



Contents

| | |
|---|------------|
| XVII Congreso de la Sociedad Española de Oncología Radioterápica | S1 |
| Scientific program | S4 |
| Editorial | S6 |
| Courses, lectures, workshops | |
| Chemoradiation: Why, what, for whom? | |
| Rafael Molerón | S7 |
| Cost effectiveness in new technologies | |
| Beatriz Amendola | S9 |
| Anti-inflammatory effects of low-dose radiotherapy: Indications, dose and radiobiological mechanisms involved | |
| Meritxell Arenas | S12 |
| Radiotherapy for non-malignant diseases | |
| Angel Montero Luis | S14 |
| Radiochemotherapy in non-small cell lung cancer (NSCLC): A critical review | |
| Antonio Gómez Caamaño | S16 |
| Small cell lung cancer: State of art and strategies to improve survival | |
| Francesc Casas | S17 |
| Promising new molecule-targeted therapies and their integration into radiotherapy for lung cancer | |
| Mariano Provencio, Francisco Valcárcel | S18 |
| Importance of imaging in simulation and treatment planning in radiation therapy | |
| Marco Amendola | S20 |
| History and general indications of radiosurgery. Radiosurgery for acoustic neuromas, arterio-venous malformations and functional disorders | |
| Roberto Spiegelmann | S22 |
| Fundamentals physical, biological and clinical radiosurgery | |
| R. García-García | S23 |
| Oligometastatic cancer: A curable disease stage | |
| Larrea Rabassa, Luis Maria | S25 |
| The metastatic cascade and patterns of metastasis | |
| Rafael López López | S27 |
| Radiosurgery in multiple metastases (≥ 4): Treatment criteria | |
| K. Sallabanda, R. García, J.C. Bustos, J.A. Gutiérrez Díaz, C. Beltrán, C. Peraza, L. Lorenzana, J. Samblas | S29 |
| Minimizing the side effects of ADT | |
| Juanita Crook | S31 |

| | |
|--|------|
| How to become a professor? | S33 |
| José Javier Aristu | |
| How to fund my research? | S34 |
| Luis Henríquez-Hernández, Pedro C. Lara | |
| Update in academic training and education | S35 |
| Albert Biete | |
| Breast interstitial implant with rigid needles and plastic tubes: Plesiobrachytherapy | S36 |
| José Luis Guinot, Lurdes Trigo, Pilar Marcos, Alfredo Polo | |
| Workshop in gynaecology: Cervical cancer | S38 |
| José Luis Guinot, Silvia Rodríguez, Marcela de la Torre, Elena Hernández, Angeles Rovirosa | |
| Penile cancer brachytherapy | S40 |
| M ^a Ángeles Cabeza Rodríguez | |
| Overview brachytherapy bronchus | S42 |
| Manuel Caeiro Muñoz | |
| Endobronchial brachytherapy. Performing the procedure | S44 |
| Manuel Nuñez Delgado | |
| Simulation and planning | S46 |
| Lorena Pereira Ferradás | |
| Role of radiation therapy technician in endobronchial brachytherapy | S47 |
| Ballesteros Vieitez, Mercedes Barcia, Alejandra Piñeiro, Iria Gonzalez Valiño | |
| Work of the nurse in the procedure of endobronchial brachytherapy (Hdr) | S48 |
| Yolanda Parra Hernández, Ana Belén Piñeiro Danis, María José Fariñas Rivas, Pilar Taladriz Cobas | |
| Abstracts | |
| Oral presentations | |
| Brachytherapy | S49 |
| Breast cancer | S55 |
| Central Nervous System | S62 |
| Clinical cases MIR: Long survivors in oncology | S65 |
| DUE (nursing) | S67 |
| Gastrointestinal cancer: Esophagus, stomach, pancreas, liver, rectum, liver metastases, biliary | S69 |
| Head and neck cancer | S74 |
| Lung cancer | S78 |
| Lymphomas | S82 |
| Management and training/teaching | S84 |
| Miscellaneous and children | S86 |
| Palliative radiotherapy | S89 |
| Prostate and bladder | S91 |
| Radiosurgery and REF | S104 |

| | |
|---|------|
| Soft tissue sarcomas | S107 |
| Support: Pain, nutrition, psychosocial aspects, care of the skin and mucous | S109 |
| Technology and applied physics | S112 |
| TER (technical specialist radiotherapy) | S114 |
| Translational research in cancer | S116 |
| Young Scientist ESTRO (Breast) | S118 |
| Young Scientist ESTRO (Prostate) | S120 |
| Videos | |
| Brachytherapy | S122 |
| Breast cancer | S126 |
| Central Nervous System | S127 |
| Gastrointestinal cancer: Esophagus, stomach, pancreas, liver, rectum, liver metastases, biliary | S128 |
| Head and neck cancer | S129 |
| Management and training/teaching | S130 |
| Miscellaneous and children | S131 |
| Prostate and bladder | S132 |
| Radiosurgery and REF | S134 |
| Skin cancer | S136 |
| Soft tissue sarcomas | S137 |
| Support: Pain, nutrition, psychosocial aspects, care of the skin and mucous | S138 |
| Technology and applied physics | S139 |
| Posters | |
| Brachytherapy | S141 |
| Breast cancer | S164 |
| Central Nervous System | S186 |
| Clinical cases MIR: Long survivors in oncology | S198 |
| Due (nursing) | S208 |
| Gastrointestinal cancer: Esophagus, stomach, pancreas, liver, rectum, liver metastases, biliary | S211 |
| Gynecological cancer | S227 |
| Head and neck cancer | S237 |
| Lung cancer | S259 |
| Lymphomas | S275 |
| Management and training/teaching | S282 |

| | |
|---|------|
| Miscellaneous and children..... | S289 |
| Palliative radiotherapy..... | S306 |
| Prostate and bladder | S309 |
| Radiosurgery and REF | S337 |
| Skin Cancer | S355 |
| Soft tissue sarcomas | S359 |
| Support: Pain, nutrition, psychosocial aspects, care of the skin and mucous | S362 |
| Technology and applied physics | S369 |
| TER (technical specialist radiotherapy) | S378 |
| Translational research in cancer | S386 |
| Young Scientist ESTRO (breast) | S391 |
| Young Scientist ESTRO (prostate) | S394 |