

# Trainees' evaluation of the English national training programme in Laparoscopic Colorectal Surgery

Susannah M Wyles<sup>1</sup>, Danilo Miskovic<sup>1</sup>, George B Hanna<sup>1</sup>, Mark G Coleman<sup>2</sup>

<sup>1</sup>Department of Surgery and Cancer, Imperial College London, UK, <sup>2</sup>National clinical lead, LAPCO, Derriford Hospital, Plymouth, UK

## Background

The National Training Programme (NTP) was set up in 2008, in response to the change in NICE guidelines (2006), to provide training targeting established colorectal surgeons who desired to learn laparoscopic colorectal surgery.

**Aim: To review the NTP trainees' opinion of the training they received in the programme.**

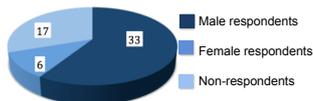
## Methods

- On-line questionnaire 2010
- Distributed to registered trainees who had completed more than five training episodes
- Trainee opinion was given using a 5-point Likert scale (1=strongly disagree, 2=disagree, 3=undecided, 4=agree, 5=strongly agree)
- Demographic data including age, sex, training region, year of specialisation were collected

## Results

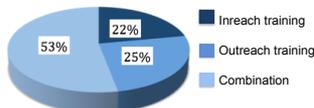
### Demographics

- 56 registered trainees fulfilled the inclusion criteria
- 39 completed (70% response rate)
- Age 45 (median) (35-62)
- 9 yrs of consultancy (median) (1-21)

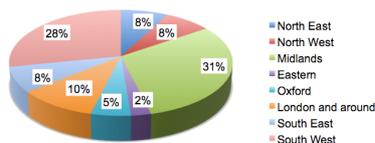


### Represented regions and training technique

- Teaching session format
  - 22% Inreach (trainee works at/travels to training centre)
  - 25% Outreach (trainer travels to trainee)
  - 53% Combination

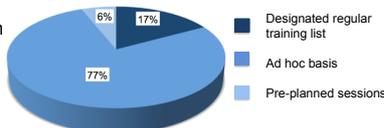


- Regional distribution of responses



### Organising the sessions

- Sessions were organised on an ad hoc basis, using a training agreement, or through a designated regular training list
- If sessions were difficult to organise (18%) this was due to either the trainer (50%) or the trainee (50%) having too many commitments.



Cancellations (7%), inadequate theatre time (6%), difficulty in consenting or organising an appropriate training case (0%), lack of support from the trust (6%) failed to have an impact on the overall organisation and delivery of training.

### Opinion of the Lapco trainer/training

(1=strongly disagree, 2=disagree, 3=undecided, 4=agree, 5=strongly agree)

| Question  | Mean | Range |
|---|------|-------|
| Excellent at training                                       | 4.7  | 4-5   |
| Teach using sound educational principles                    | 4.5  | 3-5   |
| Facilitate the operation without taking over                | 4.6  | 4-5   |
| Are calm  | 4.0  | 3-5   |
| Are clear in their instructions                             | 4.3  | 4-5   |
| Are enthusiastic  | 4.0  | 3-5   |
| Clearly have an interest in teaching                        | 4.3  | 1-5   |
| Are consciously competent                                   | 4.3  | 1-5   |
| Are consistent in their teaching                            | 4.2  | 2-5   |
| Are consistent in their operative approach                  | 3.7  | 1-5   |
| Set clear objectives before each case                       | 3.9  | 3-5   |
| Give a debrief session at the end of each case              | 3.9  | 3-5   |
| Encourage reflection and insight                            | 4.1  | 3-5   |
| Evidently work well with their team                         | 4.3  | 4-5   |
| It would be good to be trained by a combination of trainers | 2.5  | 1-5   |

### Feedback

84% trainees received regular feedback

## Conclusion

- The majority of trainees were highly satisfied with the training received thus far through the NTP
- This was irrespective of region or training structure used

### ACKNOWLEDGEMENTS

National Training Programme Training Centres: Bradford, Hull, London (Guy's and St Thomas' and Kings), Newcastle upon Tyne and Gateshead, Nottingham, North West, Oxford, Pelican (Basingstoke and Frimley park), Portsmouth, South-West Consortium, St Marks (Guildford, Colchester, St Marks)

Lapco coordination office: Laura Stapleton and Jo Foley