



intra-operative
radiotherapy IORT



CENTRE DU SEIN

Genolier Swiss Medical Network

www.centre-du-sein.ch

Breast cancer treatment with IORT (intra-operative radiotherapy)

- A single irradiation session
- Focus on the affected area (Tumour bed)
- Reduction of potential side effects of conventional radiotherapy
- Considerable reduction of treatment duration
- Rapid return to social life
- Limitation of delayed complications involving breast tissue

How does IORT work?

A mobile accelerator installed in the operating room is used to irradiate the tumour bed with an electron beam. The irradiation is applied immediately after removal of the tumour by the surgeon, thus minimising the involvement of other tissues, in particular of the skin.

The entire treatment process takes place in the operating room, without moving the patient. After irradiation lasting less than 5 minutes, the surgeon closes the various layers, as in conventional surgery, and the patient leaves the operating room.

This innovative treatment has many advantages for the patient compared to conventional postoperative radiotherapy, while equally effective in terms of disease control.

For more information, contact our specialists +41 22 366 94 06 or iort@genolier.net

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