



Advanced Medical Technology Education Center

Discere.Noscere.Tenere
Teach.Learn.Master

FOREWORD

By Airat Farrakhov, MD
Deputy Minister of Health Care of the Russian Federation



Dear friends!

Providing extensive public access to advanced medical care is one of the major tasks our medicine is currently facing. The government invests heavily in purchasing of new equipment, specialized medical centers are being established throughout the country. However, there has to be something beyond mere technology to cure a person. Even a perfect surgical device can do nothing without being managed with a skilled hand of a professional doctor.

Therefore, our task is to learn how to adopt and use advanced technologies so that hundreds and thousands of patients they would benefit every day.

Advanced Medical Technology Education Center was created to solve this problem. Practicing surgeons can receive an advanced training in a number of minimally invasive surgical disciplines and master practical skills on unique computer simulators. For the health care administrators the Center has developed a course on Health Economics that is focused on advanced technologies adoption and management. Our center has created a one-of-a-kind training program for nursing staff, since the patient's recovery depends on nurses skills and experience as much as on physicians level of expertise.

So, I am proud to present to you the Kazan Advanced Medical Technology Education Center. Welcome dear colleagues!

Deputy Minister of Health Care of the Russian Federation,
 Honorary Doctor of the Republic of Tatarstan, MD,
 Chairman of the Board of Advanced Medical Technology Education Center,
Airat Farrakhov

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PARTNERS

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WELCOME INFO



Noncommercial Partnership “Advanced Medical Technology Education Center” is the first and unique example of true private-public partnership in the field of medical education in Russia. It was founded in 2007 by Ministry of Health Care of the Republic of Tatarstan and leading corporation Johnson & Johnson Medical with support of Government of the Republic of Tatarstan and opened in February 2008.

The Center was created to set new standards of postgraduate medical education and to assure the continuity of advanced medical technology implementation.

Medical training courses and workshops

Training for practicing surgeons on virtual computer simulators and organ models, in-depth classroom training with access to key global publications and databases, possibility to share experiences with leading foreign and Russian experts significantly reduces the risk of fatal errors and postoperative complications. Trainees of the Center are provided with a unique opportunity to perform surgical interventions in fully equipped Dry Lab, Sim Lab and Wet Lab, as well as the ability to work in the Cadaver laboratory and Arth Lab. Thanks

to this approach, graduates of the Kazan Center receive an invaluable experience of independent manipulations and objective assessment of their professional skills. Increasing the availability of the most effective treatments, optimizing costs and improving service quality is the major goal on a national level.

Organizational services

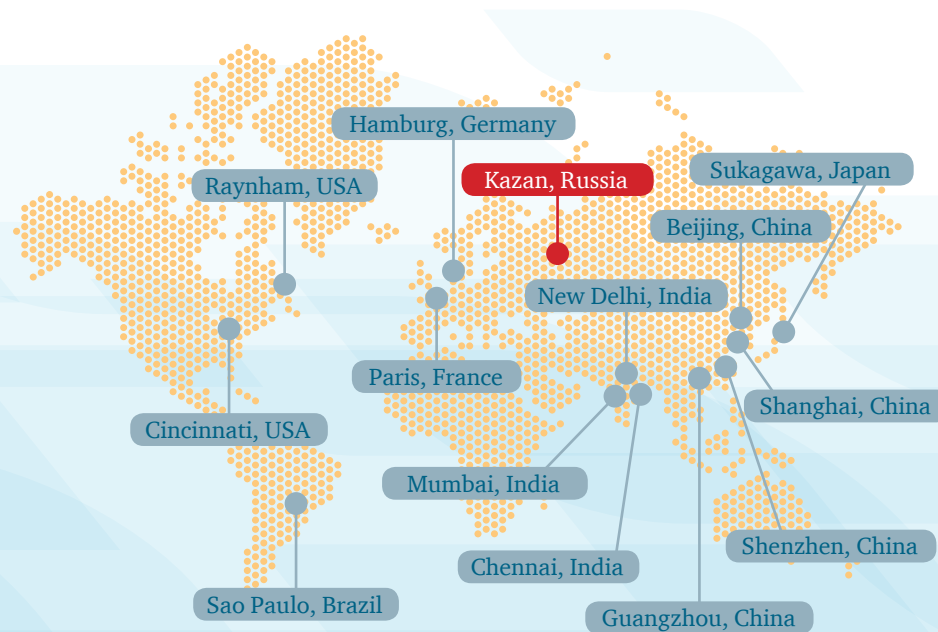
Our high quality conference space offers a variety of meeting rooms, including our 250 seat auditorium, spacious and light open foyers, and Lunch Hall. We provide the ideal ambience and inviting atmosphere to welcome our guests, whether they are planning trainings, symposia, team meetings or business events.

International observerships

To facilitate collaboration among professionals around the world, we offer our International Observership Programs. Participants will engage in various clinical and educational activities in the area of their choice at world leading clinics and medical centers of the United States, Europe, Israel and other countries. The program includes observing patient care, taking part in medical rounds, seminars on host country healthcare system and interaction with leading foreign Professors and experts.

info@kazanmedcenter.com

INTERNATIONAL EXPERIENCE



AMTEC is the first project in the field of postgraduate medical education in Russia created according to the world's standards. The Center yet is a unique example of a private-public partnership. Johnson & Johnson Corporation has become the key partner to the government in bringing its deep expertise and international best practices to make this project happen. By now the Company has established more than 20 research and educational institutes all over the world, located in the USA, Germany, France, India, China, Japan and Brazil. J&J experience in establishing training centers, educational process development and project management expertise were fully applicable to AMTEC. Having one of the world's leading healthcare manufacturers as a partner, AMTEC has developed and implemented the most progressive medical training programs for healthcare professionals. All courses are held in the best in class training facilities and the programs are delivered by the distinguished faculty of locally and internationally renowned health care practitioners.

UNIQUE EDUCATIONAL OFFER

Modular system of education

Involvement of state-of-the-art equipment, highly experienced academic staff and advanced teaching methods allows to apply multi-step modular approach to each education program. It includes theoretical sessions and discussions as well as improving practical skills at our Labs.

Best in class infrastructure

- **Sim Labs** equipped with a wide variety of simulators: laparoscopic surgical simulators for practicing skills in general surgery, coloproctology, gynecology and other fields of modern minimally invasive surgery, endovascular surgical simulator, premature newborn simulators.
- **Dry Lab and Wet Lab**
 - 5 operating tables with box simulators in Dry Lab
 - 5 operating tables in Wet Lab with complex of modern anesthetic equipment
 - HD optics endoscopic equipment
 - Tissue and organ models of biological and synthetic materials, suturing devices, access tools, ultrasonic scalpels, electro-surgical devices
- **Arth Lab and Cadaver Lab** are equipped with endoscopic equipment, instruments and devices allowing to perform interventions on shoulder, hip and knee and smaller joint models.
- **Cath Lab** is equipped with X-ray and an operating table.

Faculty

The teaching in the Center is performed by leading experts of foreign and Russian clinical and scientific centers with a worldwide recognition. This allows to attract the best practicing professionals and to adjust the program to the audience requests and learning objectives. For trainees it is the best way to study the views of various medical schools for a certain problem within 1 cycle.

License

All AMTEC medical training courses are licensed by the Ministry of Education and Science of the Republic of Tatarstan.

MEDICAL TRAINING COURSES: Disciplinary overview

■ Endoscopic Surgery:

- Manual skills in Endoscopic Surgery. Basic course
- Manual skills in Endoscopic Surgery. Advanced course
- Manual skills in Endoscopic Thoracic Surgery
- Manual skills in Endoscopic Surgery in Gynecology
- Manual skills in Endoscopic Surgery in Urology
- Video-assisted Endoscopic Surgery in Gynecology
- Video-assisted Endoscopic Surgery in Urology
- Video-assisted Endoscopic Surgery in Coloproctology
- Video-assisted Thoracic Surgery
- Video-assisted Abdominal Endoscopic Surgery

■ Interventional Surgery:

- Interventional Methods of Diagnosis and Treatment: Coronary Arteries
- Interventional Methods of Diagnosis and Treatment: Peripheral Arteries

■ Nursing:

- Nursing in Endoscopic Surgery

- Nursing in Interventional Surgery
- Nursing in Orthopaedics

■ Traumatology and Orthopaedics:

- Arthroscopy of the Knee Joint: from Diagnosis to Anterior Cruciate Ligament (ACL) Reconstruction
- Innovative Technologies of the Shoulder Joint Arthroscopic Treatment
- The Shoulder Joint Endoprosthetic Replacement
- Complex Primary Total Hip Replacement
- Complex Primary Total Knee Replacement

■ Neonatal Intensive Care

Workshops:

- Patient Blood Management via Advanced Haemostatics in Neurosurgery, Cardiac & General Surgery
- Innovative Technologies of Sinusitis Endoscopic Treatment
- Pelvic Floor Surgery
- Endometrial Pathology Treatment

You can choose one of our courses, held at fixed dates at the AMTEC. These courses follow a predefined course agenda and are led by our experienced teachers. There is a fixed course fee per participant for these courses. If you wish to run a particular course that is not listed in our brochure, just let us know your requirements and we will manage your request every step of the way.

We will help to set the course agenda, arrange appropriate faculty, provide cutting edge technology and facilities and handle all logistical arrangements.

There is a course fee upon request.

Detailed courses agenda, courses dates and fee: www.kazanmedcenter.com

MEDICAL TRAINING COURSES: Endoscopic Surgery



Manual Skills in Endoscopic Surgery. Basic course



Course agenda:

Theoretical session on:

- Positioning and port placement
- Laparoscopic cholecystectomy
- Laparoscopic appendectomy
- Principles of emergency surgery
- Principles of video-assisted operating techniques in thoracic surgery
- Managing complications

Practical training on tissue models:

- Laparoscopic suturing and clipping techniques

Practical training on organ models:

- Cholecystectomy
- Appendectomy
- Dissecting and mobilizing tissue

Duration: 6 days

Training goal: by the end of this course the surgeon feels more comfortable with general laparoscopic skills (suturing, clipping, dissecting, mobilizing tissue)

Participant profile: the surgeon who has already assisted in laparoscopic procedures and wants to improve his basic knowledge and laparoscopic skills

Number of participants: max. 10



Manual Skills in Endoscopic Surgery. Advanced course



Course agenda:

Theoretical session on:

- Complicated laparoscopic cholecystectomy
- Pancreatoduodenectomy
- Gastrectomy, splenectomy, adrenalectomy
- Liver suturing, liver packing
- Hernia repair
- Hand-assistant operating techniques
- Managing complications

Practical training on tissue models:

- Laparoscopic suturing and clipping techniques

Practical training on organ models:

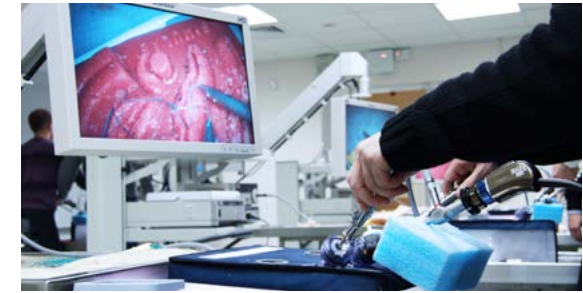
- Knotting and Tying
- Dissecting and mobilizing tissue
- Anastomosis

Duration: 6 days

Training goal: by the end of this course the surgeon improves his theoretical and practical skills in laparoscopic surgery

Participant profile: the surgeon who has experience in laparoscopic surgery and who has already performed at least 50 basic laparoscopic procedures in general surgery independently

Number of participants: max. 10



Manual Skills in Endoscopic Thoracic Surgery



Course agenda:

Theoretical session on:

- Principles of video-assisted operating techniques in thoracic surgery
- Positioning and port placement
- Wedge resection
- Lung volume reduction
- Pleurectomy, lymphadenectomy
- Pericardial window
- VATS Lobectomy
- Malformations of the lung
- Managing complications

Practical training on tissue models:

- Laparoscopic suturing and clipping techniques

Practical training on organ models:

- Wedge resection
- VATS lobectomy
- Pneumonectomy

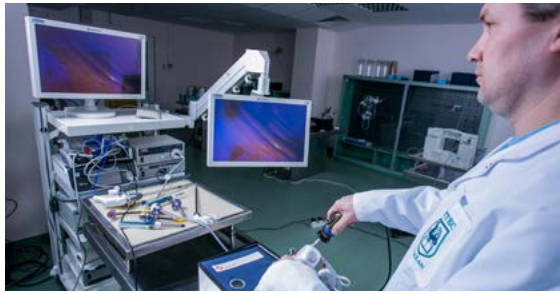
Duration: 6 days

Training goal: by the end of this course the surgeon improves his theoretical and practical skills in video-assisted thoracic surgery

Participant profile: the surgeon who has already assisted in laparoscopic procedures and wants to improve his basic knowledge and skills in video-assisted thoracic surgery

Number of participants: max. 10

MEDICAL TRAINING COURSES: Endoscopic Surgery



Manual Skills in Endoscopic Surgery in Gynecology



■ Course agenda:

Theoretical session on:

- Positioning and port placement
- Ovaryectomy
- Treatment of ectopic pregnancy
- Fimbrioplasty
- Lymphadenectomy
- Hysterectomy
- Hysteroscopy
- Managing complications

Practical training on tissue models:

- Laparoscopic suturing and clipping techniques

Practical training on organ models:

- Ovaryectomy
- Lymphadenectomy
- Hysteroscopy

■ Duration: 6 days

■ **Training goal:** by the end of this course the surgeon improves his theoretical and practical skills in performing laparoscopic gynecological procedures

■ **Participant profile:** the surgeon who has already assisted in laparoscopic procedures and wants to improve his basic knowledge and skills in laparoscopic gynecological procedures

■ **Number of participants: max. 10**



Manual Skills in Endoscopic Surgery in Urology



■ Course agenda:

Theoretical session on:

- Positioning and port placement
- Partial renal resection
- Nephrectomy
- Pyeloplasty
- Prostatectomy
- Hand-assistant operating techniques in urology
- Managing complications

Practical training on tissue models:

- Laparoscopic suturing and clipping techniques

Practical training on organ models:

- Partial renal resection
- Nephrectomy

■ Duration: 6 days

■ **Training goal:** by the end of this course the surgeon improves his theoretical and practical skills in performing laparoscopic urological procedures

■ **Participant profile:** the surgeon who has already assisted in laparoscopic procedures and wants to improve his basic knowledge and skills in laparoscopic urological procedures

■ **Number of participants: max. 10**



MEDICAL TRAINING COURSES: Endoscopic Surgery



Video-assisted Endoscopic Surgery in Gynecology S D W

■ Course agenda:

Theoretical session on:

- Positioning and port placement
- Ovaryectomy
- Lymphadenectomy
- Treatment of ectopic pregnancy
- Hysterectomy
- Managing and treatment of the complications

Practical training on animate models:

- Ovaryectomy
- Lymphadenectomy
- Treatment of ectopic pregnancy
- Hysteroscopy

■ Duration: 2 days

■ **Training goal:** by the end of this course the surgeon perfects his theoretical and practical skills in performing gynecological procedures

■ **Participant profile:** the surgeon who has already performed laparoscopic procedures in general surgery independently and wants to perfect his knowledge and skills in gynecological surgery procedures under professional guidance

■ **Number of participants: max. 10**



Video-assisted Endoscopic Surgery in Urology S D W

■ Course agenda:

Theoretical session on:

- Positioning and port placement
- Mobilization of ureters
- Partial renal resection
- Nephrectomy
- Lymphadenectomy
- Prostatectomy
- Adrenalectomy
- Managing and treatment of the complications

Practical training on animate models:

- Partial renal resection
- Nephrectomy
- Lymphadenectomy
- Prostatectomy
- Adrenalectomy

■ Duration: 2 days

■ **Training goal:** by the end of this course the surgeon perfects his theoretical and practical skills in performing urological procedures

■ **Participant profile:** the surgeon who has already performed laparoscopic procedures in general surgery independently and wants to perfect his knowledge and skills in urological surgery procedures under professional guidance

■ **Number of participants: max. 10**



Video-assisted Endoscopic Surgery in Coloproctology S D W

■ Course agenda:

Theoretical session on:

- Sigmoidectomy
- Rectal resection
- Colostomy
- Low anterior resection
- Managing and treatment of the complications

Practical training on animate models:

- Sigmoidectomy
- Rectal resection
- Colostomy
- Low anterior resection

■ Duration: 2 days

■ **Training goal:** by the end of this course the surgeon perfects his theoretical and practical skills in performing colorectal procedures

■ **Participant profile:** the surgeon who has already performed laparoscopic procedures in general surgery independently and wants to perfect his knowledge and skills in colorectal surgery procedures under professional guidance

■ **Number of participants: max. 10**

MEDICAL TRAINING COURSES: Endoscopic Surgery



Video-assisted Thoracic Surgery



■ Course agenda:

Theoretical session on:

- Mediastinoscopy
- Wedge resection
- Lung volume reduction
- Pleurectomy
- Lymphadenectomy
- Pericardial window
- VATS lobectomy
- Pneumonectomy
- Managing and treatment of the complications

Practical training on animate models:

- Wedge resection
- VATS lobectomy
- Pneumonectomy
- Lymphadenectomy

■ Duration: 2 days

■ **Training goal:** by the end of this course the surgeon perfects his theoretical and practical skills in performing thoracic procedures

■ **Participant profile:** the surgeon who has already performed laparoscopic procedures in general surgery independently and wants to perfect his knowledge and skills in thoracic surgery procedures under professional guidance

■ **Number of participants: max. 10**



Video-assisted Abdominal Endoscopic Surgery



■ Course agenda:

Theoretical session on:

- Fundoplication, Gastroenterostomy
- Gastroectomy
- Duodenal ulcer
- Splenectomy
- Hernia repair
- Managing and treatment of the complications

Practical training on animate models:

- Fundoplication, Gastroenterostomy
- Gastroectomy
- Splenectomy
- Suturing of duodenal ulcer
- Hernia repair

■ Duration: 2 days

■ **Training goal:** by the end of this course the surgeon perfects his theoretical and practical skills in performing laparoscopic procedures

■ **Participant profile:** the surgeon who has already performed laparoscopic procedures in general surgery independently and wants to perfect his knowledge and skills in laparoscopic surgery procedures under professional guidance

■ **Number of participants: max. 10**



MEDICAL TRAINING COURSES: Traumatology and Orthopaedics



Arthroscopy of the Knee Joint: from Diagnosis to Anterior Cruciate Ligament (ACL) Reconstruction



■ Course agenda:

Theoretical session on:

- Knee joint anatomy
- ACL reconstruction techniques
- Instruments and technical equipment
- Managing complications

Practical training in Arth Lab:

- Arthroscopic manipulations (ACL reconstruction) on knee joint models

Practical training in Cadaver Lab

- **Duration: 4 days**
- **Training goal:** by the end of this course the surgeon feels more comfortable with ACL reconstruction of the knee joint
- **Participant profile:** the surgeon who has already assisted in arthroscopic procedures and wants to improve his basic knowledge and arthroscopic skills of the knee joint's ACL reconstruction
- **Number of participants: max. 8**



Innovative Technologies of the Shoulder Joint Arthroscopic Treatment



■ Course agenda:

Theoretical session on:

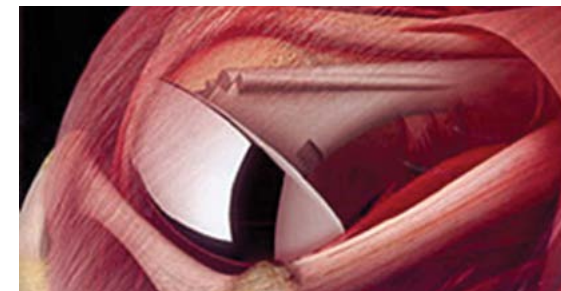
- Shoulder joint anatomy
- Shoulder joint instability
- Rotary cuff injuries
- Instruments and technical equipment
- Managing complications

Practical training in Arth Lab:

- Arthroscopic manipulations on shoulder joint models

Practical training in Cadaver Lab

- **Duration: 3 days**
- **Training goal:** by the end of this course the surgeon feels more comfortable with shoulder joint arthroscopic procedures
- **Participant profile:** the surgeon who has already assisted in arthroscopic procedures and wants to improve his basic knowledge and skills of the shoulder joint arthroscopy
- **Number of participants: max. 8**



The Shoulder Joint Endoprosthetic Replacement



■ Course agenda:

Theoretical session on:

- Shoulder joint anatomy and biomechanics
- Accesses: merits and demerits
- Endoprosthetic replacement of shoulder joint procedures
- Instruments and technical equipment
- Managing complications

Practical training in Arth Lab: endoprosthetic replacement of shoulder joint performed on joint models

- **Duration: 3 days**
- **Training goal:** by the end of this course the surgeon feels more comfortable with endoprosthetic replacement of the shoulder joint
- **Participant profile:** the surgeon who has already performed shoulder joint endoprosthetic replacement procedures independently (at least, 2-years experience) and wants to improve his knowledge and skills in this field
- **Number of participants: max. 13**

MEDICAL TRAINING COURSES: Traumatology and Orthopaedics



Complex Primary Total Hip Arthroplasty (THA)



Course agenda:

Theoretical session on:

- Different types of approaches
- Tribology
- Cemented and cementless implants
- THA in complex cases (dysplasia, deformity, protrusion)
- Managing complications
- Rehabilitation after THA

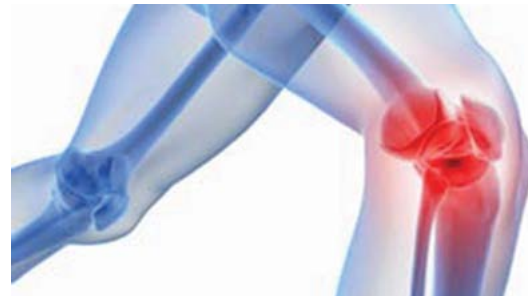
Practical training in ArthLab and CadaverLab

Duration: 2 days

■ **Training goal:** by the end of this course the surgeon improves his knowledge in treatment complex hip cases

■ **Participant profile:** Orthopaedics surgeon who has already performed orthopaedical procedures on hip joint independently and wants to improve his knowledge and skills in this field

■ **Number of participants: max. 35**



Complex Primary Total Knee Arthroplasty (TKA)



Course agenda:

Theoretical session on:

- Modern concepts in knee arthroplasty
- Crucial resection and retaining options
- Partial knee
- Managing complications
- Rehabilitation after TKA

Practical training in ArthLab:

- Using navigation system for TKA

Practical training in CadaverLab

Duration: 2 days

■ **Training goal:** by the end of this course the surgeon improves his knowledge in treatment complex knee cases

■ **Participant profile:** Orthopaedics surgeon who has already performed Orthopaedical procedures on knee joint independently and wants to improve his knowledge and skills in this field

■ **Number of participants: max. 25**

MEDICAL TRAINING COURSES: Neonatal Intensive Care



Neonatal Intensive Care



Course agenda:

Theoretical session on:

- Prematurely born intensive care
- Medicaments, instruments and technical equipment
- Managing complications
- Ethical problems

Practical training in Sim Lab:

- External cardiac massage
- Endotracheal intubation
- Working with clinical scenarios

Duration: 3 days

■ **Training goal:** by the end of this course doctors and staff should feel more comfortable in performing intensive care procedures in prematurely borns

■ **Participant profile:** Neonatologists and Intensive Care Dept. staff who want to improve their basic knowledge and practical skills in prematurely born intensive care procedures

■ **Number of participants: max. 12**



– Sim Lab



– Dry Lab



– Wet Lab



– Arth Lab



– Cadaver Lab

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MEDICAL TRAINING COURSES: Nursing



Nursing in Endoscopic Surgery



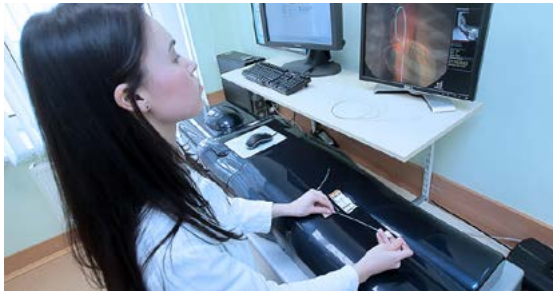
■ Course agenda:

Theoretical session on:

- nursing under legal aspects
- nursing documentation
- basic knowledge and tasks of a multi-disciplinary OR team
- epidemiological safety
- preparing of technical equipment
- instruments of minimally invasive operating techniques
- introduction to electrosurgery and science of tissue management

Practical training on various models:
basic laparoscopic skills

- **Duration: 5 days**
- **Training goal:** by the end of this course nurses perfect their assisting skills in laparoscopic surgery, in legal aspects of nursing care and in working as a team
- **Participant profile:** OR staff who wants to extend their knowledge of assisting in laparoscopic surgery, in legal aspects of nursing care and in working as a team
- **Number of participants: max.15**



Nursing in Interventional Surgery



■ Course agenda:

Theoretical session on:

- nursing under legal aspects
- nursing documentation
- basic knowledge and tasks of a multi-disciplinary Cath Lab team
- preparing of technical equipment, instruments and medical supplies

Practical training in Sim Lab:
endovascular manipulations on various arteries

- **Duration: 4 days**
- **Training goal:** by the end of this course nurses perfect their assisting skills in endovascular surgery, in legal aspects of nursing care and in working as a team
- **Participant profile:** Cath Lab staff who want to extend their knowledge of assisting in endovascular surgery, in legal aspects of nursing care and in working as a team
- **Number of participants: max.15**



Nursing in Ortopaedics



■ Course agenda:

Theoretical session on:

- nursing under legal aspects
- nursing documentation
- basic knowledge and tasks of a multi-disciplinary Orthopaedics team
- preparing of technical equipment and medical supplies
- instruments for total hip and knee joints replacement

Practical training in Arth Lab: team work under professional guidance

- **Duration: 2 days**
- **Training goal:** by the end of this course nurses feel more comfortable performing orthopaedic procedures
- **Participant profile:** nurses who want to extend their knowledge of assisting in Orthopaedics, in legal aspects of nursing care and in working as a team
- **Number of participants: max.15**

MEDICAL TRAINING COURSES: Interventional Surgery



Interventional Methods of Diagnosis and Treatment: Coronary Arteries



■ Course agenda:

Theoretical session on:

- Diagnostics and therapy of acute coronary syndrome
- Femoral and radial access
- Interventions in coronary arteries
- Managing complications

Practical training in Sim Lab:

- Endovascular manipulations on coronary arteries, radial artery puncturing

■ Duration: 5 days

■ **Training goal:** by the end of this course the surgeon feels more comfortable with interventional procedures on coronary arteries

■ **Participant profile:** the surgeon who has already performed endovascular procedures on coronary arteries independently

■ **Number of participants: max. 12**



Interventional Methods of Diagnosis and Treatment: Peripheral Arteries



■ Course agenda:

Theoretical session on:

- Diagnostic and therapeutic interventions in carotid, renal and lower limb arteries
- Prevention of pulmonary embolism
- Instruments and technical equipment
- Managing complications

Practical training in Sim Lab:

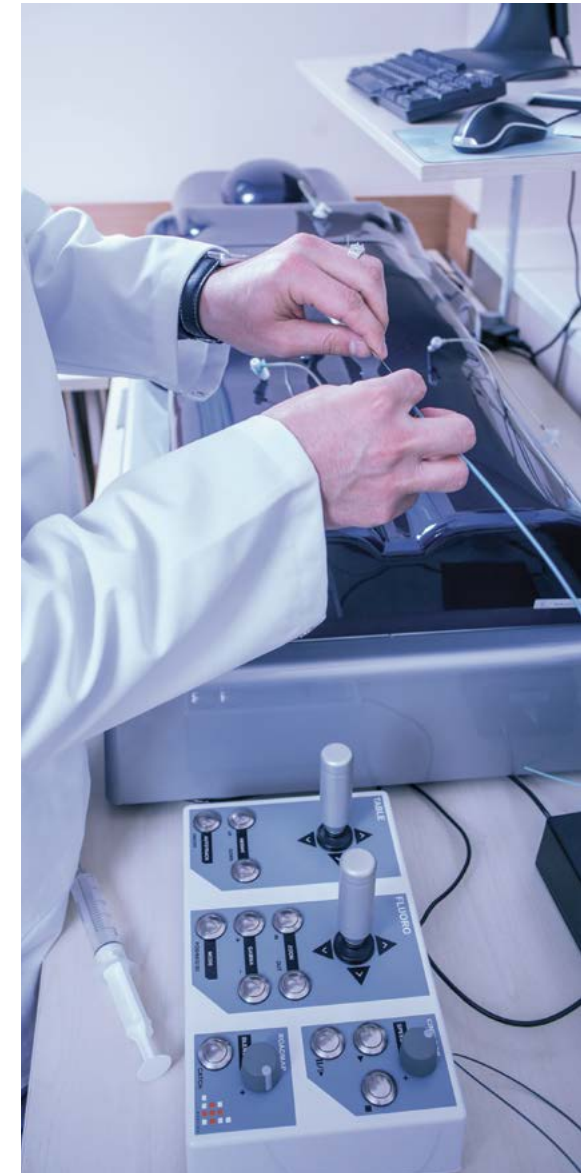
- Endovascular manipulations on carotid, renal, lower limb arteries

■ Duration: 5 days

■ **Training goal:** by the end of this course the surgeon improves his theoretical and practical skills in peripheral arteries intervention

■ **Participant profile:** the surgeon who has already performed endovascular procedures on peripheral arteries independently

■ **Number of participants: max.12**



– Sim Lab



– Dry Lab



– Wet Lab



– Arth Lab



– Cadaver Lab

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WORKSHOPS



W Patient Blood Management via Advanced Haemostatics in Neurosurgery, Cardiac & General Surgery



■ Agenda:

Theoretical session on:

- Overview of haemostatic products & materials and areas of application
- Overview of haemostatic devices and areas of application

Practical training on animate models:

1st Day (Neurosurgery)

- Craniotomy
- Craniectomy
- Laminectomy
- Laminotomy
- Decompression
- Scoliosis

2nd Day (Cardiosurgery)

- Valve Repairs
- CABG & Aorta

3rd Day (General Surgery)

- Lower anterior resections
- Solid organ surgery (liver, spleen, kidney)

■ Duration: 3 days

■ **Training goal:** by the end of this course the surgeon improves his practical skills in hemorrhage control with the help of advanced haemostatics in neurosurgery, cardiac surgery and general surgery (laparoscopic)

■ **Participant profile:** The surgeon (Neuro, Cardio or General)

- Must perform at least 100 surgical procedures a year
- Practicing at least 2 years

■ **Number of participants: max. 20 surgeons of each speciality per day**



C Balloon Sinuplasty Technology in Treatment of Acute and Chronic Sinusitis



■ Agenda:

Theoretical session on:

- Etiology of acute and chronic sinusitis
- Functional Endoscopic Sinus Surgery (FESS) – current approaches
- Balloon sinuplasty as new technology for FESS
- Devices for Balloon Sinuplasty – technical details, how to use, tips & tricks
- Temporary Implants for Frontal and Ethmoid Sinuses – Stratus – shift to new paradigm
- Inspira Air – mini invasive approach in upper airway treatment – overview
- Cyclops – multi angle endoscope

Practical training in CadaverLab

■ Duration: 1 day

■ **Training goal:** by the end of the session each attendee gets manual skills in balloon sinuplasty usage for Maxillary, Frontal and Sphenoid sinuses, implantation of Stratus devices. Observation of Cyclops endoscope is included.

■ **Participant profile:** ENT surgeons experienced and focusing on rhinology

■ **Number of participants: max. 6**



WORKSHOPS



Pelvic Floor Surgery



■ **Agenda:**

Theoretical session on:

- Mechanisms of ptosis and prolapse of the pelvic floor organs
- Incontinence
- Surgical correction procedures
- Implants
- Urethra reconstructive surgery

Practical training in Cadaver Lab

■ **Duration: 4 days**

■ **Training goal:** by the end of this course the surgeon improves his theoretical and practical skill and should feel more comfortable in performing pelvic floor surgical procedures

■ **Participant profile:** surgeon who has already performed basic surgical procedures in gynecology

■ **Number of participants: max. 8**



Treatment of Endometrial Pathology



■ **Agenda:**

Theoretical session on:

- Hysteroscopy: indications, techniques, anaesthesia
- Fallopian tubes catheterization
- Myomectomy
- Managing manipulations

Practical training on tissue models:

- Hysteroscopy

Practical training on HystSim in Sim Lab

■ **Duration: 4 days**

■ **Training goal:** by the end of this course the surgeon improves his theoretical and practical skills and feels more comfortable in performing hysteroscopia

■ **Participant profile:** surgeon who has already performed basic surgical procedures in gynecology

■ **Number of participants: max. 8**



– Sim Lab



– Dry Lab



– Wet Lab



– Arth Lab



– Cadaver Lab

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PROFESSIONAL SERVICES: Organizational services

Advanced Medical Technology Education Center is not only a unique educational project, but also a ground for communication of professionals. The Center assists in the organization of scientific conferences and round tables - both for Russian and foreign specialists. It presents state-of-the-art technical equipment and sound infrastructure. Equipment of the Center

allows to enrich education process with broadcasts of master classes and unique demonstrative operations from the leading Russian and foreign clinics, to organize video conferences with international colleagues, as well as to host conferences and symposiums at the highest technical level.



Conference Hall



Classrooms



Lunch Hall



Hall for exhibitions

Costs depend on your request. Please, fill the contact form on www.kazanmedcenter.com

PROFESSIONAL SERVICES: International observerships

 **USA**

- Boston Medical Center
- Pittsburg University Hospital
- Memorial Sloan Kettering Cancer Center New York
- Western Connecticut Health Network – Clinical base of Yale University
- University of Alabama at Birmingham Hospital

 **Germany**

- University Medical Center Hamburg - Eppendorf
- Uniklinik Dusseldorf
- Uniklinik Cologne
- Rehabilitation Center «Deubel Reha»
- Helios Clinic, Wuppertal
- Children’s University Hospital of Wurzburg
- Jena University Hospital
- Munster University Hospital
- Tübingen University Hospital
- Charite clinic, Berlin

 **Israel**

- Rabin Medical Center, Tel Aviv
- Hadassah University Hospital, Jerusalem
- Rehabilitation Center Beit Levinstein
- Wolfson Medical Center, Tel Aviv
- Schneider Children’s Medical Center, Tel Aviv
- Assaf HaRofeh Medical Center

 **France**

- Strasbourg University Hospital

 **Netherlands**

- Leiden University Medical Center

Participating in our Observership Programs offers medical specialists the opportunity to receive training in the state-of-the-art clinics and medical centers all over the world.

We offer individual and group Observership Programs for practicing physicians on various specialties at their choice. The program includes observing patient care, taking part in medical rounds, seminars on host country healthcare system and interaction with leading foreign experts. On your preference, duration of the course may vary from one week up to several months.

Event and Participant Management

AMTEC offers you complete medical event management packages in Kazan and all over the world. We are there to support you every step of the way, with consultations, hotel and travel bookings, catering, print material and every aspect from the planning stage through to the final feedback. Just let us take care of the details for you.

GENERAL INFORMATION

■ Travel, Accommodation

Participants are asked to organize travel and accommodation individually, but we can organize it upon request.

For more detailed information or recommendations regarding travel arrangements and nearby hotels please contact the Organizational Department.

■ Certificate

Upon completion of a course, certificates are issued to confirm participation. Certificates will only be available upon completion of the course.

■ Registration

Registrations are accepted by phone or by e-mail (info@kazanmedcenter.com). Please note that the information provided on our website and in our brochures does not constitute a binding offer. Hence, the registration becomes binding only after written confirmation from the AMTEC (fax or e-mail suffices).

■ General information / Liability in Certain Circumstances

During the training on ventilated models, Sevoflurane is used as anesthesia. As teratogenic effects cannot be ruled out, pregnant women should not participate in these courses. Pregnant women who wish to participate nonetheless do so at their own risk.

The AMTEC is not liable for any damages to pregnant women and/or their fetus caused directly or indirectly by said anesthesia.

Detailed **courses agenda, courses dates and fee:**
www.kazanmedcenter.com

CONTACTS

Advanced Medical Technology Education Center
Orenburgsky Trakt, 138, bld.9
420064, Kazan, Republic of Tatarstan
RUSSIAN FEDERATION

+7 (843) 237 84 70
+7 (843) 237 36 43 (fax)
info@kazanmedcenter.com



LOCATION

- **Nearest airport:** International Airport Kazan (KZN)
 - Distance from AMTEC: 21 kilometers
 - Travel time by car: 25 minutes
- **Nearest railway station:** Kazan central railway station
 - Distance from AMTEC: 9 kilometres
 - Travel time by car: 20-90 minutes (depending on traffic)
- **By public transport:**
 - by tram #5 to the end station «Solnechniy gorod»
 - by bus #22 to the station «Republican Clinical Hospital (RKB)»
 - by metro to the end station «Gorki», then continue with bus #97, #34, #37 to the station «Republican Clinical Hospital (RKB)»

CHARITY

Advanced Medical Technology Education Center pays big attention to collaboration with Kazan charity founds such as “Kazan mothers”, Children’s Leukemia found n.a. Angela Vavilova, “Alpari” charity found, etc. Six charity programs were realized with our partners through the last several years. Producing series of cartoons and a TV show “Let’s be friends” for deaf children is a subject of our special attention.



PROJECTS



With the support of the Advanced Medical Technology Education Center, the International University Sports Federation (FISU), the Ministry of Healthcare, the Kazan 2013 Executive Directorate and the Kazan State Medical University jointly held «Check up your heart» event where more than 1800 participants of the Universiade had a unique possibility to check the condition of their cardiovascular system.

ABOUT KAZAN

Kazan is the capital of the Republic of Tatarstan, third capital of Russia, it’s one of the largest economic, scientific and cultural centres in the country. The city celebrated its 1,000th anniversary in 2005. About 1,2 mln people – representatives of over 100 nationalities – live in Kazan in the atmosphere of cultural, religious and linguistic diversity.

The Kazan Kremlin, a unique complex of archeological, historical and architectural monuments enrolled into the UNESCO World Heritage list, is the main tourist attraction of Kazan. It is open for visits and tours on a daily basis. Tourists visiting the territory of the architectural conservation area will see such places of interest as the ‘falling’ Syuyumbike Tower, Savior Tower, Annunciation Cathedral and Kul-Sharif, one of the largest mosques in the world.

The thousand-year-old Kazan has a busy cultural life. Aside from classical art, the city facilitates the development of contemporary art trends as well. There are 9 theatres, 34 state museums, privately owned art galleries, Saidashev State Big Concert Hall and 2 philharmonics. National Russian and Tatar holidays are celebrated in Kazan in a big way.

Kazan actively develops its infrastructure; new sporting venues, industrial and social facilities, residential premises, roadways and traffic interchanges are being built. Staging the 2013 Summer Universiade has given a new impetus to the development of children’s, youth and university sports not only in Kazan, but all over Russia.



info@kazanmedcenter.com

