

**5. HAMBURGER DEGUM REFRESH COURSE
ULTRASOUND GUIDED REGIONAL
ANAESTHESIA/NEURO-SONOGRAPHY/
IN GEORGIEN, TIFLIS,
November 09.2024 – November 10.2024**



AMERICAN HOSPITAL TIFLIS

**DEGUM/GERMAN SOCIETY OF ULTRASOUND MEDICINE
CERTIFICATE/**

**ORGANISATOR, SCIENCE DIRECTOR -CHIEF MEDICAL
OFFICER DR. IRAKLI GOGOKHIA**

**COURSE LEADER: DR. MED SERGEJ WAGNER, DEGUM II
COURSE DIRECTOR, DGAI AFS-CERTIFICATE, GERMANY**

SCIENCE SECRETARY TAMAR DEVDARIANY

Day 1. FRIDAY, 9.11. 2024, Time: 8:00 a.m. – 7:30 pm

08:00-08:15	Welcome/General information	Dr. Wagner & Team
08:15-08:45	Basic principles of ultrasound technology shortly	Lecture: Dr. Wagner
08:45-09:15	Different modes, Image optimization, Ultrasound anatomy: Tendon, Nerve, Muscle, Vessel, Bone, Air, Fluid, Artifacts	Dr. Wagner
09:15-10:00	Hands-on	Scanning (models): Team
10:00-10:15	COFFEE-BREAK	
10:15-10:45	Ventral parts of the cervical plexus: Area nervosa, N. auricularis magnus, Nn. supraclaviculares, N. phrenicus. Ultrasound Anatomy, Indication, Blocks	Lecture: Dr. Wagner
10:45-11:30	Ultrasound guided regional anesthesia of upper limb (above clavicle) Pl.brachialis: supraclavicular and infraclavicular nerve branches of the brachial plexus (N. dorsalis scapulae, N. thoracicus longus, N. suprascapularis, Nn. pectorales), N. intercostobrachialis, anatomical nerve pathways in the forearm	Lecture: Dr. Wagner, Dr. Masjukov
11:30-12:15	Hands-on	Scanning (models): Team
12:15-12:45	Ultrasound guided regional anesthesia of upper limb (below clavicle)	Lecture: Dr. Wagner,
12:15-13:00	Selective nerve blocks of the forearm	Lecture: Dr. Masjukov
13:00-14:00	Hands-on	Scanning (models): Team
14:00-15:00	LUNCH-BREAK	
15:00-15:45	Interfascial Plane Blocks: mechanism of LA Spread Different approach options for the posterior, anterior and lateral chest wall Block. Blocks on the chest wall: PECs I-II, Serratus A/P, Parasternal, Intercostal Blocks, BRILMA Blocks, etc.	Lecture: Dr. Wagner
15:45-16:15	Erector Spine Block (ESPB) and other Paraspinal Blocks	Lecture: Dr. Wagner
16:15-17:15	Hands-on	Scanning (models): Team
17:45-18:15	Sonoanatomy of the abdominal wall: Different approach techniques for the fascial plane block of the anterior and lateral abdominal wall. Blocks on the abdominal wall (TAP, TAPA, MTAPA, QLB, Rectus Sheath, Ilioinguinal/Iliohypogastric etc.)	Lecture: Dr. Wagner
18:15-19:00	Hands-on	Scanning (models): Team
19:00-19:30	Questions and Answers, “Blocks for free”	Team

Day 2. SATURDAY, 10.11.2024, Time: 8:00 a.m. – 6:30 pm

08:00-08:45	Anatomy of lumbal Plexus Sonoanatomy of the lumbal Plexus. Blocks of the lower limb. Approach techniques of the psoas compartment block and the quadratus lumborum muscle:	Lecture: Dr. Wagner
08:45-09:30	Hands-on	Scanning (models): Team
09:30-10:15	PENG Block, Fascia Iliac Block, Selective Blocks of the hip, Femoral Triangle Blocks and Adductor canal Blocks,	Lecture: Dr. Wagner
10:15-11:00	Hands-on	Scanning (models): Team
11:00-11.15	COFFEE-BREAK	
11:15-12:00	Anatomy, Sonoanatomy of the Plexus sacralis: Sciatic Nerve Blocks: Proximal approach technique: parasacral, transgluteal Para sacral, Trans gluteal, Sub gluteal, Anterior Block, etc... Concepts for surgery on the hip	Lecture: Dr. Wagner, Dr. Masjukov
12:00-13:00	Hands-on	Scanning (models): Team
13:00-13:45	LUNCH-BREAK	
13:45-14:30	Concepts for surgery on the knee: Femoral Block, Saphenous (Adductor Canal) Block, Sciatic Block, iPACK	Lecture: Dr. Wagner, Dr. Masjukov
14:30-15:30	Hands-on	Scanning (models): Team
15:30-15:45	COFFEE-BREAK	
15:45-16:15	Selective blocks on the lower leg and foot	Lecture: Dr. Masjukov
16:15-17:00	Hands-on	Scanning (models): Team
17:00-17:30	Local anesthetics update	Lecture: Dr. Wagner
17:30-18:15	Questions and Answers, “Blocks for free”	Team
18:15-18:30	Workshop Evaluation and Certification	Team
18:30	From 6:30 p.m. on there will be a Come together for ending the day in a relaxed atmosphere	Organiser

CONCEPT AND IDEA: GEORGIEN SCHOOL OF ULTRASOUND IN REGIONAL ANESTHESIA AND PAIN MEDICINE & DEGUM/GERMAN SOCIETY OF ULTRASOUND MEDICINE& DGAI/GERMAN SOCIETY OF ANESTHESIA AND INTENSIVE MEDICINE/

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