



# ESTS SCHOOL

ESTS  
SCHOOL OF  
THORACIC  
SURGERY

## ACADEMIC COMPETENCE TRACK ESTS COURSE ON SCIENTIFIC MEDICAL COMMUNICATION

9-11 November 2020

Hamburg, Germany

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

Organiser: Gonzalo Varela, Salamanca, Spain  
Former ESTS Editor, European Journal of  
Cardiothoracic Surgery

This course is intended to improve oral and written communication skills in medicine through better research methodology, written style and performance on stage. Although all course materials are related to Thoracic Surgery, attendance is also recommended for other clinical specialties, mostly for people in training.

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



# ACADEMIC COMPETENCE TRACK

## ESTS COURSE ON SCIENTIFIC MEDICAL COMMUNICATION

9-11 November 2020 · Hamburg, Germany

**NOVEMBER 9th**

**PART 1: WRITTEN COMMUNICATION**

### THEORY

13:00-13:15 h **Welcome and introduction**

13:15-13:45 h **Why should we publish?**

13:45-14:00 h **Basic principles: good hypothesis, concision and sound methodology**

14:00-14:30 h **Evidence means more than randomised trials: types of epidemiological studies**

14:30-16:15 h **Statistics for the rest of us (Part 1)**

- P values or confidence intervals?
- Showing association: 2x2 tables
- Predicting events: logistic regression analysis
- Choosing diagnostic tools: ROC curves
- Survival: the basics

### PRACTICE

16:30-18:30 h **Freeware available on the Internet**

**Learning from others: try to find what is wrong in these examples**

- Some anonymised real manuscripts are analysed to find out and discuss the authors' most relevant mistakes and how they could be solved

# ACADEMIC COMPETENCE TRACK

## ESTS COURSE ON SCIENTIFIC MEDICAL COMMUNICATION

9-11 November 2020 · Hamburg, Germany

NOVEMBER 10th

PART 1: WRITTEN COMMUNICATION (CONTINUED)

### THEORY

- 09:00-09:30 h **The cycle of a manuscript: from submission to publication**
- 09:30-10:00 h **Do's and don'ts when writing the Introduction, Methods, Results, and Discussion sections**
- 10:00-10:30 h **Referencing: how to use PubMed and not wasting your time**
- 10:30-11:00 h Break
- 11:00-11:30 h **Best evidence reviews: methodology and examples**
- 11:30-12:00 h **Choosing the right journal: who cares the impact factor?**
- 12:00-12:30 h **My manuscript has been rejected: what now?**
- 12:30 h Lunch

### PRACTICE

- 14:00-14:45 h **Constructing hypothesis (A list of real clinical situations and problems are suggested to participants to construct hypothesis)**
- 14:45-15:30 h **Suggesting the most correct design to investigate previous hypothesis**
- 15:30-16:00 h Break
- 16:00-17:00 h **Finding the most appropriate title for your manuscript**



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**NOVEMBER 10th**

**PART 2: ORAL COMMUNICATION**

## THEORY

17:00-17:30 h **Choosing the right meeting**

17:30-18:00 h **Neither oral nor written, poster**



# ACADEMIC COMPETENCE TRACK

## ESTS COURSE ON SCIENTIFIC MEDICAL COMMUNICATION

9-11 November 2020 · Hamburg, Germany

**NOVEMBER 11th**

**PART 2: ORAL COMMUNICATION (CONTINUED)**

### THEORY

- 08:30-09:00 h **Oral: stating a short and clear message**
- 09:00-10:00 h **How to present and keep the audience awake**
- Effective presentations using Power Point: a few rules
  - How to behave on stage
- 10:00-10:30 h Break
- 10:30-11:00 h **Any questions**
- Handling the audience's questions
  - Asking questions from the floor or showing off?

### PRACTICE

- 11:30-12:00 h **Try to find out mistakes in these abstracts and how to improve them**
- 12:00-12:30 h **What's wrong in my presentation?**
- Faculty members are presenting an abstract. Some frequent errors are included in each presentation to be spotted and discussed
- 12:30 h **Evaluation**
- 12:30-13:30 h **Lunch**
- 13:30 h **Transfer to the airport**



