

Structure of the questionnaire sent to ESTES members

Part 1. Demographics

Question 1.

Which is your nationality?

Open question with short written answer

Question 2.

Which is your age?

Open question with short written answer

Question 3.

Which is your gender?

Female

Male

Other

Question 4

Which is your current position?

Resident

Attending surgeon < 40 years

Attending surgeon > 40 years

Chief/Professor

Question 5

Which is your specialty

Emergency General Surgery

Trauma Surgery

Orthopedic/trauma surgery

Surgical critical care

Question 6

In which type of hospital do you work?

Large referral academic hospital

Rural community hospital

Urban community hospital

Question 7

Is the training the same regardless of the hospital and the surgical unit?

Yes

No

Part 2. Mentorship experience

Question 8

Have you ever had a mentor?

Yes

No

Question 9

Have you had one comprehensive mentor?

Yes

No

Question 10

Have you had different mentors on different rotations during your residency?

Yes

No

Question 11

If yes, at which stage of your career did you first meet your mentor?

Medical student

Resident

Fellow

Attending surgeon

Professor

Question 12

In which context did you meet her/him?

Academic context

Workplace

Surgical Society meeting

Surgical courses

Dedicated programs

Question 13

In which field were you mentored?

Surgical

Clinical

Research/academic

Non-technical skills

Preparedness

Resiliency

Question 14

When non mentored, did you manage to get growth opportunities?

Yes

No

Question 15

If yes, which tools and opportunities did you use?

Passive learning

Surgical videos

Studying

Surgical courses

Part 3. Perceptions of mentorship

Question 16

Which skills are essential to a mentee to deserve to be mentored and take advantage of the relationship?

Technical skills

Non-technical skills

Academic skills

Question 17

Should mentorship be guaranteed to each surgical trainee?

Yes

No

Question 18

Which is the best moment of the career to find a mentor?

Medical school

Residency

Fellowship

Workplace

Does not matter

Question 19

Do you believe that a mentor-mentee relationship should be based on a strong personal connection?

Yes

No

Question 20

Do you believe that a mentor should work in the same hospital of the mentee?

Yes

No

Question 21

Which area do you believe would benefit more from a shoulder-to-shoulder mentorship?

Surgical skills
Academic scientific skills
Non-technical skills
Networking
Career progression
Coaching skills
Life work balance
Follow evidence based practices

Question 22

Do you believe that a remote mentorship could be effective?

Yes
No

Question 23

Which area do you believe would benefit more from a remote mentorship?

Surgical skills
Academic scientific skills
Non-technical skills
Networking
Career progression
Coaching skills
Life work balance
Follow evidence based practices

Question 22

In terms of clinical and surgical skills: how do you or did you take advantage of your mentor?

Preoperative decision making
Intraoperative decision making
Clinical management of complications
Mental rehearsal after a complex case or a complication
Clinical mentorship of youngers

Question 24

How do you mentor opinions impact your daily practice?

I promptly change my practice If I get a different insight/opinion
I carefully consider the opinion in my decision making process and then I make my call

Question 25

Do you believe that mental wellbeing of young trauma and emergency surgeons, especially related to tough clinical scenarios and life-work balance, can be positively influenced by having a mentor?

Yes

No

Part 4. Research gaps and future interventions

Question 26

Do you feel that this area of study should be expanded in Europe?

Yes

No

Question 27

Do you believe that the mentor-mentee relationship can be oriented by institutional programs?

Yes

No

Question 28

Should universities be in charge of pairing mentors and mentees during surgical career?

Yes, for medical students

Yes, for residents

Yes, for fellows

Yes, for attending

Yes, regardless of the status

No

Question 29

Which of the following initiatives you believe would be more effective to implement mentorship in the field of emergency and trauma surgery in Europe?

Remote clinical mentorship program

Remote academic/scientific mentoring program

Traveling clinical fellowship

Dedicated research fellowship

Surgical hands-on courses

Summer school in medical writing

Non-technical skills courses