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### Subject I: Definition of re-irradiation

#### ***Baseline assessment***

*April, 2021*

Open question: How do you define re-irradiation? Identification of potential specifications of re-irradiation by the core group.



#### **Round 1 – Consensus formation**

*May, 2021*

Rating the agreement to include items in the definition of re-irradiation on 5-point Likert-scale (strongly agree – strongly disagree). Discussion of potential scenarios that could constitute re-irradiation.



#### **Round 2 – Consensus formation**

*June, 2021*

Confirmation to include only items with consensus in the definition. Voting on overall structure of decision tree. Voting on initial nomenclature and discussion of alternative naming. Voting and discussing specifications.



#### **Round 3 – Consensus formation**

*December, 2021*

Voting and discussion on alternative nomenclature. Discussion of final wording on the definition.

### Subject II : Reporting guidelines for clinical studies

#### ***Baseline assessment***

*April, 2021*

Open question: What clinical and biological factors should be considered for re-irradiation? Identification of key topics by the core group.



#### **Round 1 – Consolidating topics**

*May, 2021*

Rating the agreement with the key topics as requirement for reporting on 5-point Likert-scale (strongly agree – strongly disagree). Group discussion on how to consolidate the key topics into items for reporting guidelines. Definition of items by the core group.



#### **Round 2 – Prioritization for reporting**

*October, 2021*

Rating the priority of items for reporting (required, recommended, optional, not relevant). Discussion and proposal of additional items.



#### **Round 3 – Prioritization for reporting**

*December, 2021*

Rating the priority of new and undecided items for reporting.

### Subject III: Recommendations for decision making in clinical practice

#### ***Baseline assessment***

*April, 2021*

Open question: What are minimum technical requirements and best practices for re-irradiation? Identification of key topics by the core group.



#### **Round 1 – Consolidating topics**

*May, 2021*

Rating the agreement with the key topics as requirements for performing re-irradiation on 5-point Likert-scale (strongly agree – strongly disagree). Group discussion on how to consolidate key topics into items for whom recommendations statements can be determined.



#### **Round 2 – Consensus formation**

*October, 2021*

Rating the agreement with items and recommendation statements on 5-point Likert-scale (strongly agree – strongly disagree). Feedback on statements, proposal for adjustments. Adjustment of statements that did not reach consent by core group.



#### **Round 3.1 and 3.2 – Consensus formation**

*December, 2021*

Rating the agreement with adjusted statements. Discussion and proposal of rewording for clarification of statements that reached consent. Adjustment of statements that did not reach consent by core group, followed by a vote on the adjusted statements.