**Ultrasound Diagnostic System**
Philips EPIQ 5 with a probe set: S12-4, S5-1, L12-5, C5-1
or
Philips Affiniti 70 with a probe set: S12-4, S5-1, L12-5, C5-1

**Desired technical specifications:**

* CW (continuous wave), PW (pulse wave), color, transcranial Doppler (TCD)
* High Pulse Repetition Frequency Doppler (HPRF), Auto Doppler
* Compression elastography and shear wave elastography
* Stress echocardiography and color Doppler mapping (CDM)
* XRES, SonoCT, iSCAN
* nSIGHT, AIUS, Q-Apps, STIC
* CD/DVD
* DICOM

**Magnetic Resonance Imaging System**
**Technical specifications:**

* Field strength — at least 1.5 Tesla
* Bore diameter — at least 60 cm
* Magnet length — at least 155 cm
* Helium consumption — "Zero Helium boil-off technology"
* Shimming — passive, active
* Gradient strength — XF gradients (33 mT/m at 125 T/m/s)
**Recommended models:** SIEMENS MAGNETOM AMIRA, Philips Prodiva 1.5 T CX

**For the Intensive Care and Operating Unit:**

* Anesthesia patient monitor with pediatric and adult sensors (HR, BP, capnography, depth of anesthesia (BIS), anesthetic gas monitoring (sevoflurane, nitrous oxide)) — BIS Vista type – 1 unit
* Portable vein visualizer – 2 units

**For the Neonatal Intensive Care Unit with Post-Intensive Care Beds:**

* High-frequency oscillatory ventilator SensorMedics 3100

**For the Clinical Diagnostic Laboratory:**

* Hot air sterilizer up to 200 m³ volume (GP-160) – 1 unit
* Ultra-low temperature medical freezer 50 L (-10 to -86°C) – 1 unit
* Medical freezer cabinet up to 140 L (-10 to -25°C) – 1 unit
* Pharmaceutical (laboratory) refrigerator 75 L (+2 to +8°C) without glass – 1 unit
* Pharmaceutical (laboratory) refrigerator 395 L (+2 to +8°C) without glass – 4 units
* Urine analyzer – 1 unit
* Flow cytometer – 1 unit

**For the Central Sterilization Department:**

* Steam sterilizer (autoclave) Sterivap SL SPSL 6612-2ED – 2 units
* Low-temperature hydrogen peroxide sterilizer Hyper LTS 150-2 – 1 unit
* Washer-disinfector Uniclean PL II 10-2EL – 2 units
* Heat sealer for sterile instruments – 1 unit

**For the Oncohematology Department:**

* Immunochemiluminescent analyzer Architect i1000SR

**For the Ophthalmology Department:**

* High-frequency radio wave surgical unit Dr.Oppel ST-501
* Spectral optical coherence tomograph Huvitz HOCT-1
* Automatic perimeter Huvitz HVF-100
* Digital automatic phoropter Huvitz HDR-7000 – 3 units
* Automatic tono/refracto/kerato/pachymeter Huvitz HTR-1A
* Direct ophthalmoscope HEINE beta-200
* Binocular indirect ophthalmoscope Heine Omega 600
* Retinoscope HEINE beta 200 – 3 units
* Synoptophore Oculus
* Maculotester MTP-2
* Electro-ophthalmic stimulator PHOSPHEN-M
* Ophthalmoscopic lens Volk 14D, 20D, 28D, 90D
* Eyelid speculum, small and large – 5 units
* Conjunctival scissors – 10 units
* Corneal forceps – 10 units
* Conjunctival forceps – 10 units
* Ophthalmic needle holder – 10 units
* Straight tying forceps – 5 units
* Automatic keratorefractometer TOPCON (Japan)
* Lensmeter Huvitz HLM – 2 units

**For the Department for Children with Organic CNS Lesions and Mental Disorders:**

* Computerized electromyography (EMG) system

**For the Surgical Department:**

* Single-channel electrosurgical generator Covidien Ligasure Valleylab LS10
* Electrosurgical instrument Covidien Ligasure Atlas Tissue Fusion LS1020

**For the ENT (Otolaryngology) Department:**

* Davis-Boyle mouth gag with 5 spatulas (R-DB)
* Endoscope set, diameter 2.7 mm, viewing angles 0°, 30°, 45°
* Endoscope set, diameter 3.0 mm, viewing angles 0°, 30°, 45°, 70° for endoscopic tower Karl Storz (manufacturing date: 04.08.2022)
* ENT workstation MEDSTAR UE-3000 or modular ENT workstation ATMOS S 61 Servant
* ENT surgical shaver system HAWK YSBII