

# IMPROVING SURGICAL TRAINING, SCOTTISH PILOT

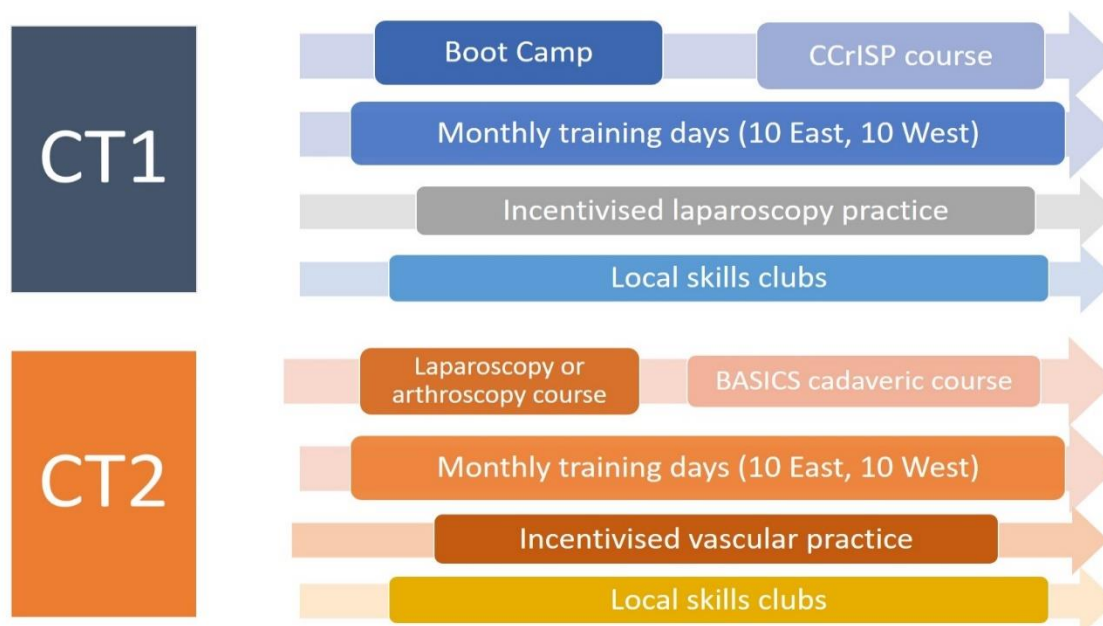
## WHAT'S INCLUDED IN THE SIMULATION BUDGET?

v3.2, updated 12<sup>th</sup> Aug 2020

The Improving Surgical Training Scottish pilot webpage is at <https://www.scotlanddeanery.nhs.scot/trainee-information/improving-surgical-training-programme-ist/>.

This document gives details for trainees of the simulation strategy that is provided for that pilot, ie all posts in the East and West of Scotland Core Surgical Training programmes. Funding for the elements of this strategy is provided by Scottish Govt through NES, in addition to the pre-existing study leave budget.

**Induction days** in August will be organised separately by the TPDs.



### Boot Camp (year 1)

“Scottish Surgical Boot Camp” is a 4-day, simulation-rich course in the Highland Clinical Skills Centre Inverness, covering a range of technical and non-technical skills and an induction to the community of practice.

Eg bowel and vascular anastomosis, skin flaps, laparoscopy. Prioritising and making effective phone calls. Situation awareness, decision making, communication and teamwork. Common error traps in surgery. Leading a ward round in simulation. Writing op notes. Communications skills challenges. How to get the most from your trainer. Starting out in research.



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COVID: We plan to go ahead but with social distancing and other adaptations, and it will still be necessary to come to Inverness. Please don't share cars with others unless you usually co-habit. Upon registration we will e-mail trainees with an offer of a deal on safe accommodation. If local COVID lockdowns affect plans and trainees cannot attend, we may put on an extra course later.

Dates: Sat 5th - Tues 8th September 2020  
Sat 19th - Tues 22<sup>nd</sup> September 2020  
Sat 24<sup>th</sup> – Tues 27<sup>th</sup> October 2020

Book at [www.surgicalbootcamps.com](http://www.surgicalbootcamps.com) or [www.rcsed.ac.uk](http://www.rcsed.ac.uk)  
IST trainees should not pay any course fee; the £750 will instead be charged directly to our Sim budget. There is however a returnable deposit.



### CCrISP course (year 1)

“Care of the Critically Ill Surgical Patient”. A 2-day simulation-rich course validated by the RCEng and delivered in all the Surgical Royal Colleges. Please note the RAPID course is not currently accepted as a substitute.

Book with [www.rcsed.ac.uk](http://www.rcsed.ac.uk), [www.rcpsg.ac.uk](http://www.rcpsg.ac.uk) or [www.rcseng.ac.uk](http://www.rcseng.ac.uk)

IST trainees should pay for the course and claim back through your TPD. It will then be charged to the sim budget, leaving your regular study leave allowance unaffected.

### Monthly training days (years 1 and 2)

10 or more themed monthly teaching days each year in the East (Edinburgh, Dundee, Aberdeen) and 10 in the West (usually Glasgow or Lanarkshire). Themes may be specialty-specific (eg plastics or urology) or generic (eg consultation skills and consent). 70% attendance expected per trainee per year, and trainees can switch sides of the country to achieve this.



COVID: This year we are running webinar format training only until November, then resuming the gathered, sim-based training from January, with appropriate measures in place.

The summary spreadsheet calendar is to be posted on our webpage shortly, close to the Turas link.

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The ICONS day, Managing Surgical Crisis day and the stoma training day are for year 2 trainees only (or for ex-IST trainees who missed last year due to COVID). Dates are:-

- ICONS, RCSEd Edinburgh - 2 dates TBA
- Managing Surg Crisis, DIHS Dundee - 3<sup>rd</sup> Nov, 4<sup>th</sup> Nov, and a day in Jan TBA
- Stoma Training, Clin Skills Kirklands Hospital Lanarkshire – 2<sup>nd</sup> Mar, 9<sup>th</sup> Mar

The anatomy teaching is for year 1 trainees or for any year 2 trainees without MRCS part A. dates to be posted on Turas.

About 6-8 out of 10 training days will have a significant simulation component, mostly component technical skills but also some non-technical. When necessary they are hosted in a skills centre (RCSEd, DIHS, QEUH TLC, Kirklands, Suttie Centre or Louisa Jordan Hospital).

Book through Turas <https://learn.nes.nhs.scot/3718/clinical-skills-managed-educational-network/improving-surgical-training-ist-pilot> . Each event opens for booking as soon as we have the minimum details from the organisers. The exception to this is the webinars – register by responding to the invitation e-mail when it comes. No fee payable. Bookings close 3 days before the event. Don't forget to check east and west schedules.

### Incentivised Laparoscopy Practice (year 1)

At induction day in August, trainees are instructed and issued with an eoSim.

Online modules to follow and target metric scores to achieve.

Practise alone, in skills clubs or in meetings with Educational Supervisor.

Video upload and scoring for each of 6 modules.

Final assessment and return of kit in April/May.

Core level certificate of satisfactory completion required at ARCP. No-one receives a non-standard ARCP outcome on the basis of this alone, but it may be taken into account alongside other evidence of progression.

Option to include advanced modules, competing for gold, silver and bronze awards.



### VA Simulation (year 2)



This year we are offering a second take-home practice programme using kits posted out to you, which include instruments and 3D-printed hydrogel blood vessel models, again with a series of online tasks.

This will appeal to CT2s or ST2s intending careers in any subspecialty.

This is still in development; details will be posted here by end of August.

Meanwhile see the existing pilot programme at [www.vasimulation.co.uk](http://www.vasimulation.co.uk).

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### Local Skills Clubs (years 1 and 2)

We now have a group supporting those who are committed to running regular one-hour skills practice sessions in local training hospitals, using eoSims and dry open surgical models. These can perhaps be alternated with journal clubs and CBD clubs. These clubs should ideally be trainee-driven with consultant support. They exist in 5 of the hospitals so far.

A range of instruments and consumables including suture supplies can be ordered from us at no charge, by e-mailing [csmen@nes.scot.nhs.uk](mailto:csmen@nes.scot.nhs.uk).

More information at induction.

Where skills clubs have not taken off, we are asking trainees and trainers to use some of the time in their regular meetings with their Educational Supervisor, to show them what tasks they are doing and ask for give some quick feedback on technique using the EOSim kit.



### Laparoscopy or arthroscopy course (year 2)

A 1- or 2-day comprehensive introduction to one of these modalities of minimally invasive surgery, including ergonomics, technique, use of energy, etc. Choose one of the following:-

- i. RCPSG one-day basic laparoscopic skills course <https://rcpsg.ac.uk/events/basiclapskills>  
28<sup>th</sup> Oct 2020, or 1<sup>st</sup> Dec 2020, or 5<sup>th</sup> March 2020. 10 weeks before the course date, it is opened up to non-IST bookings too, so book early to avoid disappointment.  
Book by e-mailing [melanie.sinclair@rcpsg.ac.uk](mailto:melanie.sinclair@rcpsg.ac.uk) and let her know you are an IST year 2 trainee. You should not pay a fee – it will be charged directly to the IST budget. If however you have already booked online and paid, you can claim back through your TPD, to come off the sim budget not your study leave allowance.
- ii. Dundee two-day Core Skills in Laparoscopic Surgery Course  
12<sup>th</sup>-13<sup>th</sup> Oct 2019, and further runs TBA.  
Book online at <https://dihs.dundee.ac.uk/courses/general-surgery/core-skills-laparoscopic-surgery-course> , but as an IST year 2 trainee you should not pay up front – they will charge our sim budget directly. If you have already booked and paid, it should be a discounted fee for IST (£450) and you can claim back through your TPD, to come off the sim budget not your study leave allowance.
- iii. Dundee 2-day Core arthroscopic skills course  
Dates TBA.



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### BaSiCS- Basic Surgery Cadaver Skills (year 2)



A 2 day cadaver-based course provided by the RCPSG in the Clinical Anatomy and Skills Centre Glasgow. Puts together component skills into whole operations:

- Laparotomy, laparoscopy
- Laparoscopic / open appendicectomy
- Inguinal hernia repair
- Small bowel resection / anastomosis
- Approach to the femoral artery

[www.rcpsg.ac.uk/events/cascbasics](http://www.rcpsg.ac.uk/events/cascbasics)

Dates - 5<sup>th</sup>-6<sup>th</sup> Nov 2020.  
11<sup>th</sup>-12<sup>th</sup> Feb 2021.

Book by e-mailing [melanie.sinclair@rcpsg.ac.uk](mailto:melanie.sinclair@rcpsg.ac.uk) and let her know you are an IST CT2 trainee. You should not pay a fee – it will be charged directly to the IST budget.

There is no urology-equivalent course this year.

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