

Summary of external evaluation

ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS (AP-HP) - HÔPITAL EUROPÉEN GEORGES POMPIDOU

Technical platform for external radiotherapy

Type : Radiation protection inspection (Remote documentary inspection following the covid health context)

Audit date: 25/03/2021

Organisation: French Nuclear Safety Authority (ASN)

1. Summary of the inspection

The aim of the inspection was to verify that radiation protection of workers and patients was considered, as well as the implementation of a continuous improvement approach to the quality and safety of care, regarding ASN Decision No. 2008-DC-0103 of 1 July 2008.

The various discussions highlighted good cohesion and communication between professionals, both within the teams and between the different professions. The inspectors noted that the time slots for the dosimetric scanner and treatment for an accelerator had been reduced to adapt them to the current number of manipulators and thus avoid overtime and work overload.

The following positive points were noted:

- The holding of an annual management review, including a SWOT analysis (Strengths, Weaknesses, Opportunities and Threats).
- The performance of internal audits and professional practice evaluations (PPE) on the traceability of the patient's identity and laterality on the different elements of the patient file, the good communication of the results obtained to professionals and the good follow-up of the corrective actions identified.
- The formalization of a roadmap to monitor priority quality objectives and its follow-up by the operational quality unit, as well as the monitoring of numerous quality indicators.
- The setting up of a multidisciplinary meeting which provides an opportunity for exchanges between the different professions, and which contributes to good understanding between professionals.
- The formalization of procedures relating to the management of positioning control imaging to be carried out during treatment with a clear decision tree which presents the strategy for taking charge of positioning corrections and in particular the actions to be taken in the event of overruns.
- Concerning the radiation protection of workers, a study on the exposure of the crystalline lens at the various workstations was carried out.

2- Summary of findings

- 6 positive points
- 5 requests for corrective action
- 1 request for additional information
- 2 observations

Type	N°	Wording of the finding	Thematic	Site concerned
Request for corrective action	A1	Periodic training (every 7 years) in patient radiation protection for all radiotherapy professionals involved in performing procedures	Patient radiation protection training	HEGP
Request for corrective action	A2	Procedure for welcoming radiotherapy interns in the EDM with a status to be revised in Kaliweb since 2019	Documentary system	HEGP
Request for corrective action	A3	Procedure for reporting and recording RSEs to be completed with all the criteria defined in criterion 2.1 of ASN guide no. 16	Significant radiation protection events (ESR)	HEGP
Request for corrective action	A4	Ensure that each classified worker benefits from reinforced individual monitoring in accordance with the regulatory provisions of the Labour Code	Reinforced individual monitoring of classified workers	HEGP
Request for corrective action	A5	Ensure that workers who are not classified can only access the regulated areas of the radiotherapy department if you have authorized them to do so based on their individual assessment of the risk due to ionising radiation	Conditions and procedures for access to regulated areas	HEGP
Additional information	B1	Forward the systemic analysis carried out for internal declarations concerning the recurrent event linked to the implementation of treatment	Internal declarations of malfunctions or undesirable situations	HEGP
Comment	C1	Continue the a priori risk management approach by involving the operators, in particular for the identification and monitoring of the effectiveness of the safety barriers they implement	Risk management approach	HEGP
Observation	C2	Continue the feedback and a priori risk management process by formalizing the results of the analysis of the safety barriers that worked / did not work / missing barriers in the reports of the Feedback committee (CREX) meetings, and then, if necessary, by updating the department's a priori risk study	Risk management approach	HEGP