



Trinity Centre, St James Hospital,  
Dublin, June 5th-7th 2019

## Day 1 - Level 1 Ultrasound & Train the Trainer

These courses will run simultaneously with the candidates in the level 1 course being taught by the candidates in the train the trainer course. SonoDub faculty will be directly supervising the level 1 trainers

### Level 1 Course (Max 30)

### Train the Trainer Course (Max 15)

0830 - 0845	Registration	Registration
0845 - 0900	Basics - Probe holding, machine basics	Teaching probe hold - language of transducer movements
0900 - 0915	AAA Lecture	Pro Tips on AAA
0915 - 1015	AAA Hands on	Hands on, 1 on 1 feedback from mentor
1015 - 1030	Vascular Access Lecture	How to prepare a presentation on ultrasound?
1030 - 1100	Hands on Vasc Access with phantoms	Hands on, 1 on 1 feedback from mentor
1100 - 1130	Tea Break	Debrief with mentor and Tea Break
1130 - 1145	eFAST	How to teach eFAST? Pro Tips for eFAST
1145 - 1245	Hands on eFAST	Hands on, 1 on 1 feedback from mentor
1245 - 1345	Lunch	Lunch
1345 - 1400	Echo in Life Support	<ul style="list-style-type: none"> <li>• Teaching focused echocardiography</li> <li>• How to store and log images?</li> <li>• How to perform quality assurance?</li> <li>• Machines... Machines.... machines....</li> <li>• How to make simple phantoms and task trainers for nerve blocks/vasc access/ lung?</li> </ul>
1400 - 1500	Hands on Echo in Life Support	
1500-1600	Free Practice, choose your own adventure	Free Practice, choose your own adventure
1600-1630	End & Course Evaluation	End & Course Evaluation



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## Day 2 Echo Guided Life Support

0815-0830	Welcome
0830-0840	Introduction (theory)
0840-0900	Lung ultrasound (theory)
0900-1000	Lung (practical)
1000	Break
1020-1040	Subcostal/IVC & the State of the circulation (theory)
1040-1140	Subcostal and inferior vena cava view (practical)
1140-1230	Lunch
1230-1250	Complementary cardiac views (theory)
1250-1420	Complementary cardiac views (practical)
1440-1500	Algorithmic approach to shock (EGLS)
1500-1530	EGLS (practical)
1530-1600	Questions & Conclusion



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Day 3  
Advanced Echo & Nerve Blocks

Advanced Echo

LV function  
RV Function  
Diastology  
Valvular function  
Fluid responsiveness (VTi)  
Trans Oesophageal Echo

Nerve Blocks

Needle guidance technique  
How to set up your own block service?  
Superficial Cervical Plexus  
Serratus Anterior Plane  
Erector Spinae Plane  
Fascia Iliaca Compartment Block