

CW-03

Randomized controlled trial in radiology research

14:40-15:00

201

Chairperson(s): Jeong Min Lee *Seoul National University Hospital, Korea*

영상의학과 연구자의 관점

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Purpose of the Lecture:

To understand the significance of randomized clinical trial (RCT) in radiology research, the difference of RCT from other typical radiology research studies, and the difficulties and opportunities that RCT presents for radiology researchers.

Table of Contents:

1. Why RCT for radiology research?
2. Two major differences from typical radiology research studies: different study endpoint and parallel design.
3. Expected difficulties: Have we, as radiologists, really seriously thought about these fundamental issues?
 - Clinical trial registration
 - Through preplanning
 - Patient enrollment process
 - Informed consent
 - Randomization
 - Patient safety
 - IRB approval
 - Research funds
4. New methodological knowledge to acquire (leave this part out for other lectures).
5. Opportunities
 - What are your expectations... publication in high impact journals, change in practice, or else? Well, I'll just keep my fingers crossed.