Augmented reality LISA simulation training Workshop by Chiesi

When: 11th of June

Where: Hall F

The target audience is neonatologists who are not familiar with LISA technique and need simulation training on less-invasive surfactant administration

The LISA (Less Invasive Surfactant Administration) technique aims to administer exogenous surfactant into the lungs by introducing a thin catheter through the trachea, while allowing spontaneous respiration, to preterm infants with respiratory distress. Effective and safe performance of LISA requires experience, therefore simulation-based LISA education has been recommended to improve LISA success rates.

Chiesi are developing an innovative training technique based on augmented reality (AR) in order to train neonatologists in the application of the LISA technique.

During this workshop, participants will have the opportunity to be trained by an experienced neonatologists on LISA technique using this innovative experimental training format. The participants will first receive an introduction on the technique and on the use of the AR system, then they will test their ability to perform the technique on a dedicated smart mannequin.

Participation in the workshop is free but numbers are limited, book your place now!

	Time	Topic	Speaker

Workshop n. 1	8.30-8.40	Theoretical introduction of LISA technique	Anna Lavizzari
	8.40-8.45	Training on Hololens	Accurate
	8.45-10.30	Hands-on trainings – 10 minute training per each participant	Anna Lavizzari
	10.30-11.00	Coffee Break	
Workshop n. 2	11.00-11-10	Theoretical introduction of LISA technique	Anna Lavizzari
	11.10-11.15	Training on Hololens	Accurate
	11.15-13.00	Hands-on trainings – 10 minute training per each participant	Anna Lavizzari
Workshop n. 3	14.30-14.40	Theoretical introduction of LISA technique	Anna Lavizzari
	14.40-14.45	Training on Hololens	Accurate
	14.45-16.30	Hands-on trainings – 10 minute training per each participant	Anna Lavizzari

	16.30-17.00	Coffee Break	