

DESIGN, IMPLEMENTATION AND EVALUATION OF A ONE-WEEK SURGICAL BOOTCAMP FOR INCOMING TRAINEES IN GENERAL SURGERY: A BELGIAN EXPERIENCE

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Introduction

- The overall quality of surgical training in Belgium can be improved
- The qualification and the assessment of the trainees selected in the general surgery Masters are not defined
- Up to now, there is no specific training for these young trainees who in one day, are no longer medical students to be young surgeons
- Master of Medicine has been reduced from 7 to 6 years, with a decrease in both theoretical but more importantly, practical knowledge
- FUS training is too late and theoretical
- Trainees have very few opportunity to leave clinical department

Aim

- Surgical Bootcamp
- One week of theoretical and practical courses
- Free
- Last week of September
- 2 courses to date: 2020 & 2021

- Questionnaire before, after 1 month and 6 months

Questionnaire before the Bootcamp (n=30)

- I feel ready to start my residency and to be on-call: 23%
- Covid impaired our training: 18%
- Surgical training before residency should be improved: 93%
- I am confident with scrubbing: 100%
- I know the name of the main surgical tools: 100%
- I am able to perform a knot with a needle holder: 100%
- I am able to perform a hand knot: 84%
- I know the different sutures and needles: 43%

Questionnaire before the Bootcamp (n=30)

- I already performed simple interrupted suture 100%
- I already performed Donati suture 100%
- I already performed running subcuticular suture 96%
- I know about the theoretical and practical aspect of local anaesthesia 60%
- I am confident with surgical care of a wound 74%
- I am confident with surgical care of an abscess 56%
- I already performed a cast 66%
- I am confident with casts 20%

Questionnaire before the Bootcamp (n=30)

- I already placed a thoracic drain 23%
- I already placed a bladder catheter 86%
- I already performed a cystostomy 3%
- I already saw a cystostomy 70%

Département de Chirurgie

LIEGE
SURGICAL BOOTCAMP 2.0
2021

20 au 24 septembre 2021

M&M

LUNDI 20 SEPTEMBRE 2021

Salle 50, Anatomie Humaine

8h30 :	Accueil	Pr O Detry
8h45-9h00 :	Le tronc commun de chirurgie	Mme L Smits
9h00-10h00 :	Les commissions d'agrément	Dr J Quaniers
10h00-10h30 :	Le cahier de stage	Dr S Martus
11h00-12h30 :	Principes d'antibiothérapie chirurgicale	Dr PY Hardy
		Dr C Malengreaux
13h00-13h30 :	Sutures et nœuds chirurgicaux	Pr O Detry
13h30-14h00 :	Plaies & Abscesses	Dr J Berger
14h00-14h30 :	Anesthésie locale	Dr J Berger
14h30-16h30 :	Atelier sutures	
17h00-18h00 :	Les urgences abdominales de l'enfant	Dr M Demarche

MARDI 21 SEPTEMBRE 2021

Salle 50, Anatomie Humaine

8h15 :	Accueil	Pr O Detry
8h30-10h00 :	Le matériel de suture et de ligature	Mr K Mertens
10h30-11h30 :	Les énergies au bloc opératoire	Mr S Laval
11h30-13h00 :	Agrafage en chirurgie	Mr Ervinckx
13h30-14h30 :	Les urgences rachidiennes	Pr Ph Gillet
14h30-15h30 :	Les urgences ortho non rachidiennes	Dr A Valcu
16h00-17h00 :	Les urgences ortho de l'enfant	Dr I Schrouff
17h00-18h00 :	Les urgences de la main	Dr P Massagé



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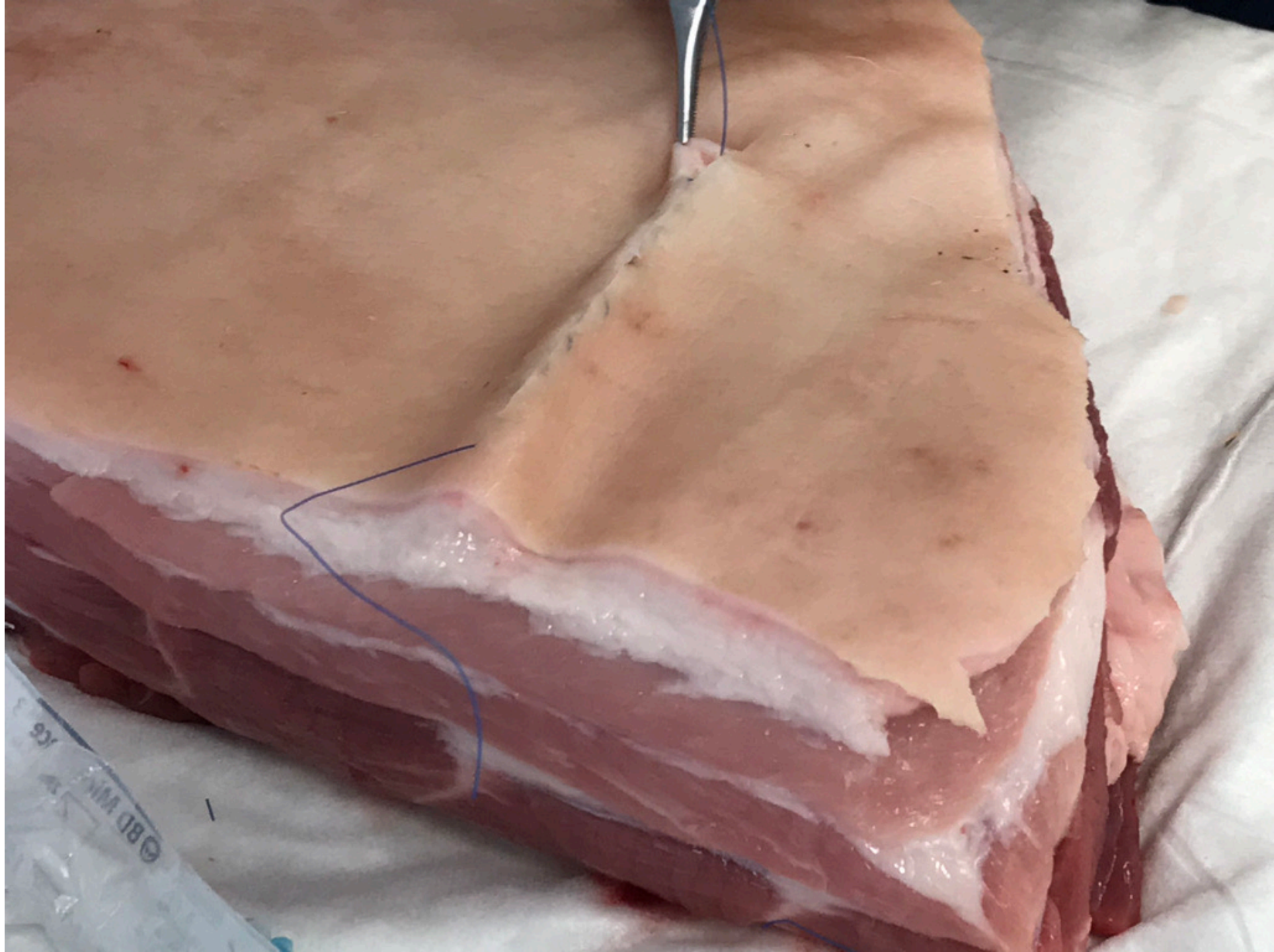




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M&M

MERCREDI 22 SEPTEMBRE 2021

Salle 50, Anatomie Humaine

8h15 :	Accueil	Pr O Detry
8h30-9h30 :	Les urgences neurochirurgicales	Dr A Lombard
9h30-10h30 :	L'abdomen aigu	Pr O Detry
11h00-12h00 :	Le pneumopéritoine	Pr A Kaba
12h00-12h30 :	La colonne de laparoscopie	Pr O Detry
12h30-13h00 :	Les simulateurs de laparoscopie	Pr O Detry

Atelier Laparoscopie - Applied
Centre de Simulation CHU Liège

14h00-17h00 :	Atelier simulation laparoscopie	Mr G Schuermans Mme A David Pr O Detry
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JEUDI 23 SEPTEMBRE 2021

Atelier Laparoscopie - Applied

Centre de Simulation CHU Liège

8h15 :	Accueil	Pr O Detry
8h30-10h30 :	Atelier simulation laparoscopie	Mr G Schuermans Mme A David Pr O Detry

Salle 50, Anatomie Humaine

11h00-12h00 :	Proctologie aux urgences	Dr C Coimbra
12h00-13h00 :	Les urgences urologiques	Dr Q Bonnet
13h30-14h30 :	Drainage et urgences thoraciques	Dr D Szecl

14h30-16h30 : Atelier Simulation sur Cadavres

Drainage thoracique, sonde urinaire, cystostomie, pneumopéritoine	Dr D Szecl Dr Q Bonnet Pr O Detry
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VENDREDI 24 SEPTEMBRE 2021

Atelier Orthopédie – Dupuy Synthes

Salle 50, Anatomie Humaine

8h15 :	Accueil	Pr O Detry
8h30-9h00:	Orthopédie pratique	Pr T Thirion
9h00-9h30 :	Vis et plaques conventionnelles	Dr X Dunand
9h30-10h00 :	Principes et techniques d'enclouage	Dr A Valcu
10h00-10h30 :	Quizz	
11h00-12h30 :	Atelier plaque et ostéosynthèse de fracture pertrochantérienne	
	Théorie : Dr X Dunand, Pr T Thirion	
	Pratique : Dr X Dunand, Dr A Valcu, Pr T Thirion	

Salle Plénière, niveau -1 de la tour 4, Centre de Simulation

13h00-17h00 :	Atelier Plâtre	Dr J Berger
		Mr D Clerin





Département de Chirurgie

LIEGE SURGICAL BOOTCAMP 2.0 2021

20 au 24 septembre 2021





LIÈGE université
Médecine

Département de Chirurgie

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Questionnaire 1 month after the Bootcamp (n=26, 86%)

- The Surgical bootcamp helped me (0-10) 8.7
- The objectives were clear (0-10) 8.4
- The objectives were completed (0-10) 8.2
- Happy with the program (0-10) 9
- Positive points: Practical sessions
- To be improved avoid too many theoretical courses or repetition of what was given in medical school, 2 days on cadavers
- Length of the Bootcamp: OK 42%, too short 58%
- Should we repeat the experience? 100%
- Would you recommend it to next year trainees ? 99%

Discussion

- There is need for improvement in surgical training
- Surgical bootcamps could be one of the means to improve this training

- There is a clear need for further practical courses
- Surgical training should be reorganised with cooperation between universities and non-university supervisors
- Many issues: financing, participation, organisation, control

