

Foetal post-mortem imaging by means of X-ray microfocus Computed Tomography (μ CT)

23 March 2023

Time: 09:00 - 17:00

Location: SGH-CLS LE30



Meeting Program

Morning Session

(20 minutes talks + 10 minutes discussion)

09:00 - 09:15

Welcome and Introduction

Dr Orestis Katsamenis & Dr Patricia Goggin, μ -VIS XRH and BIU

09:15 - 09:45

Less invasive autopsy for perinatal pathology

Dr Ciaran Hutchinson, Consultant Paediatric & Perinatal Pathologist, GOSH

09:45 - 10:15

What can post-mortem imaging offer for the modern autopsy

Prof Owen Arthurs, Consultant Paediatric Radiologist, GOSH



10:15 - 10:30

Tea & Coffee Break



10:30 - 11:00

Micro-CT for human foetal imaging – image acquisition & parental experience

Dr Ian Simcock, Lead Clinical Academic Radiographer, GOSH

11:00 - 11:30: Practicalities in the Mortuary, handling & family support.

Vanna Lee, Anatomical Pathology Technologist, GOSH

11:30 - 12:00

Discussion



12:00 - 12:30

Lunch Break



Attendees can take a break to enjoy lunch and network.

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Afternoon Session

12:40 - 13:00

Patient/Parent voice - Reflections from the child loss community

James Thompson, Specialist Electron Microscopist, UoS/UHS

Southern ambassador for DWA (Daddys With Angels, international) charity No: 1173978

Chair and Befriender of Southampton Sands (Stillbirth And Neonatal Death, UK) charity No: 299679

13:00 – 14:00

Micro-CT for human foetal imaging – Reporting

Prof Owen Arthurs, Consultant Paediatric Radiologist, GOSH

14:00 - 16:00

Workshop - Interactive Case Studies demonstration by the GOSH team

Real time interactive manipulation of fPM μ CT datasets collected at GOSH

16:00 - 16:15

Discussion

16:15 - 16:30

Conclusion