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The implementation of CREX in the department of radiotherapy

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Objectives:

Risk management is an important issue in the activity of a radiation oncology department. CREX (in French: comité de retour d'expérience) were inspired from the French experience in civil aviation to ensure quality and security of treatment delivery.

We aimed to report our experience in the feedback committee.

Methods:

In the department of radiation oncology (Habib BOURGUIBA hospital, Sfax- TUNISIA), CREX staffs were started since December 2014. We planned monthly meetings with the participation of all the team: doctors, medical physicians, manipulators.

Its aim is to collect and expose errors or misses in the medical care. The different points and difficulties are declared.

It enables each active member in the department to listen to every event, to select the event that will be selected for analysis (ORION method) and choose the most important correcting actions. A report is written after each meeting.

Results:

In our experience of about 2 years, we detected 3 major events (dose prescription, fields) which were analyzed. Correcting actions were discussed and chosen. We verified the application of those actions.

The minor events were also noticed and attention was required.

Conclusion:

Risk management is an important issue requiring the involvement of all the staff, a clear communication, structured steps and the verification of applying correcting actions. Such experience should be generalized in all radiotherapy departments.

Country

Tunisia

Institution

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