

Joint Symposium 4

Oncology & Theranostics Committee / European Organisation for Research and Treatment of Cancer
([EORTC](#))

Monday, October 17, 16:45-18:15

Session Title

Evaluation of Response to Therapy

Chairpersons

Daniela E. Oprea-Lager (Amsterdam, Netherlands)

Felix Mottaghy (Aachen, Germany)

Programme

16:45 - 17:10 **Vincent Vandecaveye** (Leuven, Belgium): RECIST, mRECIST and iRECIST at a Glance

17:10 - 17:30 **Egesta Lopci** (Milan Italy / EORTC): From EORTC to iPERCIST and PERCIMT Criteria

17:30 - 17:55 **Anne-Ségolène Cottreau** (Paris, France): LUGANO Classification and LYRIC in Immuno-Oncology

17:55 - 18:15 **Daniela E. Oprea-Lager** (Amsterdam, Netherlands): Response Assessment with non-FDG PET Tracers

Educational Objectives

1. To compare different morphological and functional response criteria
2. To gain insight into mRECIST, iRECIST, iPERCIST, PERCIMT and LYRIC criteria
3. To learn how to adequately use PET criteria in immuno-oncology
4. To update knowledge on Response assessment with non-FDG PET tracers

Summary

Response assessment in oncology represents a crucial aspect in the therapeutic pathway of solid tumours and lymphomas. Starting with the WHO criteria for response in solid tumours, a long list of criteria has been developed during the years and has been adapted to assess new therapeutic regimens. This involves also challenging treatments, such as immunomodulatory agents. In fact, tumours tend to respond differently to immunotherapy compared with chemotherapy. Hence, understanding tumour behaviour after immunotherapeutics is becoming increasingly important. This Joint Session provides key information about the different radiological and PET-based criteria in solid tumors and lymphomas, with a special highlight on their use in immuno-oncology. This, with the ultimate goal to learn and understand how to assess objective response and disease progression. Theoretical aspects will be explained by using relevant clinical examples. To complete the session, a dedicated lecture will scroll through the response assessment with tracers, other than FDG, in oncological setting.

Key Words

RECIST, mRECIST, iRECIST, PERCIST, PERCIMT, LUGANO, LYRIC, PET, Response criteria