



36th INTERNATIONAL APPLIED ADVANCED LAPAROSCOPIC UROLOGY COURSE WITH WET LABORATORY AND ROBOTIC SURGICAL TRAINING 5-7 JULY 2016, ATHENS/GREECE, MEETING REPORT

Serdar Yalçın¹, Yiğit Akın²

¹ Department of Urology, Agri Military Hospital, Agri, Turkey

² Department of Urology, Harran University School of Medicine, Şanlıurfa, Turkey

Name of the Course: 36th International Applied Advanced Laparoscopic Urology Course with Wet Laboratory and Robotic Training

Date and Location: 5-7 July 2016, Athens/Greece

Course Presidents: Prof. Dr. Yaşar Özgök, Prof. Dr. Piotr Chlosta, Asc. Prof. Dr. John Varkarakis

Course Secretaries: Asc. Prof. Dr. Yiğit Akın, Dr. Nikolaos Ferakis, Dr. George Kyriakou

International Course Secretary: Asc. Prof. Dr. Ali Serdar Gözen

Trainers of Turkurolap Team: Prof. Dr. Yaşar Özgök, Asc. Prof. Dr. Ali Serdar Gözen, Asc. Prof. Dr. Murat Arslan, Asc. Prof. Dr. Yiğit AKIN, Ass. Prof. Dr. Abdullah Açıkgöz, Op. Dr. Serdar Yalçın, Op. Dr. Eymen Gazel, Op. Dr. Mansur Halilov, Op. Dr. Vasif İsmayil, Nurse Vildan Gökçe.

International Trainers: D. Chalikopoulos, P. Mourmouris, T. Manousakis, V. Mygdalis, T. Kalogeropoulos, A. Papatsoris, A. Andreou, S. Tyritzis, A. Ploumidis, A. Skolarikos, K. Stravodimos, A. Papalois, J. Varkarakis, P. Chlosta, P. Kallidonis, E. Fragkiadis, P. Nikolopoulos, A. Papatsoris, N. Ferakis, I. Anastasiou, A. Mihalakis, A. Bekos, I. Poulias, G. Kyriakou



Figure 1: 36th International Applied Advanced Laparoscopic Urology Course with Wet Laboratory and Robotic Training.

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Correspondence Address

Serdar Yalçın

Department of Urology, Agri Military Hospital, Agri, Turkey
Phone: +90 532 512 07 28 E-mail: serdaryalcin@hotmail.com



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MEETING REPORT

Turkurolap 36th International Applied Advanced Laparoscopic Urology Course (Figure 1.) was held in Athens, Greece on 5-7 June 2016. First day Greece team of trainers completed the advanced laparoscopy course in Elpen Research Center and St. Agios Savas Hospital. Turkurolap Team arrived to Athens on 5th of July. Second day of the course was started with the opening speeches of Y. Özgök, A. Papalois and J. Varkarakis (Figure 2.).

Following opening speeches theoretical session was held and "Laparoscopy Training in the World" (by Y. Özgök), "Training in Pig Models" (by M. Arslan), "Training in Pelvitrainers" (by S. Yalçın) and "Introduction in Ureteroscopy-RIRS in animal model" (by Y. Akin) (Figure 3) course topics were covered.



Figure 2: Opening speech of Prof. Yaşar Özgök on the first day of the course.

Completing the theoretical session with the full attendance of the participants, trainees were divided into two groups. First group was attended the video presentations and talks about laparoscopic & robotic urological surgery and percutaneous nephrolithotomy. The topics of the video presentations and talks were Laparoscopic Radical Nephrectomy (by M. Khalilov), Laparoscopic Partial Nephrectomy and Laparoscopic Adrenalectomy (by M. Arslan), Laparoscopic Radical Prostatectomy and Laparoscopic Ureteroneocystostomy (by Y. Akin), Robotic Radical Prostatectomy (by Y. Özgök), Laparoscopic Suturing (by E. Gazel), Laparoscopic Radical Cystectomy (by S. Yalçın), Laparoscopic Pyeloplasty- Semirigid & Flexible Ureteroscopy (by A. Açıkgöz) and Percutaneous Nephrolithotomy (by V. Ismayil) (Figure 4).

The second group performed advanced laparoscopic & robotic training and ureteroscopy & percutaneous nephrolithotomy training on pigs (Figure 5).

Each trainee was supervised by one course trainer. In this course especially the da Vinci Surgical training on pigs attracted great interest (Figure 6.).

All the trainees experienced all four hand on trainings on pigs, laparoscopic intervention, using da Vinci Surgical System SI, percutaneous nephrolithotomy and ureteroscopy on pigs in the wet lab.

In this course also nurse training was performed on 2nd day of the course. Mrs. Vildan Gokce was responsible for the nurse training. She gave theoretical sessions about laparoscopic tools & equipments and operating room, and sterilization of the laparoscopic instruments in the first half of the training day. After the lunch time nurse trainees attended the wet lab activities on pig simulating models (Figure 7).



Figure 3: Theoretical session; speeches of Y. Özgök, M. Arslan, S. Yalçın, Y. Akin



Figure 4: Presentations of M. Khalilov and V. Ismayil.



Figure 5: Training in wet lab.



Figure 6: Robotic training with da Vinci SI Surgical System on a pig model.



Figure 7: Nurse training with V. Gökçe on the da Vinci SI Surgical System and theoretical session.



Figure 8: Meeting room of the St. Savvas Hospital's operating theater.

All trainees were informed about the third day activities. At the end of the day trainees were given free time with the trainers to ask further questions. Second course day was finished successfully.

Third day of the course was started at 07.00 am with the transfer to the St. Savvas Hospital. All trainees and the trainers meet in the meeting room of the St. Savvas Hospital's operating theater (Figure 8.).

Two live surgeries were performed with the step by step explanations of the surgeons for the trainees of the course. Also Asc. Prof. Dr. Ali Serdar Gözen answered the questions of the trainees in the meeting room. First operation was left laparoscopic transperitoneal radical nephrectomy for the left kidney cancer and performed by Prof. Dr. A. Skolarikos and Op. Dr. T. Kalegopoulos. Following the first operations laparoscopic transperitoneal radical prostatectomy was performed by Prof. Dr. Yaşar Özgök, Asc. Prof. Dr. Yiğit Akın and Op. Dr. Serdar Yalçın (Figure 9).

Two operations were performed successfully and without any complication. Trainees benefitted these two step by step operations much. At the end of the third day of the course Prof. Yaşar Özgök took the positive feedback of the trainees and answered the questions of the trainees about the operations. Third day was finished by the closing speech of the course president Prof. Dr. Yaşar Özgök (Figure 10).

The trainers and the trainees collected course certificates on the course desk in the exhibition area of the 5th Meeting of the EAU Section of Uro-Technology (ESUT 2016) (Figure 11).

Following the successfully completed 36th International Applied Advanced Laparoscopic Urology Course with Wet Laboratory and Robotic Training all the trainers and trainees were attended the 5th Meeting of the EAU Section of Uro-Technology (ESUT 2016) which took place at Athens on 8-10th of July 2016. The ESUT 2016 Congress had three days of live and pre-recorded surgery, a comprehensive technical exhibition with all the latest in uro-technology, distinguished speakers from all across the world, and over 600 participants who received a comprehensive update on the technology that drives urology. Two different hands-on training courses was available at ESUT16; endourology and laparoscopy. Turkurolap team were there as the trainers of the hands-on training sessions under the leadership of Asc. Prof. Dr. Ali Serdar Gözen (Figure 12.). At the end of the hands-on training E-BLUS Examination was performed by the chairmanship of Asc. Prof. Dr. Ali Serdar Gözen.

Op. Dr. Serdar Yalçın won the best oral presentation award of the ESUT 2016 congress. This study, which has won the price, was managed by Prof. Yaşar Özgök (Figure 13). TURKUROLAP team arrived to Istanbul on 10th of July.



Figure 9: Laparoscopic radical prostatectomy was performed by Y. Özgök, Y. Akın and S. Yalçın.



Figure 10: End of the course.



Figure 11: Certificates of the course.



Figure 12: Hands on training during ESUT 2016 Meeting with TURKUROLAP team.



Figure 13: Best oral presentation award was received by S. Yalçın.



CONCLUSION

36th International Applied Advanced Laparoscopic Urology Course with Wet Laboratory and Robotic Training was completed successfully with the participation of 24 doctor trainees, 4 nurse trainees, 9 doctor trainers and 1 nurse trainer. Theoretical sessions and video presentations were found very educational by trainees and trainees benefitted the sessions. Advanced laparoscopic skills explained to the trainees in this

course and da Vinci Surgical System was used on a living pig simulating the real surgical area first time, and trainees used the robotic console with the experienced trainers. All trainees had the chance of performing laparoscopic nephrectomy on living pig models. Both of the living surgeries were performed successfully and the trainees benefitted the step by step explanations during the operations. Local and foreign faculty was appreciated the TURKUROLAP Team after the 5 days performance.