



ERS Course
Sleep Disordered Breathing in Children
– Diagnosis and Treatment
09-10 November 2022
Antwerp, Belgium

Wednesday, 9 November 2022

	Registration
8:30 – 9:00	Registration
	Session I – Pathophysiology, epidemiology and symptoms of pediatric sleep-disordered breathing
09:00 – 09:15	Course introduction – Course organizers
09:15 – 09:45	Physiology of the upper airway and control of breathing: What goes wrong in OSAS and CSA? – Kim Van Hoorenbeeck
10:15 – 10:30	<i>Coffee Break</i>
	Session II – Clinical features and diagnosis of obstructive sleep apnea in children
10:30 – 11:00	Morbidity of obstructive sleep apnea – Stijn Verhulst
11:00 – 11:30	Approach to diagnosis of obstructive sleep apnea, overview of diagnostic methods – Athanasios Kaditis
11:30-12:00	Evaluation of upper airway: DISE and imaging – An Boudewyns
12.00 – 13.00	<i>Lunch</i>
	Session III – Diagnostic tools workshops (These workshops will run in parallel and the group will be divided into 3 for these workshops)
13:00 – 13:45	Polysomnography – non-respiratory – Hui Leng Tan, Stijn Verhulst
13:45 – 14:30	Polysomnography – respiratory – Refika Ersu, An Boudewyns
14:30 – 15:15	Screening tools – Polygraphy and oximetry – Francois Abel, Kim Van Hoorenbeeck
15:15 – 15:45	<i>Coffee Break</i>



Session IV – Approach to treatment of obstructive sleep apnea

- 15:45 – 16:15** Approach to treatment of OSAS – Surgical – An Boudewyns
16:15 – 16:45 Approach to treatment of OSAS – Non-surgical – Francois Abel
16:45 – 17:30 Discussion of cases submitted by the participants – All faculty
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Thursday, 10 November 2022

Session V – Sleep disordered breathing in special populations

- 09:00 – 09:30** Sleep disordered breathing in obesity – Stijn Verhulst
09:30 – 10:00 Sleep Disordered Breathing in Down syndrome – Athanasios Kaditis
10:00 – 10:30 Sleep Disordered Breathing in syndromic conditions – Maria Pia Villa

10:30 – 10:45 *Coffee Break*

Session VI – Hypoventilation and central apnea in children

- 10:45 – 11:15** Sleep and hypoventilation – Brigitte Fauroux
11:15 – 11:45 Central sleep apnea: Diagnostic approach and underlying causes – Hui Leng Tan
11:45 – 12:15 Treatment approach to central sleep apnea – Francois Abel

12:15 – 13:15 *Lunch*

Session VII – Treatment of obstructive sleep apnea workshops (These workshops will run in parallel and the group will be divided into 3 for these workshops)

- 13:15 – 14:00** Management of complex cases – Athanasios Kaditis, An Boudewyns
14:00 – 14:45 CPAP – Kim Van Hoorenbeeck, Refika Ersu
14:45 – 15:30 NIV – Brigitte Faroux, Stijn Verhulst
15:30 – 16:00 Closing remarks – End of the course