

The Interventional Radiology Service is established by Ultrasound Education and Research Centre "GEOJEFF" at Tbilisi State Medical University Central Clinic.

Director of Interventional Radiology Service is **Professor Malkhaz Mizandari - Chairperson of Georgia OGASH Board, Correspondent-Member of IAMSS, Correspondent - Member of World OGASH Board.**

This Service performs Ultrasound Guided Diagnostic and Imaging Guided (Ultrasound and Combined Ultrasound-X-Ray Guidance) Low-Invasive Treatment Procedures.

**The Diagnostic Procedures** – fine needle and core biopsy under real-time ultrasound control using **percutaneous** approach is performed to abdominal organs (liver, pancreas, kidney, adrenal, retroperitoneal masses), breast, thyroid, soft tissues; **rectal** and **vaginal** approach is used for organs of small pelvis (ovary, tube, prostate, Douglas pouch)

**The Treatment Procedures** are performed under real-time Ultrasound or Combined Ultrasound-X-Ray control.

**Ultrasound Guidance** – aspiration, rinsing, sclerotherapy procedures using **percutaneous approach** - abdominal organs (liver, pancreas, kidney, adrenal, retroperitoneal masses), breast, thyroid, soft tissues, subcutaneous neural plexus (for anesthesia); **rectal** and **vaginal** approach is used for organs of small pelvis (ovary, tube, ectopic pregnancy, prostate, Douglas pouch).

**Combined Ultrasound-X-Ray Guidance** – drainage procedures using percutaneous approach is performed to abdominal organs, intra and retroperitoneal fluid collections, soft tissues (cholangiostomy, cholecystostomy, nephrostomy, pancreatic and other intra and retroperitoneal fluid collections drainage); Portal Vein Thrombus Mechanical Destruction and Catheter-Directed Local Thrombolysis.

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