of Ukraine
[\(https://amosovinstitute.org.ua/en/\)](https://amosovinstitute.org.ua/en/)

1. Medical equipment

Name of the equipment	Items needed	Estimated price in €	Producer
Electro-anatomical 3D mapping system for electrophysiological procedures and catheter ablations.	1	400 000	Boston scientific (USA)
ICU monitors	50	2000	Fazzini Srl (Italy) https://www.fazzini.it/index.php/en/products/professional-medical-devices/patient-monitors/intensive-care-unit-patient-monitor-6813-6814-detail.html
Ultrasound machine (with transesophageal probe)	1	160 000	Esaote (Italy) https://medexim.ua/catalog/diag/uzd/mylab-x90-detail
Ultrasound machine for prenatal diagnostic	1	120 000	Esaote (Italy) https://www.esaote.com/ultrasound/ultrasound-system/mylab-x9/ Італія
Plasma Fast Defroster WPFD 2/4 plasma defroster	2	10 000	TECNIPLAST S.P.A. (Italy) https://www.kwkw.it/en
Infusions Fluid warmer 20 l	2	5 000	ADVANCED CONCEPTS FOR MEDICAL EQUIPMENT S.R.L. (Italy) https://www.acmeitalia.eu/acme

Multi-Purpose, High-Speed Centrifuges	3	7 000	LabTech S.r.l. (Italy) https://labtechsrl.com/en/products/centrifuges
12-Channel ECG Machine	2	2 000	Cardioline (ECG200+), Progetti (T180) (Italy)
Syring pumps	100	2 500	Canè Medical Technology (serie Crono) (Italy)
Expert Class Intensive Care Ventilator	10	50 000	SIARE ENGINEERING INTERNATIONAL GROUP S.p.A. Italy https://www.siare.it/en/
Video Laryngoscope	5	3 200	MedSniper, Intersurgical (i-view) (Italy)
Binocular Biological Microscope	2	1 700	OPTIKA S.r.l. (Italy) https://www.optikamicroscopes.com/optikamicroscopes/index.php

2. Professional Training / Clinical Fellowship.

Our primary areas of interest include **pediatric cardiac surgery, ECMO services and multidisciplinary ECMO teams, intensive care, minimally invasive technologies in cardiac surgery, and transplantation.** The preferred format would be either a **structured placement within a multidisciplinary team of specialists** or an **individual placement with experienced specialists**, depending on the institutional opportunities and areas of expertise available. The preferred duration of the training is **medium-term, approximately 6–8 months.**

3. Participation in National Congresses and Scientific Conferences

We would also be interested in participating in **national congresses, scientific conferences, and professional educational events** covering the following fields:

- Cardiac surgery;
- Interventional Cardiology;
- Cardiovascular medicine in pregnancy and obstetric cardiology;
- Cardiac electrophysiology;
- Pediatric cardiology;
- Adult cardiology.

Priority Needs
Of the State Institution I. Mechnikov Institute of Microbiology and Immunology National Academy of Medical Sciences of Ukraine
[\(https://imiamn.org.ua/indexUA.html\)](https://imiamn.org.ua/indexUA.html)

Medical equipment

Name of the equipment	Producer	Website
Autoclave	Fedegari, De Lama, Steelco	https://fedegari.com/
Class II Type B Biological Safety Cabinet	BioAir (Tecnilabo), Euroclone, Faster	https://www.faster-air.com/
Inverted Microscope	Optika (IM-3 / IM-300 series)	https://www.optikamicroscopes.com/
CO ₂ Incubator	BioAir (Safegrow), Fratelli Galli	https://www.euroclonengroup.it/
Horizontal Electrophoresis Chamber	— (mainly imported: Consort, Thermo, etc.)	https://www.thistlescientific.com/brands/thistle-scientific-ltd/
Microscopes (digital, fluorescence)	Optika (FLUO series, digital models)	https://www.optikamicroscopes.com/
Laboratory Fermenter / Bioreactor	Solaris Biotech, B.I.I.C. Bianchi, OBM	https://www.solarisbiotech.com/en/bioreactors-fermentors