**Lecture plan – Equipment Quality Assurance**

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**Rationale and description of the lectures:**

Data collected in WP3 (survey to academic staff) and WP4 (interviews with stakeholders) identified that knowledge of Equipment Quality Assurance (QA) is underdeveloped across Europe. WP3 showed that Equipment QA was statistically less developed than other competencies of the TR/RTT working on the linear accelerator. WP4 explored this theme further and identified that TRs/RTTs often train and perform basic QA tests in the linear accelerator and have poor knowledge of more advanced QA procedures.

**EQF level**: 6

**Learning methods:**

Online lectures (webinar) – 1h

Self-study – 10h

**Learning outcomes:**

1. To review the importance of QA procedures for the safe use of linear accelerators.

2. To explore how to perform daily, monthly, and annual QA tests for linear accelerators.

**References**

AAPM Task Group 142 report (https://aapm.onlinelibrary.wiley.com/doi/epdf/10.1118/1.3190392)

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