



Thoracic US, Pleural Procedures and Thoracoscopy Course



Tentative Scientific Program

| Thursday, 4 July 2024 | | Basic US And Skills | |
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| 09:00 - 09:30 | Welcome – The role of chest ultrasound in the daily practice of IPs. - <i>G.Stratakos</i> | | |
| 09:30– 10:00 | Essential US physics, probe selection, and modes. – <i>D.Ampazis</i> | | |
| 10:00 – 10:20 | Thoracic US1 – Normal findings, pleural effusion. – <i>K.Bakiri</i> | | |
| 10:20 - 10:40 | Thoracic US 2 –Pneumothorax, Consolidation, empyema <i>N.Anagnostopoulos</i> | | |
| 10:40-11:00 | Thoracic US 3- Assessment of Pleura, ILD,Pulmonary Oedema. Stav. Zaneli | | |
| 11:00 – 11:15 | Thoracic ultrasound procedure step by step – Video 1 (scanning zones) | | |
| 11:15 – 11:45 | <i>Coffee Break</i> | | |
| 11:45 – 12:15 | Management of the patient with suspected MPE, pleural tap. – <i>I.Kalomenidis</i> | | |
| 12:15 – 12:45 | Management of the patient with spontaneous primary PTX. – <i>P. Emmanouil</i> | | |
| 12:45 – 13:15 | Management of patient with nonexpandable lung. IPC indications. – <i>V.Skouras</i> | | |
| 13:15 - 13:25 | Pleural tap / Pleuracath insertion/ Pneumothorax evacuation procedure – Video 2 | | |
| 13:25– 14:30 | <i>Lunch Break with discussion (on site)</i> | | |
| 14:30 – 18:00 | HANDS ON WORKSHOPS (Participants split into 4 groups of 6 rotating every 45') | | |
| Group A | Thoracic ultrasound scanning zones, normal findings on volunteer – Case presentations and Q&A <i>I.Kalomenidis – K.Bakiri</i> | | |
| Group B | Pleural effusion tap, pneumothorax aspiration on a Hi-Fi model. <i>P.Emmanouil – D.Ampazis –Vl.Vitsas</i> | | |
| 16:00 -16:15 | <i>Coffee Break</i> | | |
| Group C | Cases on a virtual model Symbionix– Q&A <i>N.Rahman – Ph.Astoul</i> | | |
| Group D | Pleuracath insertion – Trocar, seldinger, blunt technique on a Hi-Fi model <i>V.Skouras – M.Froudarakis – N.Anagnostopoulos</i> | | |

| Friday, 5 July 2024 Advanced US and Therapeutic Procedures | |
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| 09:00 - 09:20 | Chest drain insertion with blunt incision technique - Video 3 |
| 09:20 – 09:50 | Pleurodesis via chest tube/ IPC. Indications, agents, US success assessment. – <i>Ph.Astoul</i> |
| 09:50 - 10:20 | Management of patient with empyema, US chest drain insertion. – <i>M.Froudarakis</i> |
| 10:20 – 10:40 | IPC insertion/ Pre and post-procedure US assessment – Video 4 |
| 10:40 – 11:05 | <i>Coffee Break</i> |
| 11:05 – 11:25 | Local anaesthesia thoracoscopy/AVATS. – <i>L.Toufektzian</i> |
| 11:25 – 11:45 | VATS management of complicated pleural effusion/empyema and recurring pneumothorax, Ch.Zissis |
| 11:45 – 12:20 | LIVE CASE – Rigid/Semi-Rigid Thoracoscopy |
| 12:20 – 12:30 | Case discussion – remarks. |
| 12:30 – 12:50 | Training in chest US and pleural procedures. Who can do it? – <i>G.Stratakos</i> |
| 13:00– 14:00 | Lunch Break with discussion (on site) |
| 14:00 – 16:00 | Competence Assessment and Accreditation (Participants split in 4 groups of 6 rotating every 30') |
| Group A | Case assessment on a virtual model. Ph.Astoul, M.Froudarakis |
| Group B | Pleural tap / Pneumothorax evacuation. Ph. Emmanouil, Vl. Vitsas |
| Group C | Lung ultrasound step by step. I.Kalomenidis, K.Bakiri |
| Group D | Multiple choice questions N. Anagnostopoulos, Gr. Stratakos |

| Saturday, 6 July 2024 | | Animal Model Hands-on session Workshop | | | |
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| 09:00 - 9:15 | Welcome | | | | |
| 09:15 – 09:45 | Management of the patient with subpleural lesion. US – FNB. – <i>N.Rahman</i> | | | | |
| 09:45 – 10:15 | Thoracoscopy/AVATS indications and patient preparation <i>Ph. Astoul</i> | | | | |
| 10:15 – 10:30 | Intro to Local Anesthesia Thoracoscopy – Video (Preparing the thoracoscopy set) | | | | |
| 10:30 – 14:30 | <p>Hands-on workshops on animal models</p> <p><i>10:30 – 12:10 (Switch groups after 50') – 4 animal models</i></p> <p>GROUP A (2 working stations)</p> <p>Blunt incision technique for chest drain insertion</p> <p><i>M.Froudarakis – V.Skouras</i></p> <p>GROUP B (2 working stations)</p> <p>Rigid thoracoscopy set preparation and insertion</p> <p><i>Ph.Astoul – G.Stratakos- N.Anagnostopoulos</i></p> <table border="1" data-bbox="368 1048 1492 1086"> <tr> <td><i>12:10 -12:30 Coffee break</i></td> <td></td> </tr> </table> <p><i>12:30 – 14:30 (Switch groups after 50') - The same 4 animal model (blateraly)</i></p> <p>GROUP A</p> <p>Semi-Rigid / Rigid thoracoscopy: Pleural biopsy technique (Forceps/Cryo) – Talc poudrage</p> <p><i>N.Rahman – N.Anagnostopoulos</i></p> <p>GROUP B</p> <p>Awake VATS for pleural/lung biopsy</p> <p><i>L.Toufekzian – Ch.Zisis</i></p> | | | <i>12:10 -12:30 Coffee break</i> | |
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| 14:30 – 14:45 | Closing remarks – discussion | | | | |
| | Certificates and group photo | | | | |