**Lecture plan – Pharmacology CPD**

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**Rationale and description of the lectures:**

The results of the data collected as part of WP3 (Assessment of the linear accelerator radiographer competencies developed in education institutions) showed that Pharmacology is the least developed competency across the EU. Specifically, taking responsibility in this area, administering pharmaceuticals and responding to complications. Therefore, this lecture will include an in-depth explanation of the pharmaceuticals most commonly used to treat acute side-effects of Radiotherapy (RT).

**EQF level**: 6

**Learning methods:**

Online lectures (webinar) – 2h

Self-study – 10h

**Learning outcomes:**

1. To review the role of pharmaceuticals in the management of radiotherapy side-effects.

2. To consider the radiographers’ role in the management of radiotherapy side-effects using pharmaceuticals.

3. To review evidence-based management and prevention of radiotherapy side-effects on the skin (pharmaceutical and non-pharmaceutical management).

4. To review evidence-based pharmaceutical management and prevention of common radiotherapy side-effects in the head and neck region.

5. To review evidence-based pharmaceutical management and prevention of common radiotherapy urinary side-effects.

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