



**ERS Academy of Paediatric chest imaging
– in partnership with ESPR
7 - 8 October 2024
Rotterdam, Netherlands**

Monday, 07 October 2024

08:30–09:00 **Course registration**

Session 1

Chairs: H. Tiddens, P. Ciet, M. Pijnenburg

09:00–09:15 Welcome and introduction

09:15–09:45 What you need to know about the anatomy of the lung in relation to imaging - J. von der Thüsen

09:45–10:15 Chest Radiograph (CR): Is there still a role? - C. Sileo

10:15–10:45 *Break*

10:45–11:15 Lung Ultrasound (LUS): A survival guide for (pediatric) pulmonologist and radiologist - J. Lovrenski

11:15–12:00 Clinical cases - P. Ciet, C. Sileo, J. Lovrenski

12:00–13:30 *Lunch break*

Session 2

Chairs: M. van Straten, H. Tiddens

13:30–14:00 Ordering a chest-CT: The law of the weakest link - H. Tiddens

14:00–14:30 The lung and CT technology: What you need to understand about the combination – M. Dijkshoorn

14:30–15:00 Radiation risk in perspective – M. van Straten

15:00–15:30 *Break*

15:30–16:00 Image analysis: Scoring to artificial intelligence - H. Tiddens

16:00–17:00 Clinical cases – P. Ciet, M. Pijnenburg



Tuesday, 08 October 2024

Session 3

Chairs: P. Ciet, F. Hirsch

09:00–09:30 The lung and MRI technology: What you need to understand about the combination - H. Marshall

09:30–10:00 Indication for ordering a chest-MRI - F. Hirsch

10:00–10:30 *Break*

10:30–11:00 Functional and quantitative imaging using chest MR: how to do it in the clinic? - P. Latzin

11:00–11:45 Clinical cases - H. Tiddens, P. Latzin, F. Hirsch, P. Ciet

11:45–13:00 *Lunch break*

Session 4

Chairs: P. Ciet, H. Tiddens, J. Lovrenski, P. Latzin, F. Hirsch

Participants will be divided into 3 groups and rotate each discussion round.

13:00–13:45 Round 1	How can ordering of chest imaging be improved - J. Lovrenski	How best to image young children according patient age and clinical indication: the CT versus MRI dilemma - P. Ciet	What is required to start chest MRI in my clinic and simple guide to interpret a chest MRI - P. Latzin, F. Hirsch
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13:45–14:30 Round 2	How can ordering of chest imaging be improved - J. Lovrenski	How best to image young children according patient age and clinical indication: the CT versus MRI dilemma - P. Ciet	What is required to start chest MRI in my clinic and simple guide to interpret a chest MRI - P. Latzin, F. Hirsch
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14:30–14:45 *Break*



Tuesday, 08 October 2024

14:45–15:30 Round 3	How can ordering of chest imaging be improved - J. Lovrenski	How best to image young children according patient age and clinical indication: the CT versus MRI dilemma - P. Ciet	What is required to start chest MRI in my clinic and simple guide to interpret a chest MRI - P. Latzin, F.Hirsch
15:30–16:00	Case Series: interaction Pediatric Pulmonologists and Pediatric Radiologist - P. Ciet, H. Tiddens		
16:00–16:15	<i>Break</i>		
16:15–16:45	Advanced imaging of the upper airways - B. Elders		
16:45–17:00	Closing remarks - H. Tiddens, P. Ciet		