



# 9<sup>TH</sup> ULTRASOUND IN ACUTE CARE

## THURSDAY 11<sup>TH</sup> AND FRIDAY 12<sup>TH</sup> APRIL 2019

### ROYAL NORTHERN COLLEGE OF MUSIC, OXFORD ROAD, MANCHESTER

*Two day course with ample hands on experience in Ultrasound aimed at Trainees, SAS Doctors and Consultants in Acute Care, Critical Care and Emergency Medicine and others interested in Ultrasound.*

#### THE FACULTY

Dr Jose Chacko, <b>India</b>	Dr Ashley Miller, <b>England</b>	Mr Neeraj Sharma, <b>England</b>
Prof Bernard Cholley, <b>France</b>	Dr Marek Nalos, <b>Czech Republic</b>	Prof Michel Slama, <b>France</b>
Dr Laurence Cook, <b>England</b>	Dr Segun Olusanya, <b>England</b>	Dr Miguel Tavares, <b>Portugal</b>
Dr Deepak Govil, <b>India</b>	Dr Daniel Rapple, <b>Germany</b>	Dr Redmond Tully, <b>England</b>
Dr Justin Kirk-Bailey, <b>England</b>	Dr Gorki Sacher, <b>England</b>	Dr Koenraad Van den Abbeele, <b>England</b>
Prof Daniel Lichtenstein, <b>France</b>	Dr Bhaskar Saha, <b>England</b>	Dr Jonathan Wilkinson, <b>England</b>
Dr Ravin Kishen, <b>Scotland</b>	Dr Vinoth Sankar, <b>England</b>	Dr Adrian Wong, <b>England</b>
Dr Cian McDermott, <b>Ireland</b>	Associate Prof Aarti Sarwal, <b>USA</b>	

#### 11<sup>TH</sup> APRIL 2019 - THURSDAY

GROUP A		GROUP B	
08.00 - 08.45	Registration	08.00 - 08.45	Registration
08.45 - 09.00	Introduction	08.45 - 09.00	Introduction
09.00 - 09.20	Ultrasound physics	09.00 - 09.20	Ultrasound physics
09.20 - 09.50	Standard views / competencies in FICE	09.20 - 09.50	Standard views / competencies in FICE
09.50 - 10.15	Coffee Break	09.50 - 10.15	Coffee Break
10.15 - 10.40	Lung ultrasound: how it impacts echocardiography	10.15 - 13.30	Hands on
10.40 - 11.05	Respiratory failure	13.30 - 14.15	Lunch
11.05 - 11.20	Importance of looking at diaphragm	14.15 - 14.40	Respiratory failure
11.20 - 11.45	RV evaluation	14.40 - 15.05	Lung ultrasound
11.45 - 12.10	LV evaluation	15.05 - 15.30	LV evaluation
12.10 - 12.35	Ultrasound use during CPR	15.30 - 15.55	RV evaluation
12.35 - 13.00	Ultrasound use in weaning from MV	15.55 - 16.10	Importance of looking at diaphragm
13.00 - 14.00	Lunch	16.10 - 16.25	Coffee Break
14.00 - 17.15	Hands on	16.25 - 16.50	Ultrasound during cardiac arrest
		16.50 - 17.15	Ultrasound use in weaning from MV

#### 12<sup>TH</sup> APRIL 2019 - FRIDAY

GROUP A		GROUP B	
08.30 - 09.00	Registration	08.30 - 09.00	Registration
09.00 - 12.15	Hands on	09.00 - 09.25	Assessment of fluid responsiveness
12.15 - 13.00	Lunch	09.25 - 09.50	Ultrasound guided procedures in acute care
13.00 - 13.25	Assessment of fluid responsiveness	09.50 - 10.15	Lines, DVT, ocular nerve and TCD
13.25 - 13.50	Ultrasound guided procedures in acute care	10.15 - 10.50	Coffee Break
13.50 - 14.15	DVT, ocular nerve and TCD	10.50 - 11.15	Ultrasound of the renal tract
14.15 - 14.40	Coffee Break	11.15 - 11.40	Right heart failure
14.40 - 15.05	Ultrasound of the renal tract	11.40 - 12.05	Diastolic heart failure
15.05 - 15.30	Diastolic heart failure	12.05 - 12.30	FAST and general ultrasound
15.30 - 16.00	FAST and general ultrasound	12.30 - 13.15	Lunch
16.00 - 16.30	Right heart failure	13.15 - 16.30	Hands on
16.30 - 17.00	Quiz and Thanks	16.30 - 17.00	Quiz and Thanks

#### REGISTRATION (Fees include VAT at 20%)

Trainees	SAS Doctors	Consultants
£270	£360	£450

*Limited places available.  
Please book early to avoid disappointment.*

Online Registration is now available at: [www.hartleytaylor.co.uk](http://www.hartleytaylor.co.uk)

**CPD APPROVED  
(12 CREDITS)**

The Royal College of Physicians

Further information available from:

[www.critcaresymposium.co.uk](http://www.critcaresymposium.co.uk) |  
[anne@hartleytaylor.co.uk](mailto:anne@hartleytaylor.co.uk) | 01565 621967



Supported by:



SonoSite

PHILIPS