

ERS Skills Course in Interventional Bronchoscopy

ERS assembly/group :

14/01

Organising committee

Title	Surname	First name	City	Country	Email
Prof.	Herth	Felix	Heidelberg	Germany	Felix.Herth@med.uni-heidelberg.de
Dr.	Kontogianni	Konstantina	Heidelberg	Germany	Konstantina.Kontogianni@med.uni-heidelberg.de

Invited international Faculty

Title	Surname	First name	City	Country	Email
Prof.	Annema	Jouke	Amsterdam	Netherlands	j.t.annema@amsterdamumc.nl
Prof.	Poletti	Venerino	Forli	Italy	venerino.poletti@unibo.it
Prof.	Bugalho	Antonio	Lisbon	Portugal	antonio.bugalho@cuf.pt
Prof.	Rahman	Najib	Oxford	United Kingdom	najib.rahman@ndm.ox.ac.uk
Prof.	Klooster	Karin	Groningen	Netherlands	k.klooster@umcg.nl
Prof.	Munavvar	Mohammed	Preston	United Kingdom	mmunavvar55@gmail

Local faculty

Prof. Franziska Trudzinski, email : Franziska.Trudzinski@med.uni-heidelberg.de

Dr. Judith Brock, email : judith.brock@med.uni-heidelberg.de

Dr. Susanne Dittrich, email : Susanne.Dittrich@med.uni-heidelberg.de

Dr. Laura Klotz, email : laura.klotz@med.uni-heidelberg.de

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Prof. Claus Peter Heussel, email : ClausPeter.Heussel@med.uni-heidelberg.de

Dr. Markus Scheiner, email : Markus.Scheiner@med.uni-heidelberg.de

Venue

`Thoraxklinik`

Roentgenstrasse 1

69126, Heidelberg

Germany

Dates:

19.11.-21.11. 2024

Lead course organiser

Name: **Konstantina Kontogianni**

Proposed Programme and speakers				
Day 1. Tuesday 19 November 2024				
Time	Min		Format	Faculty member
08:30-09:00	30'	Course registration		
09:00-09:05	5'	Welcome and introduction		Organising committee
09:05-09:30	25'	Introductory lecture	Lecture	F. Herth
Session 1				
09:30-09:50	20'	ELVR: Valves, Coils, AeriSeal, BTVA etc.	Lecture	K. Klooster
09:50-10:10	20'	Interventional treatment of chronic bronchitis and exacerbations	Lecture	K. Kontogianni
10:10-10:30	20'	Update LVRS	Lecture	F. Eichhorn
10:30-10:40	10'	Q&A		All Faculty
10:40-11:10	30'	Coffee/Tea Break		
Session 2				
Interactive Case-based session COPD, ILD and lung cancer				
11:10-11:30	20'	Case 1 – ELVR Board; Obstruction and Hyperinflation	Interactive Case	K. Klooster K. Kontogianni F. Eichhorn C.P. Heussel
11:30-11:50	20'	Case 2 – ELVR Board; chronic Bronchitis and Exacerbations	Interactive Case	K. Kontogianni J. Brock L. Klotz C.P. Heussel
11:50-12:10	20'	Case 3 – ILD- Board	Interactive Case	S. Dittrich V. Poletti C.P. Heussel
12:10-12:30	20'	Case 4 – Tumour Board, peripheral node	Interactive Case	F. Trudzinski L. Klotz C.P. Heussel
12:30-12:40	10'	Q&A		All Faculty
12:40-13:40	60'	Lunch Break		
Session 3				
The peripheral node				
13:40-14:00	20'	Best approach to peripheral nodule diagnostics and treatment from radiologist perspective; Photon counting CT, SBRT	Lecture	C.P. Heussel
14:00-14:20	20'	Best approach to peripheral nodule diagnostics from `bronchologist` perspective, navigation	Lecture	F. Herth
14:20-14:40	20'	Robots in bronchoscopy	Lecture	J. Brock
14:40-15:00	20'	Best approach to peripheral nodule treatment from `bronchologist`	Lecture	A. Bugalho

		perspective, Microwaves, RFA, Vapor ablation		
15:00-15:20	20'	Best approach to peripheral nodule diagnostics and treatment from surgeons' perspective	Lecture	H. Winter
15:20-15:40	10'	Q&A		All Faculty
15:40-16:00	20'	Coffee/Tea Break		
Session 4		Pleural and central lesions		
16:00-16:20	20'	Ultrasound guided pleural diagnostics	Lecture	N. Rahman
16:20-16:40	20'	Recanalization `hot and cold` techniques	Lecture	F. Herth
16:40-17:00	20'	Update linear EUS(B) technique, performance, complications	Lecture	J. Annema
17:00-17:20	20'	Medical thoracoscopy	Lecture	N. Rahman
17:20-17:30	10'	Q&A		All Faculty

End of day 1

Day 2. Wednesday 20 November 2024

Session 5 Live cases and patient handling

Time	Min		Format	Faculty member
08:45-09:30	45'	Live demo 1	Live case	F. Herth/ A. Bugalho
		Pre procedure		S. Dittrich
		Procedure		F. Herth/ A. Bugalho
		Discussion and feedback		K. Kontogianni
09:30-09:50	20'	Preparation of the patient	Lecture	J. Brock
09:50-10:30	40'	Live demo 2	Live case	K. Kontogianni/ J. Annema
		Pre procedure		S. Dittrich
		Procedure		K. Kontogianni/ J. Annema
		Discussion and feedback		J. Brock
10:30-10:50	20'	Sedation in bronchoscopy	Lecture	M. Scheiner
10:50-11:30	40'	Coffee/Tea Break		

Session 6 More IP Updates and Live cases

11:30-11:50	20'	Update stents	Lecture	F. Herth
11:50-12:10	20'	Invasive procedures for patients with ILD, cryobiopsy	Lecture	V. Poletti
12:10-12:30	20'	Update BAL	Lecture	F. Trudzinski
12:30-12:50	20'	Update radial EBUS	Lecture	J. Annema
12:50-13:10	20'	ROSE and Histopathology in IP	Lecture	V. Poletti
13:10-13:20	10'	Q&A		All Faculty
13:20-14:20	60'	Lunch Break		
14:20-15:00	40'	Live Demo 3		F. Herth / V. Poletti
		Pre procedure		S. Dittrich
		Procedure		F. Herth / V. Poletti
		Discussion and feedback		K. Kontogianni

Session 7		<i>New techniques and instruments in use and IP future</i>		
15:00-15:20	20'	EBUS Cryo-biopsy of mediastinal and hilar lymph nodes	Lecture	K. Kontogianni
15:20-15:40	20'	Building up an endoscopy service	Lecture	A. Bugalho
15:40-16:00	20'	Single use bronchoscopes	Lecture	J. Brock
16:00-16:20	20'	Innovations in interventional pulmonology: pushing boundaries	Lecture	F. Herth
16:20-16:30	10'	Q&A		All Faculty

End of day 2

Day 3. Thursday 21 November 2024

Session 8 Workshops 09:00 – 14:30

The participants will be divided into groups of 10 and will rotate the six workshops. Each workshop is repeated six times.

Time	Min	Format	Faculty member
09:00-09:45	45'	Workshop 1 – Stents Supervised hands-on experience with stent implantation	Workshop F. Herth and local Faculty
09:45-10:30	45'	Workshop 2 – Lung Volume Reduction Supervised hands-on experience with ELVR modalities on lung models	Workshop K. Klooster and local faculty
10:30-11:00	30'	Coffee/Tea Break	
11:00-11:45	45'	Workshop 3- E(B)US handling (Scope and processor knobology + needle handling, elastography). Supervised hands-on experience on EBUS-TBNA on models. Acquaintance with different needle types	Workshop J. Brock and local Faculty
11:45-12:30	45'	Workshop 4- Flexible Bronchoscopy and Pleural catheters Supervised hands-on experience with flexible bronchoscopy and pleural catheter insertion on model	Workshop F. Eichhorn and local Faculty
12:30-13:00	30'	Light Lunch Break	
13:00-13:45	45'	Workshop 5- Rigid Bronchoscopy, APC and bleeding management Supervised hands-on experience with the rigid scope and APC on pig lung model	Workshop K. Kontogianni and local Faculty
13:45-14:30	45'	Workshop 6 Cryo-Biopsy and Cryo-TBNA Supervised hands-on experience with the Cryo-probe on pig lung model	Workshop V. Poletti and local Faculty

14:30 Closing remarks – End of the course