



# ***European Trauma Course***

## ***Why should anaesthesiologists do it?***

**Fabian Kooij, @F\_Kooij**

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***ahead in perioperative care***  
**department of Anesthesiology**



Fabian Kooij. 10-й Британсько-Український Симпозіум. Київ, 2018



# ***Conflict of Interest***



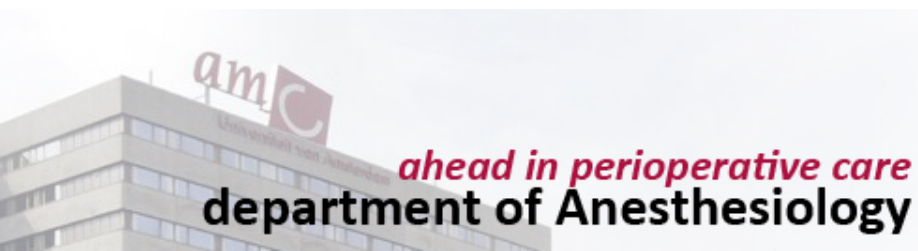
ETC Instructor

Firm believer in the ETC concept



@F\_Kooij

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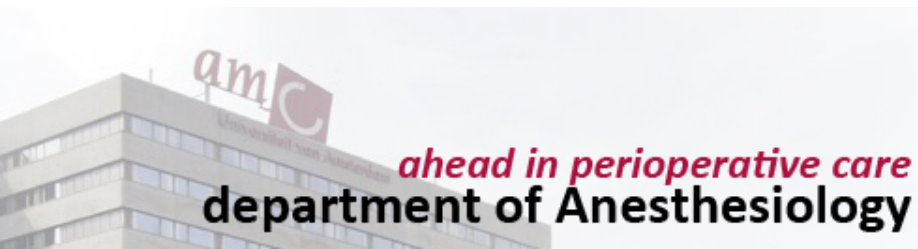




# ***European Trauma Course***



1. Idea
2. European cooperation
3. Course, educational concept
4. International implementation
5. New Developments





Trauma is a  
SURGICAL  
disease!



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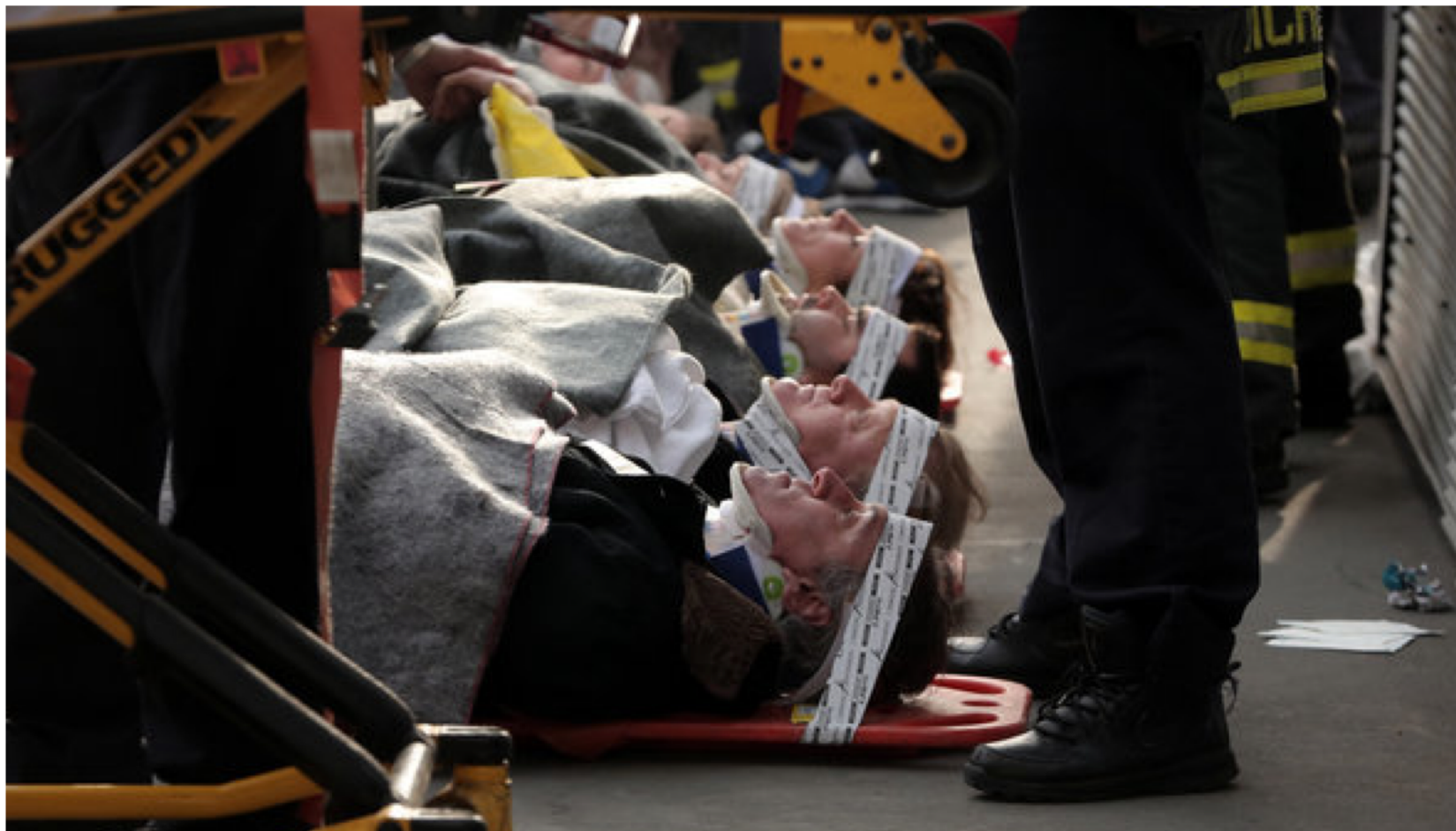


Trauma is a  
(surgical)  
DISEASE!



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# Staten Island ferry crash, 1/'13



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# The "Kick-off"





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# European Trauma Course Organisation



# ESA



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## First Pilot ETC Valetta, 2006





# The 1<sup>st</sup> official European Trauma Course Ghent, Belgium

May 19<sup>th</sup> - 21<sup>st</sup> 2008



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# ***Objectives***



- Initial clinical management of major trauma
- Non-technical skills



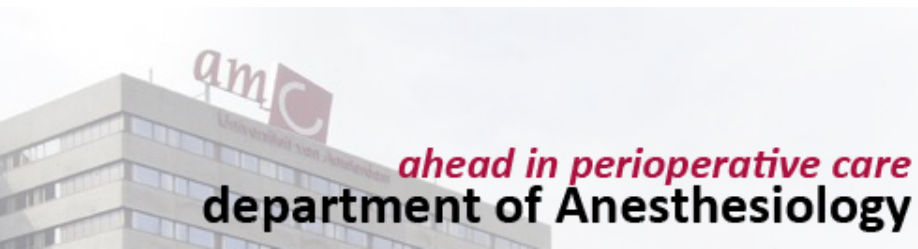




# ***Target Groups***



- Doctors involved in trauma care
  - Basic knowledge of trauma required
- ED-nurses, paramedics, ODPs
  - At independent practitioner level
- Trauma Support Practitioners
  - Pilot, started 2015





# ***Course format***



- 2,5 days
- 24 candidates
- 12 instructors
- 1 lecture
- 1 demonstration
- 11 workshops
- Assessment



**90% practical in workshops**



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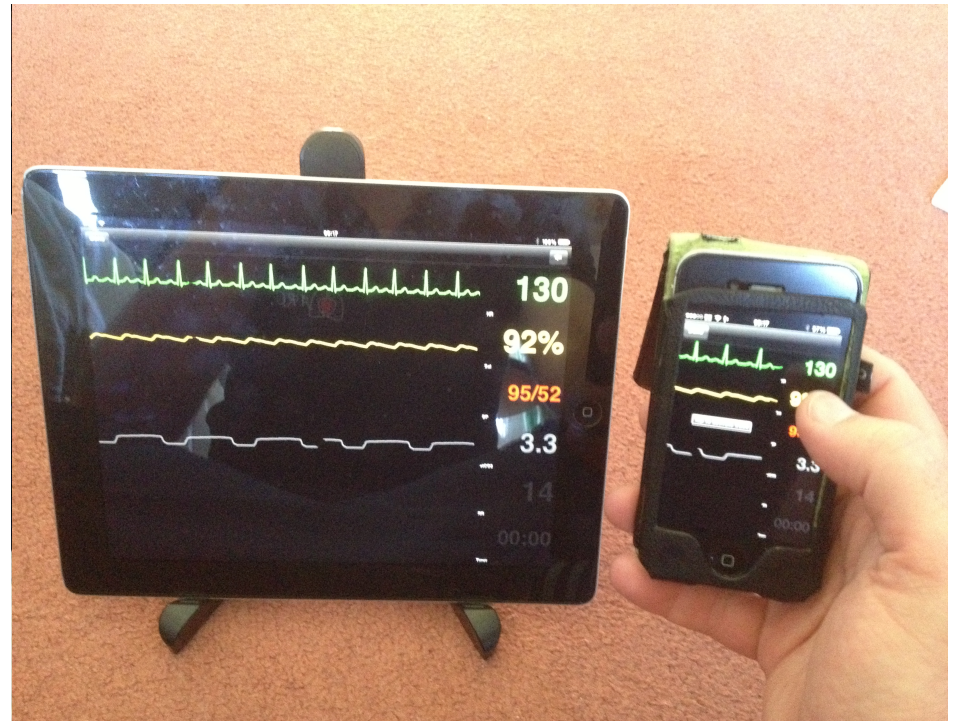




# *Teaching material*



- Lifesize dummies
  - Intubateable
- All the stuff in your ER:
  - Airway equipment
  - IVs, drips
  - Chest drains
  - Immobilisation equip
- Two laptops per workshop
- SimMon







# ***The candidates***



- 4 candidates per group
  - Work as a trauma team
- Trauma support practitioners
  - Nurse
  - Scribe
- No fixed teams





# ***The workshops***



- Airway management
- Shock management
- Chest trauma
- Traumatic Brain Injury
- Abdominal & pelvic trauma
- Spinal trauma
- Extremity trauma
- Paediatric Trauma
- Transport







# ***The scenario's***



- Each workshop contains 2-4 scenario's
  - 31 scenarios in the course
- Each scenario has a specific learning objective
- Each scenario contains
  - briefing
  - one guided trauma admission scenario
  - integrated skills teaching
  - team debriefing





# Briefing & Preparations



ED Pre-Alert

## Team Brief

Team  
Introduction  
Case  
Introduction  
and  
Role Allocation:  
**Airway**  
**Breathing**  
**Circulation**

## Formulation of Plan A

upgrade resources, and formulate Escape Strategies: Plan B and Plan C

**Airway**  
Preparation  
and  
Equipment  
Check

**Breathing**  
Preparation  
and  
Equipment  
Check

**Circulation**  
Preparation  
and  
Equipment  
Check

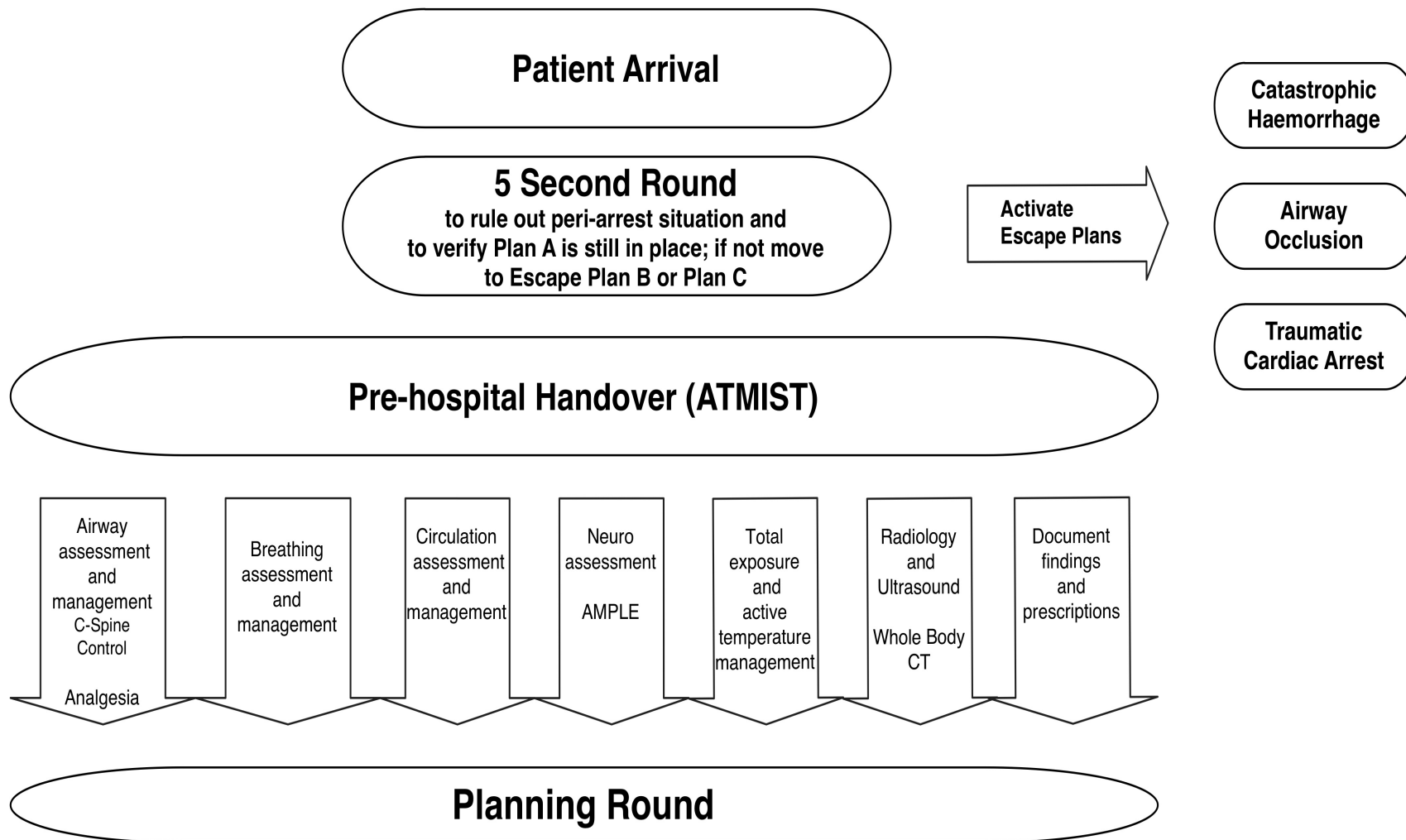
**Communication**  
with other  
Teams:  
Blood-  
Transfusion-  
Service  
Radiology

## Patient Arrival





# The team approach

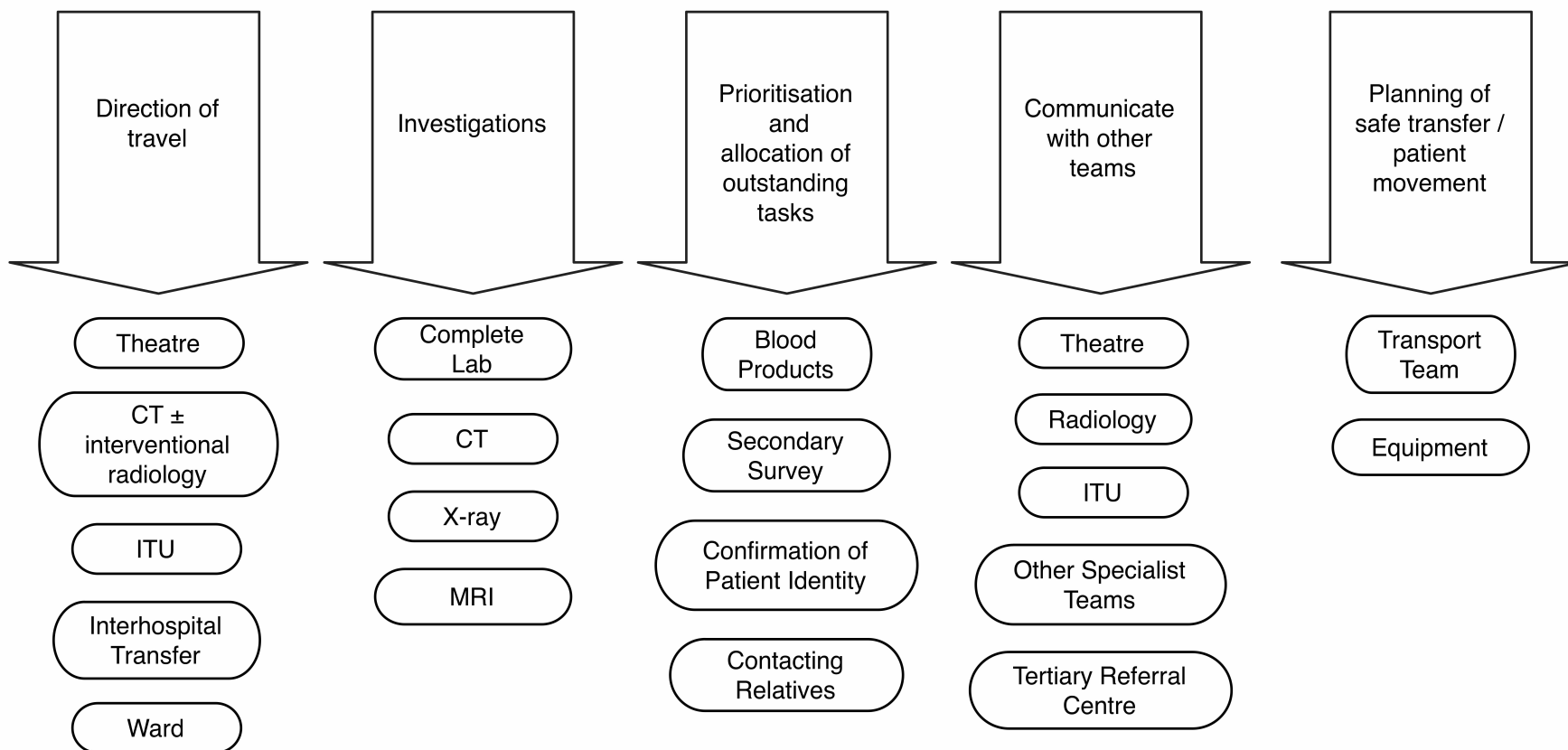




# Individual Patient Pathway



## Planning Round





# Debriefing

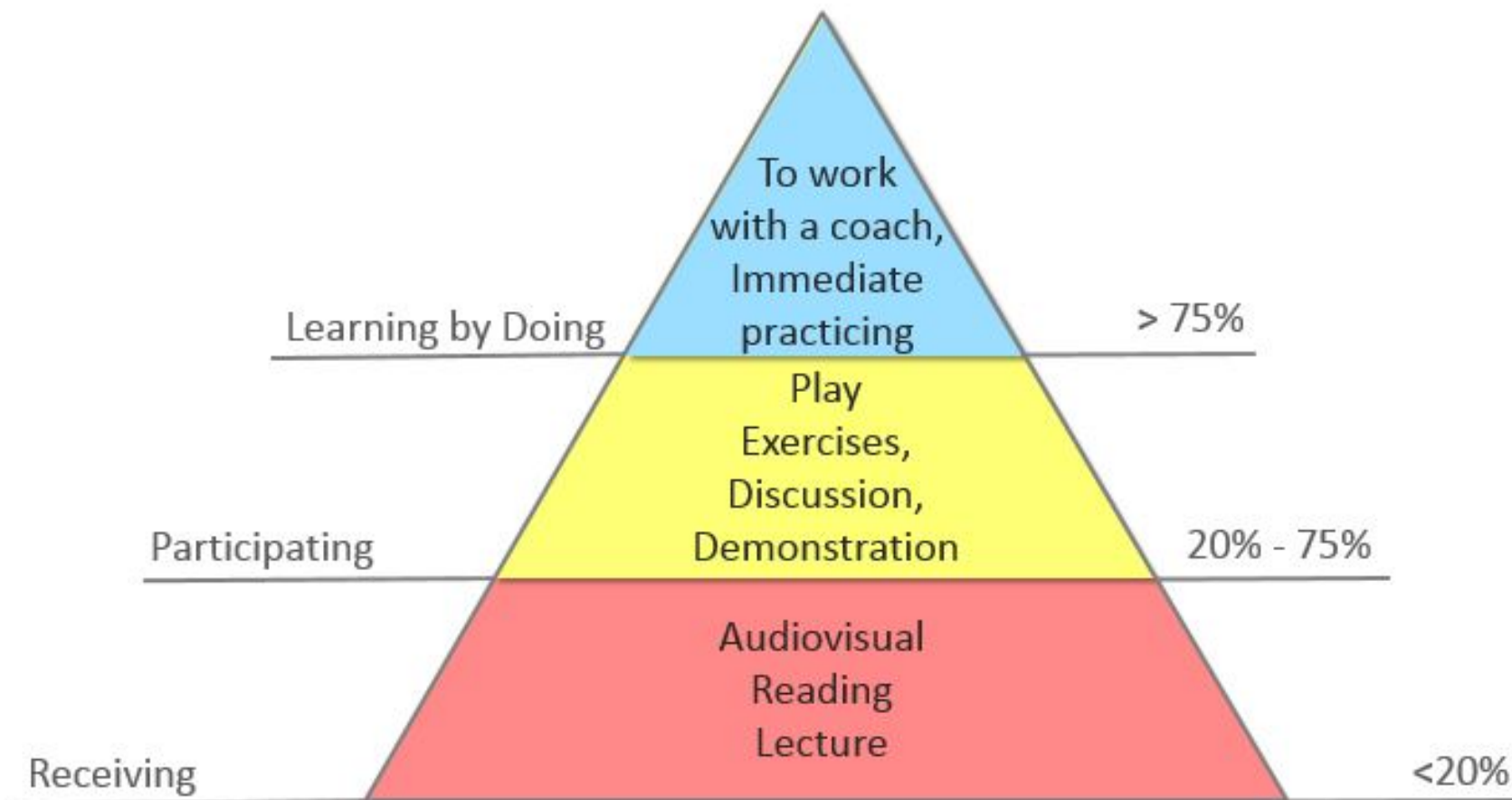


## Learning Conversation

- Most crucial part of the learning experience
- Appraisal of individual and team aspects
- Reflecting on learning objectives

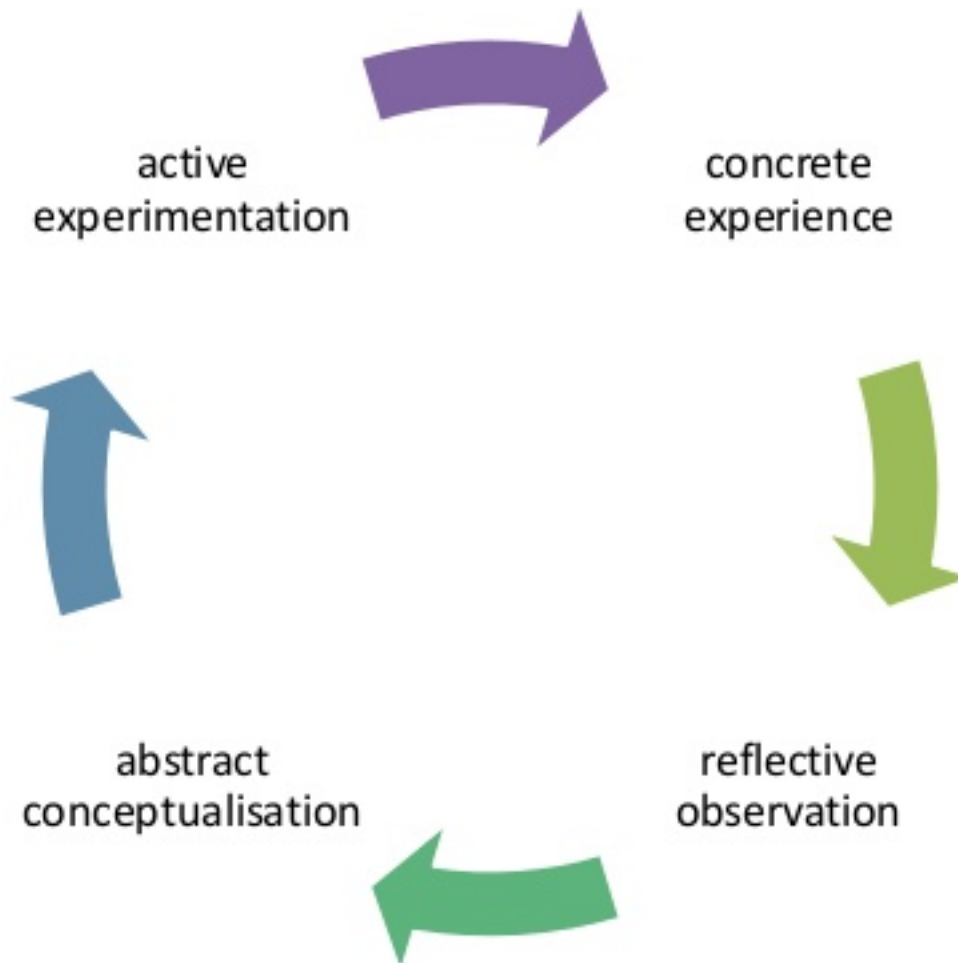








# Experimental Learning Cycle





# ***Assessment***



## **Formative Assessment**

- During the whole course
- Knowledge
- Team leadership
- Team membership

## **Summative Assessment**

- Test Scenario on day 3
- Standardised scenarios
- Candidate is Team leader
- 20 predefined criteria







# *The implementation*



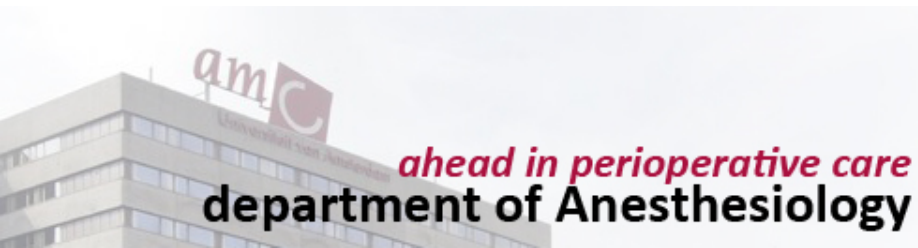
Observers

200 official observer

- National organisations
- International organisations

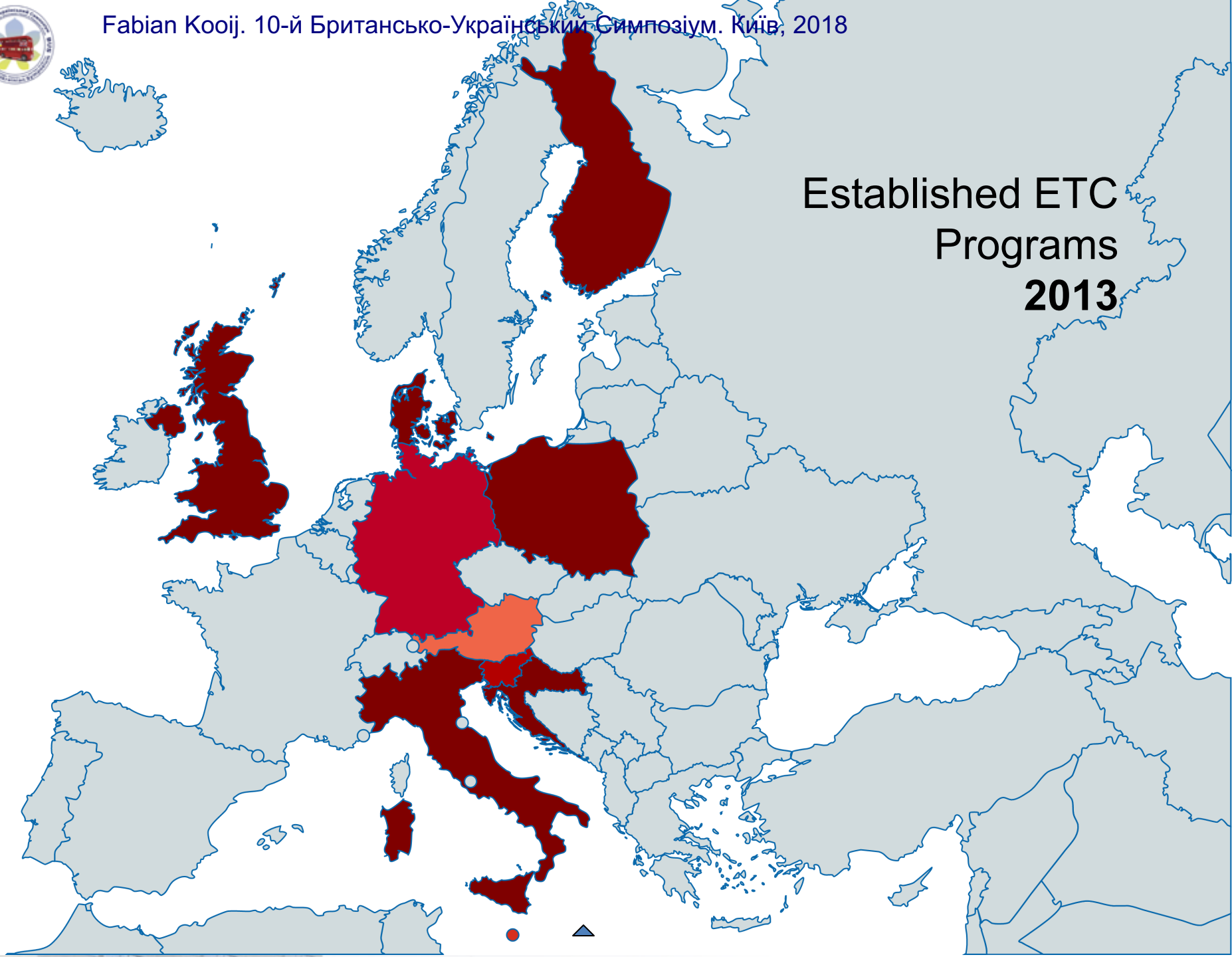
9000 health care professionals trained

- 25 countries
- Africa
- Asia
- Exponential growth



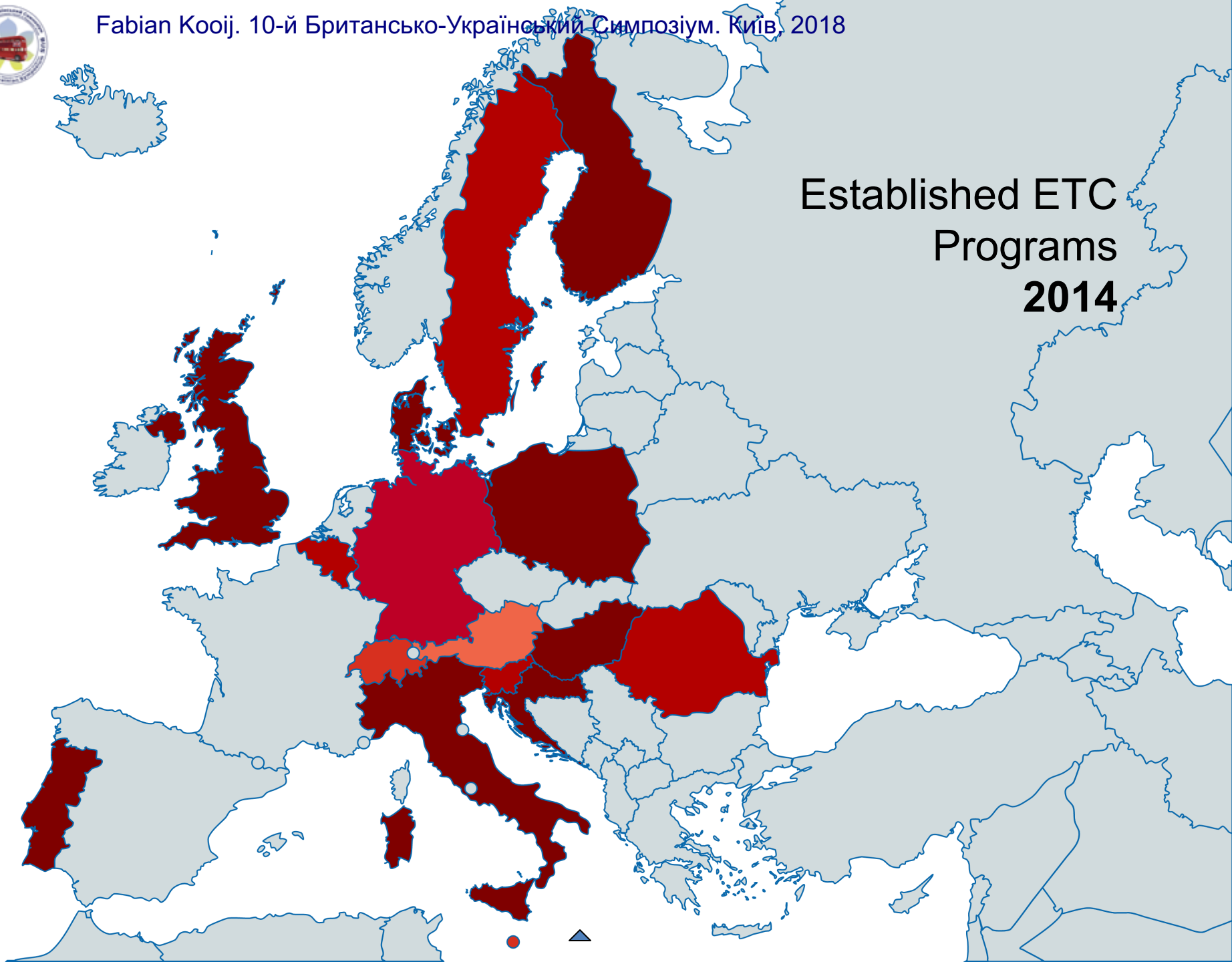


# Established ETC Programs **2013**

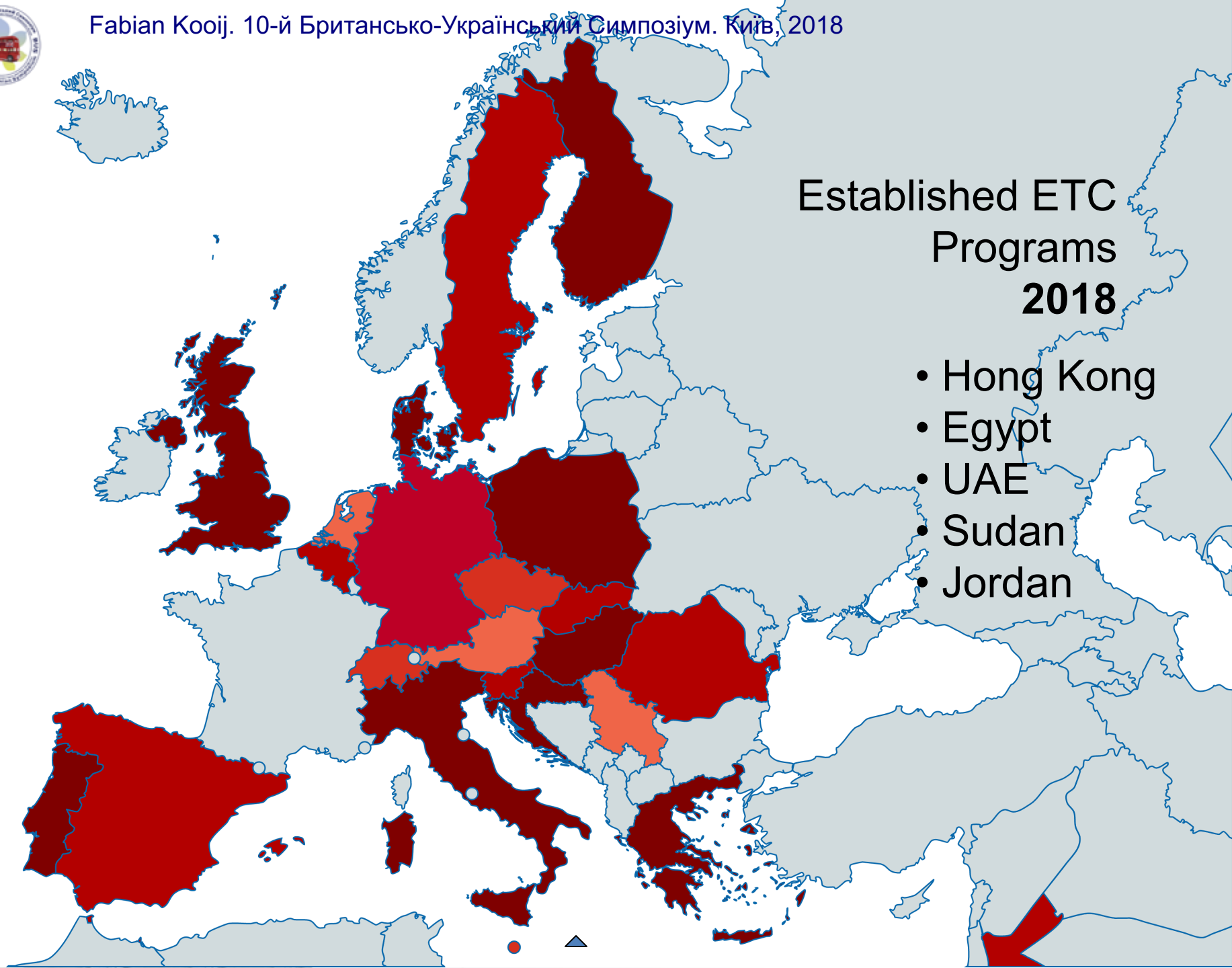




# Established ETC Programs 2014





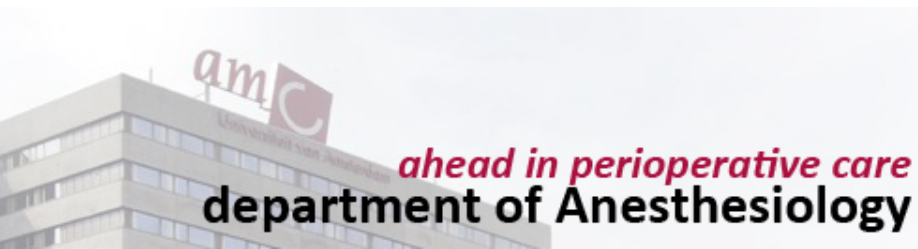




# ETC in numbers

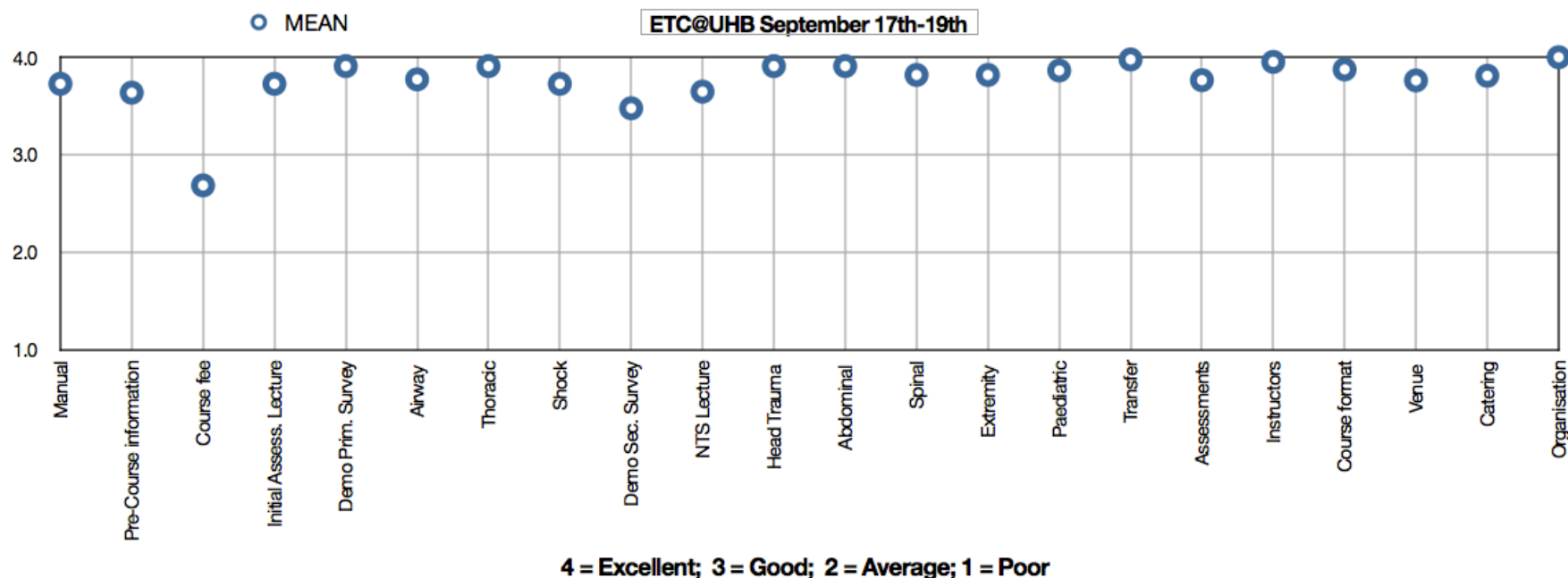


- 400 courses since start of the programme
- Faculty
  - 70 course directors
  - 550 instructors
  - 900 instructor candidates





# What do candidates think?

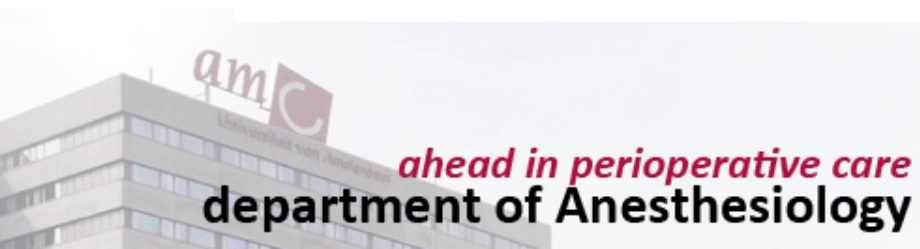
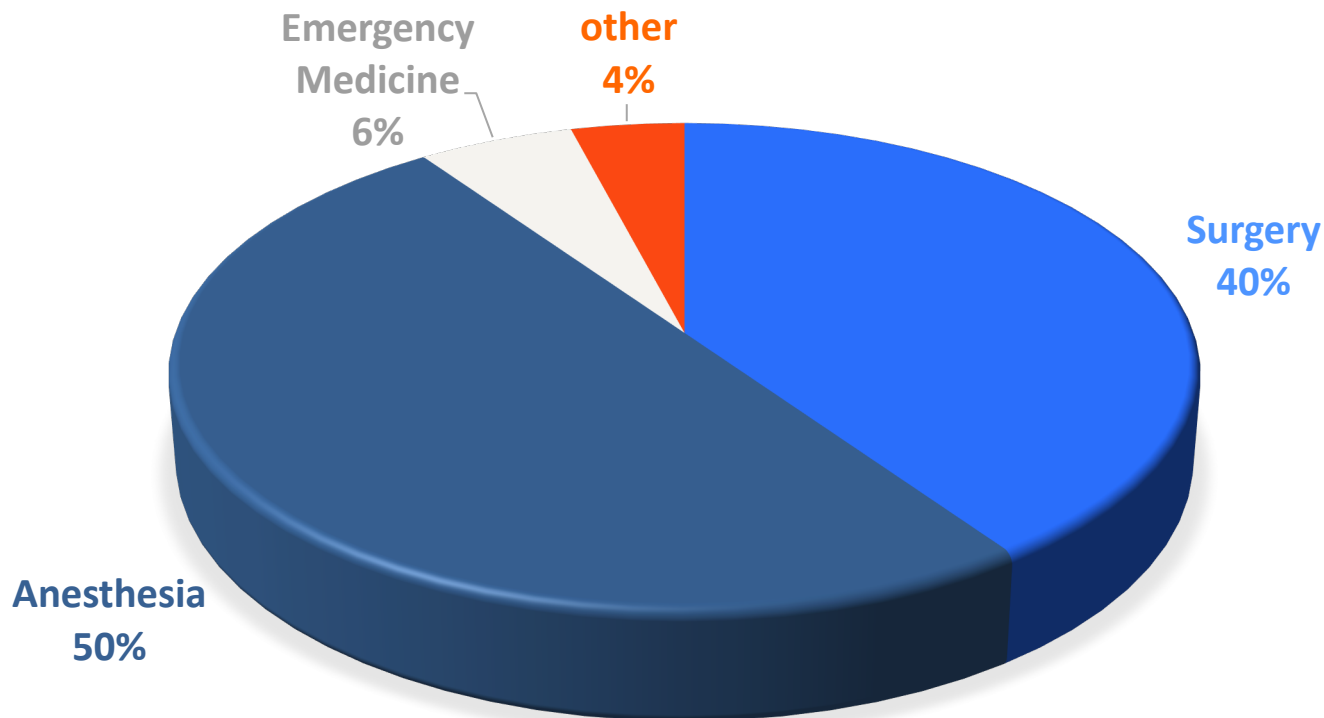








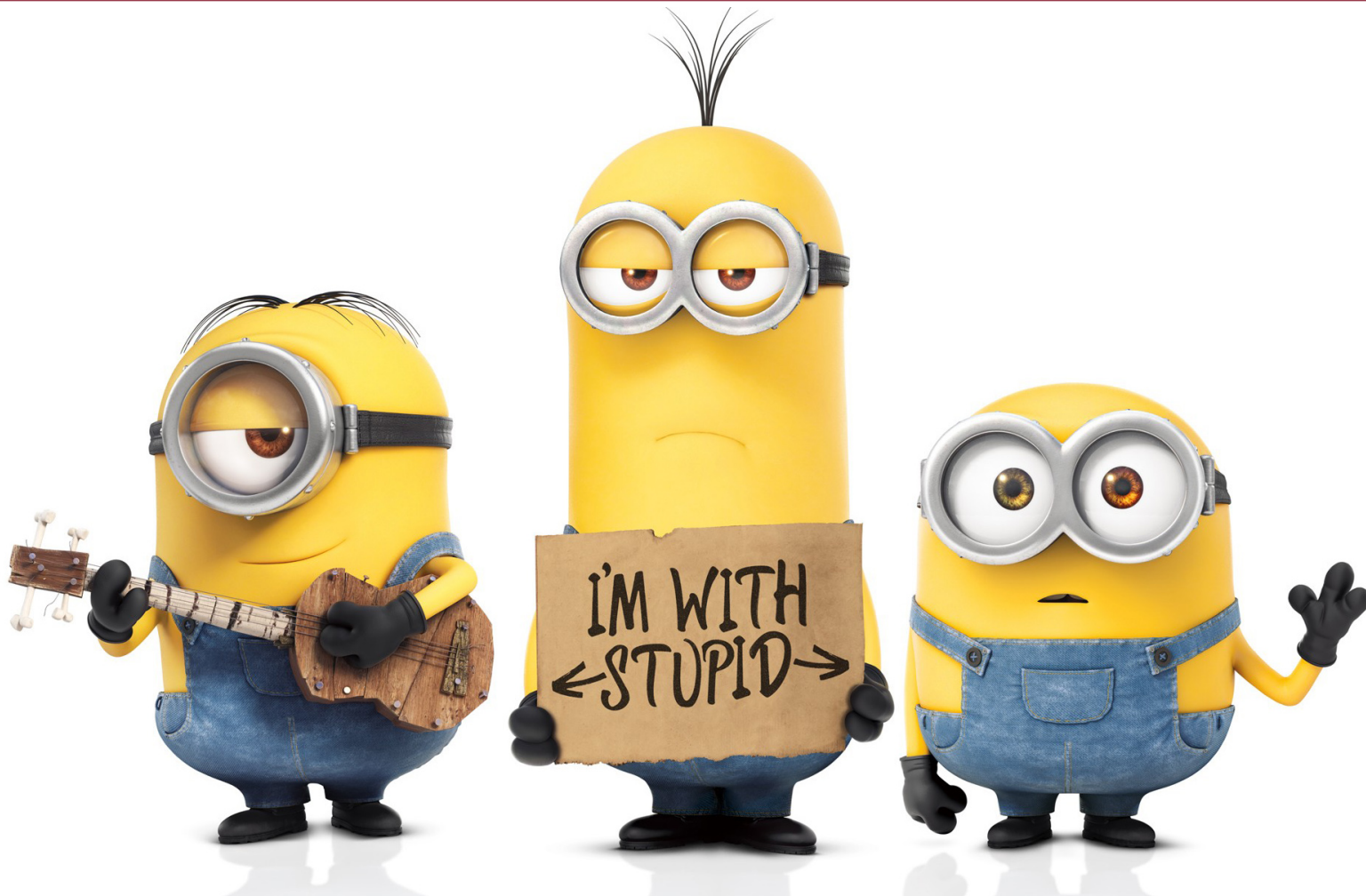
# Who enrolls in ETC?





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# Human Factors, NTS, Teamwork



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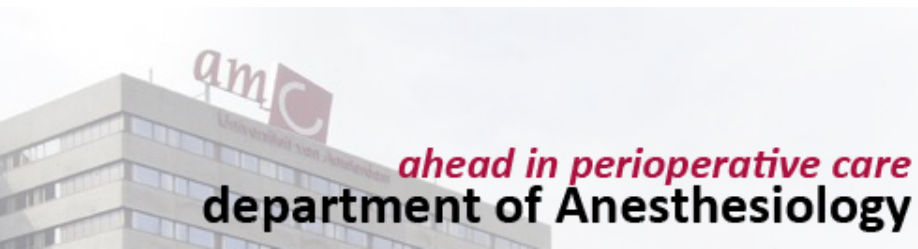




# Trauma Support Practitioners



When did you last do a trauma call without  
any nurses, techs and/or a scribe?





# ***European Trauma Course***

## ***Anaesthesiologists should do it!***


<http://www.europeantraumacourse.com>

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# **Internationally Accredited Interdisciplinary Multi-professional Trauma Team-Training-Course**

<http://www.europeantraumacourse.com>

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