

**The Interventional Radiology Service IAMSS OGASH  
Ultrasound Education and Research Centre “GEOJEFF”  
(DIRECTOR PROF. MALKHAZ MIZANDARI)**

Professor-Consultant of Interventional Radiology Service  
of National Center for the Study of Pathophysiology of Pregnancy & Fetus, Tbilisi, Georgia  
[http://www.gestosis.ge/eng/26\\_7.php](http://www.gestosis.ge/eng/26_7.php)  
Chairperson of Georgia OGASH Board;  
Correspondent Member of World OGASH Bord  
Correspondent Member of IAMSS  
General Expert of OGASH MPISR Laboratory named after Dr.Ernst Rippmann  
[http://www.gestosis.ge/eng/26\\_8.php](http://www.gestosis.ge/eng/26_8.php)

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.

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

**Since 2006 “GEOJEFF” Centre and Interventional Radiology Service of TSMU Central Clinic Interventional Radiology Service collaborates with Organization Gestosis Affiliated and Sponsored Hospitals (OGASH).**

Interventional Radiology Service is ready to start Electro-Chemical Therapy (ECT) and Radio-Frequency Ablation (RFA)

The Ultrasound Education and Research Centre “GEOJEFF” – the Affiliated Centre of Jefferson Ultrasound Research and Education Institute (JUREI) of Thomas Jefferson University (Philadelphia, PA, USA) is established in 1998. From the very beginning “GEOJEFF” Centre operates in strong collaboration with Tbilisi State Medical University (TSMU). Since 2006 “GEOJEFF” Centre collaborates with Organization Gestosis Affiliated and Sponsored Hospitals (OGASH).

“GEOJEFF” Centre operates the post-graduate training in Diagnostic and Interventional Ultrasound for Medical Doctors.

The training starts with basic 12 week postgraduate Certificate Program in Diagnostic Ultrasound entitled “General Course in Diagnostic Ultrasound”, which might be followed (if required) by fellowship to get deeper knowledge and practical skills in definite spheres of Diagnostic and Interventional Ultrasound. During the whole training period the program participants are allowed to use the comprehensive educational material of “GEOJEFF” Centre; from the very beginning of the program they attend and, after the basic training course completion, perform clinical examinations and participate in ultrasound guided interventions.

The training program includes the following spheres of Ultrasound:

Physics and Instrumentation

Abdomen

Ob/Gyn

Small Parts

Echocardiography

Vascular and Neurological Ultrasound

Musculoskeletal Ultrasound

Interventional Ultrasound (Percutaneous, Rectal and Vaginal Diagnostic and Low-Invasive Treatment Procedures)

“GEOJEFF” Centre is provided with modern diagnostic and education equipment, comprehensive education material and operates in Georgian, Russian and English. “GEOJEFF” Centre is located at TSMU Central Clinic.

Policy Statements:

Required attendance – 90% of educational time

Policies of students selection – the main rule is nondiscrimination of the applicants. Admittance decision is made by Medical Director and Program Manager together. Sufficient knowledge of Georgian, Russian or English is required

Objectives for the program – sufficient theoretic knowledge and technical skills of program students. Test control of the 12 week basic certificate program – pre and post test examinations are provided by Jefferson University. If successfully passed the post-test (70% and more correct answers) the program graduate is awarded The Certificate of Commendation issued by JUREI and “GEOJEFF” Centre. If the graduate fails passing post test, he (she) gets the Certificate of Attendance issued by “GEOJEFF” Centre. After the completion of the whole program the participant is awarded the “GEOJEFF” Centre certificate representing the practical skills of participant.

Required Documentation:

Medical Doctor Diploma; filled “GEOJEFF” Centre Application Form with passport size photo; Passport photocopy  
note: documentation for visa issuing is not in above mentioned list

Contact

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WEB site - <http://www.tju.edu/jurei/affiliate/georgia.cfm>

M.Mizandari, MD., PhD.

Professor of Radiology

Medical Director - “GEOJEFF”- Ultrasound Education and Research Centre

Continuing Medical Education (CME)

provided by World OGASH Board:

75 IAMSS credits.