



Learn & Improve Professional Skills Session 5

Dosimetry Committee

Monday, October 6, 08:00 – 09:30

Session Title

Statistical Analysis in Clinical Studies and Specifically in Dosimetry

Chairpersons

Marta Cremonesi (Milan, Italy)

Mattias Sandstrom (Uppsala, Sweden)

Programme

- 08:00 – 08:20 **Lidia Strigari** (Bologna, Italy): Statistics for clinical trials and dosimetry studies (basics and practice)
- 08:20 – 08:40 **Marco Brambilla** (Novara, Italy): Routine or puzzling concepts? uncertainty, bias, accuracy, and others (basics and practice)
- 08:40 – 09:05 **Oleksandra Ivashchenko** (Groningen, Netherlands): Correlations and models (basics and practice)
- 09:05 – 09:30 **Gerhard Glatting** (Ulm, Germany): How statistical methods can improve dosimetry?

Educational Objectives

1. Learning how to consider basic statistical concepts in clinical trials with dosimetry studies
2. Learning how to properly interpret results from basic statistical concepts considered
3. Improve Dosimetry with statistics

Summary

Treatment and Dosimetry improvements with help of statistics

Key Words

Statistics; Dosimetry; Research studies; Correlations