

A TRAINING ANALYSIS OF THE NATIONAL TRAINING PROGRAMME IN LAPAROSCOPIC COLORECTAL SURGERY IN ENGLAND (LAPCO)

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Introduction

- The National Training Programme (NTP) in Laparoscopic Colorectal Surgery (LAPCO) was devised in 2006/2007. It is funded by the National Cancer Action Team at the Department of Health and is scheduled to run to March 2013.
- It was established to implement the 2006 NICE guidelines (TA105) to ensure that laparoscopic resection could be offered to colorectal cancer patients where both laparoscopic surgery and open surgery are suitable www.nice.org.uk/TA105
- Lapco is a dedicated training programme for Consultants in England, it has 11 training centres with 65 trainers from 35 Trusts.
- It has enrolled 139 NTP trainees, and 65 NTP Trainers which totals 204 Consultants, representing one third of Colorectal Consultants in the Country.
- The aim of the analysis is to assess the quantitative impact that the Lapco training programme has had throughout England.

Methods



- Lapco Trainees are projected to require 20 training sessions to meet the competency standard. Trainees will then be invited to undertake the "sign off" assessment which requires the DVD submission of 2 cases.

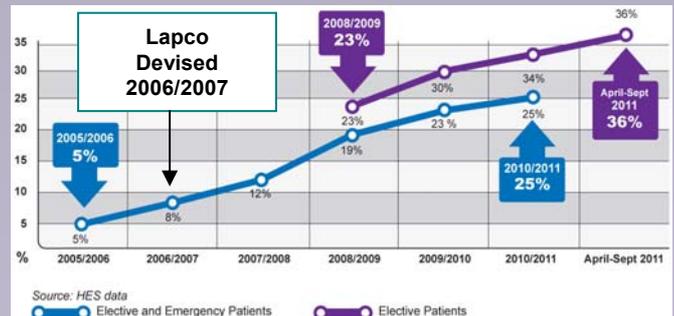
NTP Trainer Alan Horgan – A Lapco Training Session

- On line recording of theatre sessions commenced in April 2009 through the Global Assessment Score (GAS) forms. Both the trainer, and the trainee complete their own form which is uploaded to the Lapco web site after each session at www.lapco.nhs.uk
- The number of recorded sessions provides a measure of the volume of training activity undertaken. Data from the training sessions is managed by the National Coordination Office through the Content Management System (CMS) of the Lapco web site.
- Learning CUSUM Curve software has been incorporated into the web site for both the trainer and trainee to review training progress through a live base of training data.
- The Lapco web site has been developed to include dedicated sections and GAS forms for Colorectal laparoscopic Fellows, and SPRs and their trainers.
- Lapco have run an extensive programme of clinical training courses alongside training sessions to support the development of the Trainees, and Trainers nationally.
- Analysis of our registration data provides the hospital trust base for our Trainees and Trainers, providing the evidence of participation by Trusts in the programme.

Results

- A total of **1,641** Lapco training sessions have taken place to date, a further 500 are projected to be completed to March 2013. An additional 702 Colorectal Laparoscopic Fellow GAS forms have been recorded, along with a further 287 SPR GAS Forms.
- 32 Lapco Trainees are "signed off", 39 Trainees have been invited to sign off, and 68 Trainees are in their final year of training.
- There are 149 Acute Trusts in England that have colorectal MDTs, and Lapco has had wide exposure within these trusts. Our Trainees are based in 76 Trusts (51%) in England. This increases to 91 Trusts (61%) including Trainer Trusts with no trainee representation
- The spread of laparoscopic colorectal innovation surgery has been evidenced through the increase in HES data for Laparoscopic Colorectal resections which has risen from 5% in 2005/2006 to 36% (April to September 2011). The presents world leading levels of implementation.

Laparoscopic Colorectal Surgery – HES Data in England



- Lapco have run 40 courses since January 2009, providing a total of 85 course training days. This includes 12 Cadaveric Courses, 10 Immersion Courses, a pilot and 7 Lapco TT (train the trainer) Courses, 4 Theatre Practitioner Courses and 6 NTP Live Theatre Education Days for 100 delegates per course.



NTP Trainer Tom Cecil – Lapco TT Course: Day 2

- In March 2010, Lapco established a 2 day Lapco TT (Train the Trainer) Course which provides dry skills training on Day 1, and live theatre on Day 2. A total of 45 NTP Trainers, and 7 Non NTP Colorectal Consultants have attended this course.

Conclusion

- The impact of Lapco is evidenced through the volume of training recorded, the volume of training courses delivered and the number of trusts supporting the programme delivery.
- Overall, this has assisted the spread and take up of innovation led laparoscopic surgery within England over a 4 year period as evidenced by the HES data.