



## SciVerse ScienceDirect

journal homepage: http://www.elsevier.com/locate/rpor



## Miscellaneous and children

# Chest rhabdomyosarcoma with local relapse. The integration of intraoperative radiotherapy as part of the multidisciplinary treatment



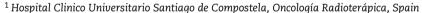
- J. Santos-miranda <sup>1</sup>, C. González-san Segundo <sup>1</sup>, J. Cerdá <sup>2</sup>, A. del Cañizo <sup>3</sup>, C. de La Mata <sup>4</sup>, L. Madero <sup>5</sup>,
- F. Calvo Manuel<sup>6</sup>
- <sup>1</sup> Hospital General Gregorio Marañón, Oncología Radioterápica, Spain
- <sup>2</sup> Hospital General Gregorio Marañón, Cirugía Pediátrica, Spain
- <sup>3</sup> Hospital General Universitario Gregorio Marañón, Cirugía Pediátrica, Spain
- <sup>4</sup> Hospital General Universitario Gregorio Marañón, Oncohematología Pediátrica, Spain
- <sup>5</sup> Hospital Infantil Universitario Niño Jesús, Oncohematología Pediátrica, Spain
- <sup>6</sup> Hospital General Universitario Gregorio Marañón, Oncología, Spain

Girl, 2½ years, chest embryonal rhabdomyosarcoma operated, followed by chemotherapy, 6 cycles of VAT. After the chemotherapy she developed a fast growing local recurrence involving the pericardium and great vessels. Tumor Board decided treatment with preoperative radiotherapy and chemotherapy followed by radical surgery and intraoperative radiotherapy. After radiochemotherapy treatment, the patient achieved a partial response. For virtual simulation prior to surgery and dosimetric preplanning of overprinting with intraoperative radiotherapy to the surgical bed, we have been used a simulator developed in Spain through the collaboration of several Health Centers, Universities and private industry. We shown surgical and radiotherapy procedures, results and tolerance.

### http://dx.doi.org/10.1016/j.rpor.2013.03.680

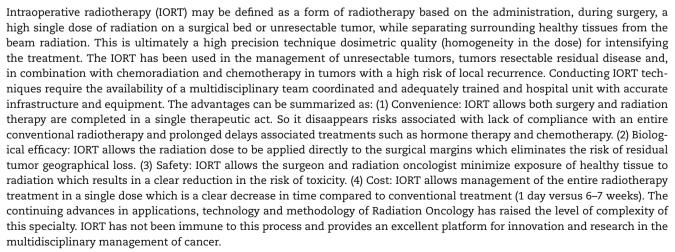
#### Intraoperative radiotherapy (IORT)

A. Gomez<sup>1</sup>, F. Fernández<sup>2</sup>, A. Carballo<sup>3</sup>, A. Paulos<sup>2</sup>, P. Peleteiro<sup>4</sup>, J. Parades<sup>2</sup>





- <sup>3</sup> Hospital Clínico Universitario Santiago de Compostela, Oncología Radioterápica, Spain
- $^4$  Hospital Clínico Universitario Santiagp de Compostela, Oncología Radioterápica, Spain



http://dx.doi.org/10.1016/j.rpor.2013.03.681



CrossMark

