

LIEGE SURGICAL BOOTCAMP

Pr Olivier Detry

Dpt of Abdominal Surgery and Transplantation, CHU Liege

Associate Professor of Surgery ULiege

Centre de Recherche et d'Enseignement du Département de Chirurgie (CREDEC) ULiege,

Introduction

- The overall quality of surgical training 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
- The inter-university training (FUS) is theoretical and given too late
- Trainees have very few opportunity to leave clinical department

Aim

- Surgical Bootcamp
- One week of theoretical and practical courses
- Free
- Last week of September
- 5 courses to date: 2020 - 2024

- Questionnaire before, after 1 month and 6 months

Questionnaire before the Bootcamp (n=14)

- I feel ready to start my residency and to be on-call: 15%
- 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: 38%

Questionnaire before the Bootcamp (n=14)

- I already performed simple interrupted suture 100%
- I already performed Blair Donati suture 100%
- I already performed running subcuticular suture 100%
- I know about the theoretical and practical aspect of local anaesthesia 60%
- I am confident with surgical care of a wound 54%
- I am confident with surgical care of an abscess 46%
- I already performed a cast 61%
- I am confident with casts 8%

Questionnaire before the Bootcamp (n=14)

- I already placed a thoracic drain 15%
- I already placed a bladder catheter 77%
- I already performed a cystostomy 0%
- I already saw a cystostomy 7%

Questionnaire before the Bootcamp (n=14)

- I know the principles of electrosurgery 23%
- I know the theoretical and practical principles of local anaesthesia 54%
- I already opened an abdomen 7%
- I already sutured a linea alba 23%

Département de Chirurgie

LIEGE
SURGICAL BOOTCAMP 5.0
2024

16 au 25 septembre 2024

8AM to 6PM

M&M

LUNDI 16 SEPTEMBRE 2024

Salle 50, Anatomie Humaine

8h00 : Accueil, café et croissants
8h30-10h00 : Le tronc commun de chirurgie
Les commissions d'agrément
Le tronc commun de chirurgie
10h00-10h30 : Les carnets de stage
- Chirurgie générale

Pr O Detry
Dr J Quaniers
Pr O Detry
Mme M Russo
Dr C Simonis



11h00-12h00: Les fils de suture en chirurgie
12h00-12h30: Sutures et nœuds chirurgicaux

13h00-13h30 : Plaies & Abscesses
13h30-14h00 : Anesthésie locale

14h00-16h00 : Atelier : incisions, sutures & anesthésie locale

Mme J Lemoine
Pr O Detry

Dr J Berger
Dr J Berger
Pr O Detry



10h30-11h00: Photo de Groupe, confirmation souper 23/9

16h30-18h00 : Les urgences abdominales de l'enfant

Dr M Demarche



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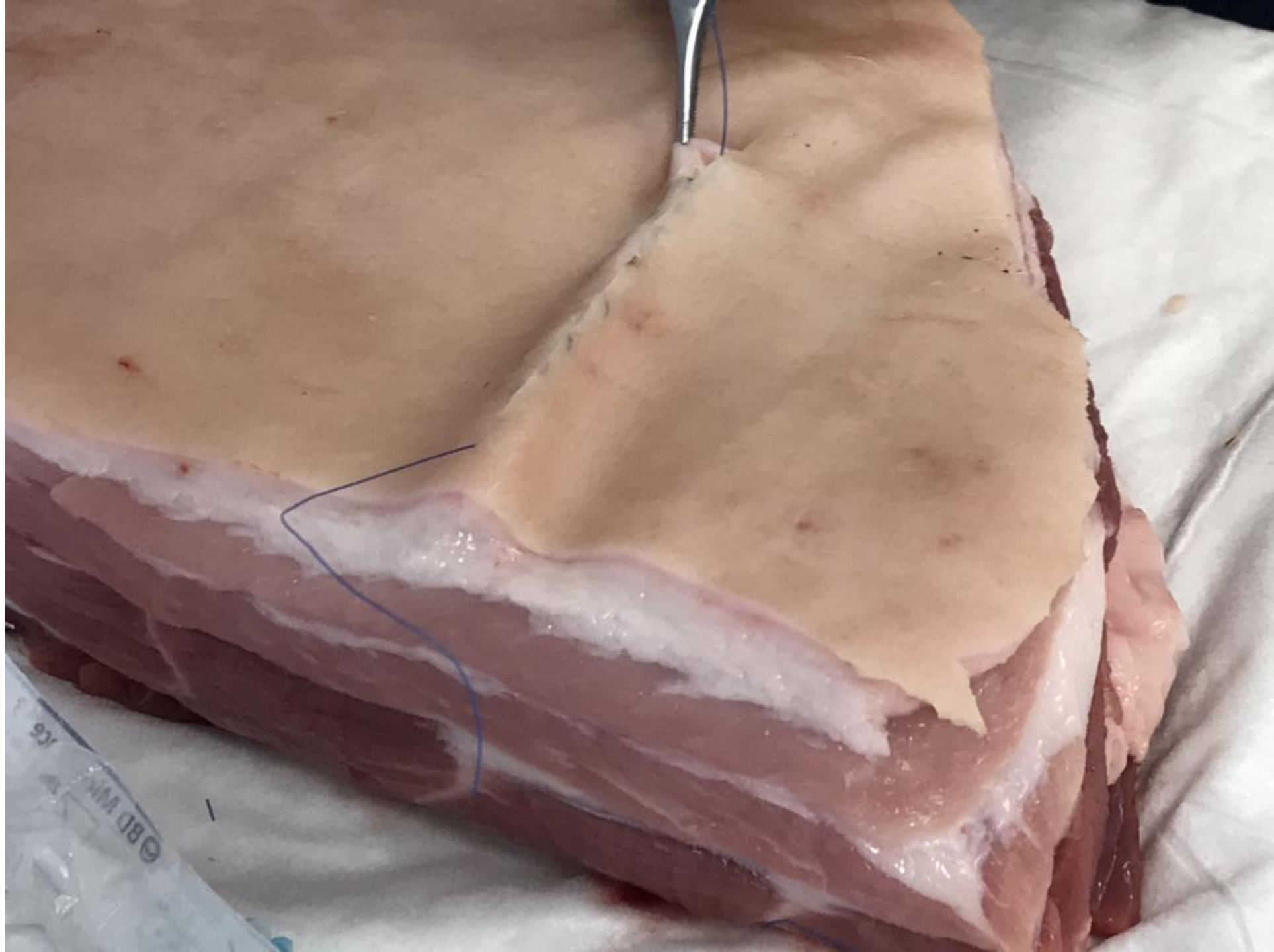




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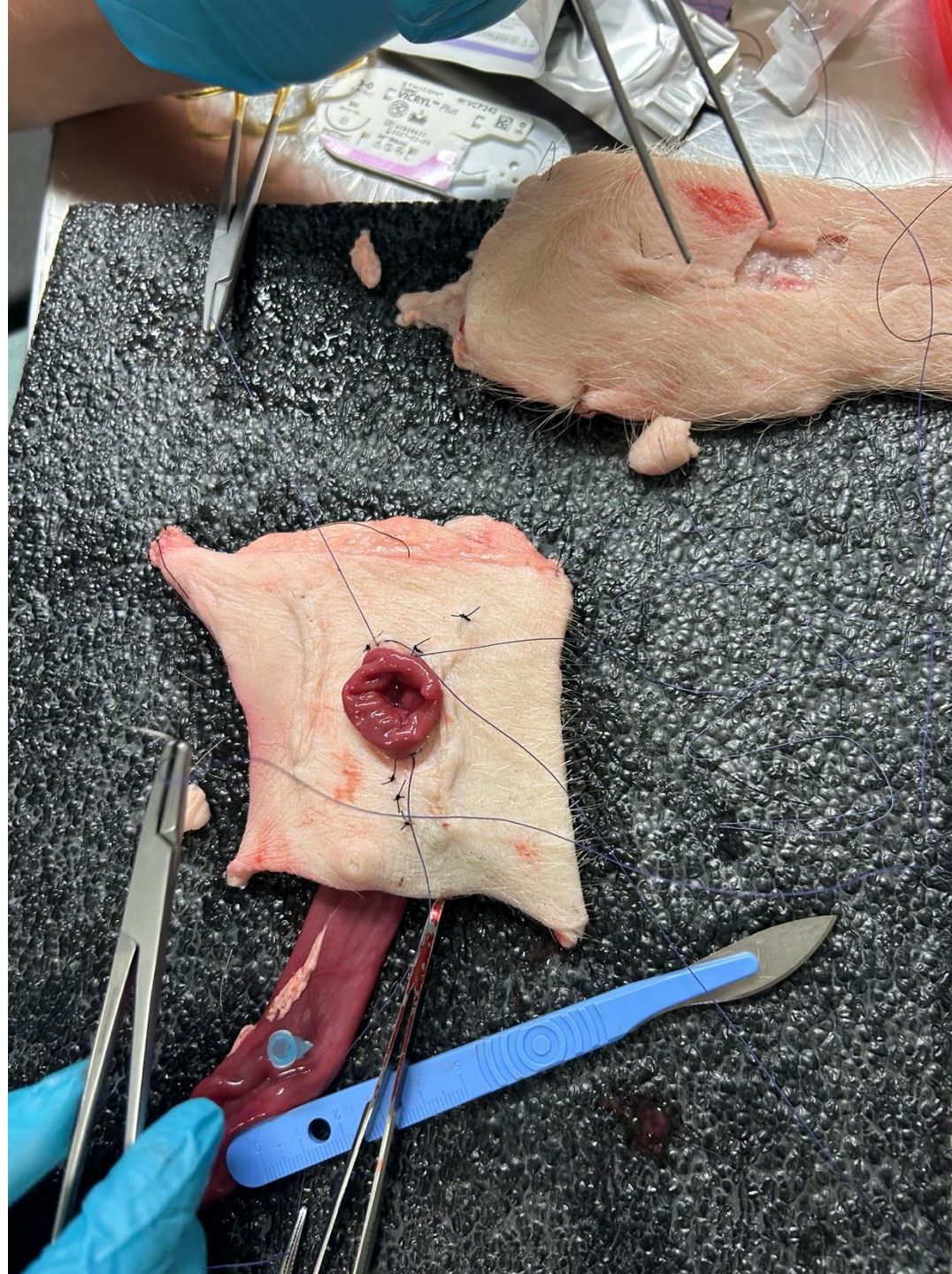


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MARDI 17 SEPTEMBRE 2024

8h00 : Café et croissants

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

8h30-16h00 : Atelier Immobilisation plâtrée

Dr J Berger

Atelier traction

Mr D Clerin



Salle 50, Anatomie Humaine

16H30-18h00 : Prise en charge du patient brûlé

Dr F Martin



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LIEGE SURGICAL BOOTCAMP 5.0

2024

16 au 25 septembre 2024

8AM to 6PM



MERCREDI 18 SEPTEMBRE 2024

8h00 : Café et croissants

8h15 - 10h00 : Proctologie aux urgences Dr C Coimbra

10h00-10h30 : Pause

10h30-12h00 : Bases de l'antibiothérapie chirurgicale Dr A Kaba
Dr PY Hardy

12h00-12h30 : L'abdomen aigu Pr O Detry

Après-midi: Les urgences osseuses

13h30-14h30 : Les urgences ortho non rachidiennes Dr A Valcu

14h30-15h30 : Les urgences de la main Dr P Massagé

16h00-17h00 : Les urgences ortho de l'enfant Dr I Schrouff

17h00-18h00 : Les urgences rachidiennes Pr Ph Gillet

JEUDI 19 SEPTEMBRE 2024

Salle 50, Anatomie Humaine

8h00 : Café et croissants

8h15 - 9h30 : Les urgences neurochirurgicales Dr G Reuter

9h30-10h00 : Atelier bonnet compressif Dr G Reuter

10h00-12h30 Medtronic Morning



Medtronic
Further, Together

Rappels théoriques & atelier de manipulation

10h00-11h00 : Les énergies au bloc opératoire Mr S Laval

11h00-12h00 : Agrafage en chirurgie Mr Ervinckx

12h00-12h30 : Pratique sur matériel

13h00-16h00 : Atelier Laparoscopie - APPLIED

Centre de Simulation CHU Liège - route 688

Mr G Schuermans

Mme V Richel

Team Abdo & Team Gynéco



Applied
Medical



Département de Chirurgie

LIEGE
SURGICAL BOOTCAMP 5.0
2024

16 au 25 septembre 2024

8AM to 6PM



VENDREDI 20 SEPTEMBRE 2024

Atelier Orthopédie - Dupuy Synthes

Salle 50, Anatomie Humaine, Team Ortho



8h00 : Café et croissants

08h30-9h30 : Traumatisme de l'appareil locomoteur Pr T Thirion

9h30-10h15 : Vis et plaques conventionnelles Dr X Dunand

10h15-11h00 : Principes et techniques d'enclouage Dr A Valcu

11h00-11h15 : Pause

11h15-12h30 : Discussion de cas cliniques Dr A Valcu/Dr X Dunand

12h30-13h30: Lunch

13h30-16h00 : Atelier plaque et ostéosynthèse Pr T Thirion

Dr X Dunand, Dr A Valcu, Dr F Bonnevie, Dr C Kabore

LUNDI 23 SEPTEMBRE 2024

Salle 50, Anatomie Humaine

8h00 : Café et croissants

08h00-09h00 : Physiopathologie du pneumopéritoine

Pr A Kaba

09h00-9h30: La colonne de laparoscopie

Pr Olivier Detry

09h00-12h30 : Atelier pratique Cadaver Lab

Team Abdo

Bases pratiques de la laparoscopie



Medtronic
Further, Together

STORZ
KARL STORZ — ENDOSKOPE

13h30-16h00: Atelier pratique Cadaver Lab

Team Ortho

Bases pratiques de la chirurgie orthopédique

Pr T Thirion, Dr F Bonnevie, Dr C Lapiece

16h30-18:00: Les urgences maxillo-faciales

Dr L Groeneveldt

19h30: Souper aux Granges (Tilff)

Medtronic
Further, Together

MARDI 24 SEPTEMBRE 2024

Salle 50, Anatomie Humaine

8h00 : Café et croissants

08h00-09h00: Drainage thoracique - Théorie

Dr D Szeceł

Pr R Durieux

09h00-10h30: Drainage thoracique - Atelier pratique Cadaver Lab

11h00-11h30: Trachéostomie - Théorie

Dr A Ancion

11h30-12h30: Trachéostomie - Atelier pratique Cadaver Lab

13h00-13h30: Cystostomie - Théorie

Dr Q Bonnet

13h00-14h30: Cystostomie - Atelier pratique Cadaver Lab

14h30-15h30: Laparotomie - Théorie

Pr O Detry

15h30- 17h00: Laparotomie - Atelier pratique Cadaver Lab

Pr O Detry, Pr Pierre Honoré @ Team Abdo

ETHICON

PART OF THE Johnson & Johnson FAMILY OF COMPANIES

Shaping
the future
of surgery



Département de Chirurgie

LIEGE
SURGICAL BOOTCAMP 2.0
2021

20 au 24 septembre 2021

MERCREDI 25 SEPTEMBRE 2024

Salle 50, Anatomie Humaine

8h00 : Café et croissants
8h30 - 13h00 : Simulation en Laparoscopie

Atelier Simendo



Atelier Dry- lab



Atelier Simulation avancée

Simulateurs Simbionix

14h00- 14h30:	Le drainage thoracique: Indications, suivi, contraintes	Dr D <u>Szecel</u>
14h30-15h30:	Les urgences thoraciques	Dr D <u>Szecel</u>
16h00-17h30:	Les urgences vasculaires	Dr D <u>Szecel</u>
17h30-18h00:	Ma formation chirurgicale: Ressources et conseils	Dr D <u>Szecel</u>

16h30-18h00: Cloture du Bootcamp 5.0

Réponse au questionnaire de suivi



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, universities, non university « Maitres de stage »....
- Many issues: financing, participation, organisation, control

Perspectives

- Inter-university curriculum ULiege – UCL – ULB
- Organized log-book during trainee-ship
 - simulation procedures dry-lab, wet-lab, cadaveric lab, advanced simulation
 - step-by-step surgical evolution, with necessary completion of part of surgical procedures (1st year) to full autonomy (6th year)
- Obligation of theoretical courses / RBSS / university (MANAMA)

THANKS to

- University of Liege (Annual Education Grant)
- Medical Simulation Center, ULiege
- Department of Anatomy, ULiege
- Karl STORZ Liege Endoscopic Center ULiege

