

## Introduction:

Joint Advisory Group Endoscopy (JAG) values the importance of skilled endoscopy trainers in ensuring everyday training standards are high<sup>1</sup>. Significant gains in endoscopy key performance indicators have resulted since implementing training standards<sup>2</sup> with endoscopist specific train the trainer (TTT) courses improving patient outcomes<sup>3</sup>. JAG thus mandates endoscopist TTT courses; however, the endoscopy nurse workforce aren't supported with similarly trained educators or courses. We therefore developed a bespoke train the endoscopy nurse trainer (TENT) course.

## Methods:

A working group with expertise in nurse, adult and endoscopy training from 2 NHS England Endoscopy Training Academies developed a face to face one day course complimenting JETS online modules. A multi-pronged approach targeted nurse educators in endoscopy units in two regions and 4 TENT courses delivered (Midlands=3, South West=1). Delegate evaluation was via pre- and post-course electronic surveys. Statistical analysis was with Wilcoxon matched pairs test.

## Results:

37 educators attended TENT with most having regular trainees on lists [92% (34/37)] and being in formal trainer roles [57% (21/37)]. Yet only 8% (3/37) had attended prior face-to-face TTT training. Table 1 demonstrates significant improvement in confidence in endoscopy nurse trainers in core endoscopy nurse training skills. Additionally after the course the majority of delegates expressed moderate or high confidence in their ability to teach practical skills in the endoscopy room (80%), ability to deliver practical teaching sessions outside the endoscopy room (84%) and ability to deliver lecture based teaching (74%).

	Pre-course	Post-course	p-value
I understand the challenges in nurse training within the endoscopy unit	4	5	p<0.0001
I am able to establish training objectives for my trainee prior to training sessions	3.5	5	p<0.0001
I am aware of the areas I need to develop to ensure I effectively teach a task or subject	3	5	p<0.0001
I am able to structure a teaching session	3	5	p<0.0001
I use language that the trainee understands around specific tasks and equipment	3	4	p<0.0001
I am able to give effective feedback	3	5	P=0.0002

## Conclusions:

Supporting the development of the workforce educators and establishing resources that recognise the unique challenges in professions are key objectives set out by the NHS<sup>4</sup>. Our novel TENT course enhances endoscopy nurse educators in their roles by demonstrating improvement in the confidence and ability of endoscopy nurse trainers to teach and train

effectively in their specific environment. Continued investment in endoscopy nurse training is required to develop and retain a skilled, motivated and resilient workforce

#### References

- 1) Wasche et al. Best Pract Res Clin Gastroenterol. 2016 Jun;30(3):409-19
- 2) Gavin et al. Gut. 2013 Feb;62(2):242-9
- 3) Kaminski MF et al. Gut. 2016 Apr;65(4):616-24.
- 4) Educator Workforce Strategy (hee.nhs.uk) March 2023