

Elenco pubblicazioni della S.s.D. Fisica Medica degli ultimi 3 anni 2011-2013

Bono A., Tolomio E., Carbone A., Moglia D., Crippa F., Tomatis S., Santinami M.: Small nodular melanoma: the beginning of a life-threatening lesion. A clinical study on 11 cases. *Tumori* 2011; 97: 35-38 [IF 1,014]

Carrara M., Gambarini G., Borroni M., Cerrotta A., Fallai C., Invernizzi M., Cavatorta C., Zonca G.: Fricke gel dosimetric catheters in high dose rate brachytherapy. In phantom dose distribution measurements of a 5 catheter implant. *Radiat Meas* 2011; 46: 1924-1927 [IF 1,117]

Carrara M., Gambarini G., Borroni M., Tomatis S., Negri A., Pirola L., Cerrotta A., Fallai C., Zonca G.: Characterisation of a Fricke gel compound adopted to produce dosimetric catheters for in vivo dose measurements in HDR brachytherapy. *Nucl Instrum Meth Phys Res A* 2011; 652: 888-890 [IF 1,142]

Gambarini G., bartesaghi G., Carrara M., Negri A., Paganini L., Vanossi E., Burian J., Marek M., Viererbl L., Klupak V., Rejchrt J.: Imaging of gamma and neutron dose distributions at LVR-15 epithermal beam by means of FGLDs. *Appl Radiat Isot* 2011; 69: 1911-1914 [IF 0,999]

Massimino M., Gandola L., Pignoli E., Seregni E., Marchianò A., Pecori E., Catania S., Cefalo G.: TSH suppression as a possible means of protection against hypothyroidism after irradiation for childhood Hodgkins lymphoma. *Pediatr Blood Cancer* 2011; 57: 166-168 [IF 1,948]

Mongioj V., Orlandi E., Palazzi M., Deponti E., Marzia F., Stucchi C., Sangalli C., Fallai C., Zonca G., Olmi P., Pignoli E.: Set-up errors analyses in IMRT treatments for nasopharyngeal carcinoma to evaluate time trends, PTV and PRV margins. *Acta Oncol* 2011; 50: 61-71 [IF 3,137]

Palazzi M., Alterio D., Tonoli S., Caspiani O., Bolner A., Colombo S., Dall'Oglio S., Lastrucci L., Bunkheila F., Cianciulli M., Vigna Taglianti R., Cante D., Merlotti A., Bianchi E., Rampino M., Podhraska A., Fontana A., Paiar F., Miccichè F., Manzo R., Ursino S., Bruschi L., Bacigalupo A., Iannone T., Barca R., Tomatis S.: Patterns of postoperative radiotherapy for head and neck cancer in Italy: a prospective, observational study by the head and neck group of the Italian Association for Radiation Oncology (AIRO). *Tumori* 2011; 97: 170-176 [IF 1,014]

Tomatis S., Carrara M., Massafra E., Naldi G., Palazzi M., Orlandi E., Marchesini R.: Geometry of volumes in radiotherapy planning. A new method for a quantitative assessment. *Tumori* 2011; 97: 503-509 [IF 1,014]

Chiesa C., Mira M., Maccauro M., Romito R., Spreafico C., Sposito C., Bhoori S., Morosi C., Pellizzari S., Negri A., Civelli E., Lanocita R., Camerini T., Bampo C., Carrara M., Seregni E., Marchianò A., Mazzaferro V., Bombardieri E.: A dosimetric treatment planning strategy in radioembolization of hepatocarcinoma with 90Y glass microspheres. *Q J Nucl Med Mol Imaging* 2012; 56: 503-508 [IF 2,256]

Gambarini G., Borroni M., Grisotto S., Maucione A., Cerrotta A., Fallai C., Carrara M.: Solid state TL detectors for in vivo dosimetry in brachytherapy. *Appl Radiat Isot* 2012; 71: 48-51 [IF 1,172]

Langer M., Orlandi E., Carrara M., Previtali P., Haeusler E.A.: Management of patients with implantable cardioverter defibrillator needing radiation therapy for cancer. (Letter) *Br J Anaesth* 2012; 108: 881-882 [IF 4,243]

Tomatis S., Rancati T., Fiorino C., Vavassori V., Fellin G., Cagna E., Mauro F.A., Girelli G., Monti A., Baccolini M., Naldi G., Bianchi C., Menegotti L., Pasquino M., Stasi M., Valdagni R.: Late rectal bleeding after 3D-CRT for prostate cancer: development of a neural-network-based predictive model. *Phys Med Biol* 2012; 57: 1399-1412 [IF 2,829]

Carrara M., Cavatorta C., Borroni M., Tenconi C., Cerrotta A., Fallai C., Gambarini G., Vedda A., Pignoli E.: Characterization of a Ce³⁺ doped SiO₂ optical dosimeter for dose measurements in HDR brachytherapy *Radiat Meas* 2013; 56: 312-315 [IF 0,861]

Descovich M., Carrara M., Morlino S., Pinnaduwege D.S., Saltiel D., Pouliot J., Nash M.B., Pignoli E., Valdagni R., Roach III M., Gottschalk A.R.: Improving plan quality and consistency by standardization of dose constraints in prostate cancer patients treated with cyberknife J Appl Clin Med Phys 2013; 14: 162-172 [IF 0,959]

Orlandi E., Tomatis S., Potepan P., Bossi P., Mongioj V., Carrara M., Palazzi M., Franceschini M., Bergamini C., Locati L., Iannacone E., Guzzo M., Ibba T., Crippa F., Licitra L., Pignoli E., Fallai C.: Critical analysis of locoregional failures following intensity-modulated radiotherapy for nasopharyngeal carcinoma Future Oncol 2013; 9: 103-114 [IF 3,202]