



# ESTS SCHOOL

ESTS  
SCHOOL OF  
THORACIC  
SURGERY

**SECOND EDITION OF THE ESTS WEBINAR NOTSS COURSE  
FOCUS ON NON-TECHNICAL SKILLS:  
INCREASING SAFETY TO IMPROVE PATIENT'S OUTCOMES**

## ESTS Webinar

An application will be made  
for accreditation to European  
Accreditation Council for  
Continuing Medical Education  
(EACCME®)



INFORMATION & REGISTRATION: [www.ests.org](http://www.ests.org)

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## ESTS Webinar

## GENERAL INFORMATION

### Aim of the course

Introduce surgeons to the concepts of human performance and ways to increase it by focusing on improving non-technical skills and reducing human error.

### Structure of the course

7 interactive webinars

Each webinar

- 90 minutes
- will focus on one aspect of the curriculum
- will include a presentation given by an expert in the field and time for questions and answers
- between 9.00 pm and 10.30 pm CET
- access from the comfort of your home
- access to the recording of the webinars

### Provisional dates for the 2018/2019 edition of the course

- October 9th 2018
- November 13th 2018
- December 11th 2018
- January 8th 2019
- February 12th 2019
- March 12th 2019
- April 9th 2019
- May 14th 2019

### Background

Patients should be treated in a safe environment and be protected from avoidable harm.

ESTS want to help European thoracic surgeons minimize future patient safety incidents and drive improvements in safety and clinical quality.

Non-technical skills are cognitive (e.g. decision making) and interpersonal (e.g. teamwork) skills.

Analyses of adverse events in surgery have revealed that many underlying causes originate from behavioral or non-technical aspects of performance (e.g. communication failures) rather than a lack of technical expertise.

Therefore, technical skills appear to be necessary but not sufficient to ensure patient safety in the operating theatre. Paying attention to non-technical skills such as team working, leadership, situation awareness, decision-making, and communication will increase the likelihood of maintaining high levels of performance over time.

The formal training of surgeons predominantly focuses on developing knowledge, clinical expertise and technical skills.

Surgeons have always had non-technical skills, but aspects of performance such as decision-making, leadership, and team working have been developed in an informal and tacit manner rather than being explicitly addressed in training.



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## ESTS Webinar

### NON-TECHNICAL SKILLS TAXONOMY

Category	Elements
Situation Awareness	Gathering information Understanding information Projecting and anticipating future state
Decision making	Considering options Selecting and communicating option Implementing and reviewing decisions
Communication and Teamwork	Exchanging information Establishing a shared understanding Co-ordinating team activities
Leadership	Setting and maintaining standards Supporting others Coping with pressure

### Definitions

<b>Situation Awareness</b>	Developing and maintaining a dynamic awareness of the situation in theatre based on assembling data from the environment (patient, team, time, displays, equipment); understanding what they mean, and thinking ahead about what may happen next.
<b>Decision making</b>	Skills for diagnosing the situation and reaching a judgement in order to choose an appropriate course of action.
<b>Leadership</b>	Leading the team and providing direction, demonstrating high standards of clinical practice and care, and being considerate about the needs of individual team members.
<b>Communication and Teamwork</b>	Skills for working in a team context to ensure that the team has an acceptable shared picture of the situation and can complete tasks effectively.

### Objectives to be achieved

On completion of this course, delegates will:

- understand the importance of non-technical skills for improving health care quality
- understand how adverse events happen, learn ways of minimize their occurrence (barrier...)  
learn the role of resilience engineering in the designs of systems and processes
- understand the role of team in prevention of adverse events and enhancing safe performance.



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## ESTS Webinar

### Methods

- Delivery** The course will deliver the curriculum online with eight monthly webinars (1.30 hours).
- Tech** The Webinar will be run using Zoom ® technology that allows for simultaneous videoconferencing of all the attendees (video-audio) and the use of breakout room for small group discussions.
- Focus on** Every webinar will focus on one aspect of the curriculum, and it will include a presentation given by an expert in the field and space for questions and answers.
- Recording** The webinars will be recorded and made available to the attendees on [www.surgicalexcellenceacademy.org](http://www.surgicalexcellenceacademy.org).
- Additional material** Additional reading material could be provided.

### The curriculum includes

- 1) How to learn from errors in complex systems.
- 2) The importance of situation awareness and how to improve it.
- 3) What constitutes good and bad communication and how to get it right.
- 4) The importance of leadership in theatre and the foundations of leadership and followership.
- 5) Who decides and when: the role of team and individuals in the decision making.
- 6) We are a team: teamworking for safety.
- 7) Resilience for healthcare professionals.
- 8) Reporting errors: why is it so important.
- 9) How to teach trainees to cope with errors and recognize leadership in these situations.



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## ESTS Webinar

### First Webinar

9th October 2018 · 9 pm CET

#### Participants

The course will be limited to 25 participants and the seats will be assigned according to “first come first serve basis”. Further courses will be made available in the immediate future.

#### Registration

Registration will soon be open through the ESTS School Registration Platform available at the ESTS Website

#### Registration Fees

High Income countries.....	100€
Low Income countries.....	50€
Resident.....	20€

