

P-EGS11 The Theatre Training Checklist: A Toolkit to Revive Post Pandemic Operative Training

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Background: The COVID-19 pandemic has had a significant negative impact on operative surgical training, with trainee logbook numbers

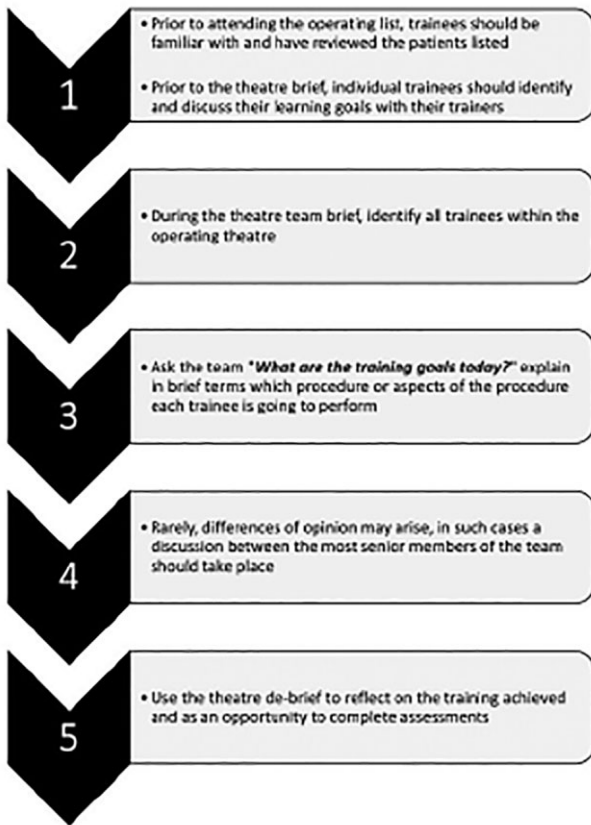
reduced by more than 50% compared to 2019. The operating theatre is expensive, costing approximately £1200 per hour to run. It is a crucial learning environment for many different trainees: anaesthetists, surgeons, operation department practitioners and surgical first

assistants. For individuals to achieve their training requirements, the operating theatre as a training environment must be shared between all trainees. This requires excellent teamwork and leadership. The recovery phase of the COVID-19 pandemic is a unique opportunity to adopt novel training strategies.

Methods: The Theatre Training Checklist is a simple framework that aims to facilitate awareness, understanding, coordination and cooperation of training for all members of the team (Figure 1). It is a practical strategy that can be adopted in any setting. Usually, trainers discuss informally with their trainees about their individual Skills, Experience, Expectations and what is Achievable in a planned theatre list (SEEA). However, there currently is limited opportunity to discuss this between different disciplines and the wider team. This tool aims to refine communication, optimize training, manage expectations and ensure equity across the board. The checklist has been introduced and trialed locally.

Results: The checklist is completed at the start of the list during the theatre brief. It identifies all trainees and their specific needs within the operating theatre session to the whole team. An agreed strategy is developed on how to achieve identified training goals (figure 2). Sometimes it may not be possible to allow a trainee to perform a particular procedure. However, other opportunities for training in theatre exist, such as: patient positioning, choice of equipment, types of techniques, discussions around consenting and complications etc. Feedback undertaken from the multiprofessional team after local trialing of the checklist has been positive.

Conclusions: The Theatre Training Checklist aims to create dialogue and shared understanding of training needs among all parties within the operating theatre. The Theatre Training Checklist Toolkit is available for use and consists of the checklist tool and an instructional video. The Theatre Training checklist is being piloted in some centers and we hope to have the opportunity to present some early findings at AUGIS 2021.



P-EGS11 Figure 1

TRAINING CHECKLIST		Date	AM	PM
		Scrub Lead		
		Consultant Anaesthetist:		
		Consultant Surgeon:		
Who are the Trainees / Learners?	Anaesthetic	Surgical	ODP / Scrub	Other learners
First Case				
Second Case				
Third Case				

TRAINING CHECKLIST		Date	AM	PM
		Scrub Lead		
		Consultant Anaesthetist:		
		Consultant Surgeon:		
Who are the Trainees / Learners?	Anaesthetic	Surgical	ODP / Scrub	Other learners
	CT2	CT1 ST4	New Scrub nurse	5 th year medical student
First Case				
Umbilical hernia repair with sutures	CT1 – General anaesthetic	ST4 – Performs with CT1 Consultant unscrubbed but in theatre	Go through tray with scrub nurse while performing the count	Glove and gown under supervision
Second Case				
Laparoscopic cholecystectomy	CT1 – Intubation	CT1 – induction of pneumoperitoneum, place gallbladder in bag and retrieve ST4 – Calot's dissection	Observe and help with the setting up of lap stack	Skin closure under supervision
Third Case				
Paraesophageal hernia repair	CT1 – Insertion of orogastric tube/ Bougie Consultant – Performs anaesthetic and intubates patient	CT1 – port placement ST4 – insertion of optical port & laparoscopic suturing	Scrub under supervision	Closure of port sites

P-EGS11 Figure 2