



Video of the month

Intraoperative radiation therapy after breast-conserving surgery. 20cc balloon application



Radioterapia intraoperatoria tras cirugía conservadora de mama. Balón de aplicación de 20cc

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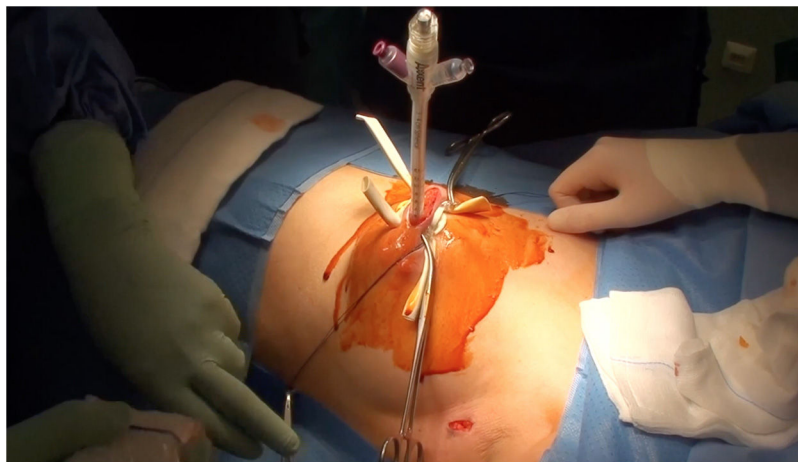


Figure 1

Intraoperative radiotherapy (IORT) in breast-conserving surgery for cancer involves the administration of radiation to the surgical bed during the procedure. Until now, the available dimensions of the applicator balloons (30–40cc) required a distance >1 cm from the skin plane to avoid skin toxicity. The new 20cc balloon enables us to: expand the indications to areas of difficult skin coverage (eg, inner quadrants, upper quadrants, inframammary fold, etc); perform smaller lumpectomies as less surgical field is required for adaptation, which facilitates subsequent

breast remodeling; and reduce treatment application times. As a result, more patients can now benefit from IORT (Fig. 1) [1–3].

Appendix A. Supplementary data

Supplementary material related to this article can be found, in the online version, at doi: <https://doi.org/10.1016/j.ciresp.2022.07.003>.

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