



WG 1A: Challenges in the optimisation of patient and staff radiation protection in the medical sector

Parameters for ALARA benchmarking

Staff: comparison of doses before and after procedure change.

Disseminate knowledge gained from research (EURADOS and beta-emitters) to the workers through the professional societies

Patient: focus on image quality (fit to purpose) as well as / rather than dose, routines for implementing ALARA, adherence to robust standardised procedures, ensuring ongoing processes to keep doses low. Involvement of the medical physicist in optimization. Ask the hospital administrator – what is ALARA?



Vendor involvement in optimization /justifiacion

When purchasing new machines, the vendor should work with the hospital multidisiplinary team until all protocols are optimized,

Vendor should be involved until the team is able to utilize all the optimizing tools available on the machine

Technical RIS/PACS solutions facilitating the process of rejecting unjustified referrals.

Stakeholders: radiographers, radiologists, physicists, vendors