

Prof. Massimo Bellomi, MD

Personal Details

Place of Birth: LUINO (VARESE)
Date of Birth: 11.08.1950
Citizenship: Italian
Languages: English, French

Education and PHD/Masters/Courses

- Medicine and Surgery degree at the University of Milan.
- Postgraduate Diploma in Haepatologily.
- Postgraduate Diploma in Radiology and Radiotherapy.
- Diploma Master in Management – University Cattolica Sacro Cuore of Milan

Titles

- Director of the Department of Radiology of the European Institute of Oncology, Milan;
- Associate Professor of Radiology of the School of Medicine, University of Milan;
- Director of post-graduated School of Radiology in the years 2000-2003 and 2009-2012- University of Milan;
- President of the Course of Bachelor in Techniques of Medical Radiology for Images and X-Ray at the University of Milan 2012;
- Director of postgraduated School of Radiotherapy 2013;
SIRM, Italian Society of Radiology, also member of its subcommittee of “Imaging in Oncology”;
- ICIS, International Cancer Imaging Society: Founding member, Membership Committee member (1998-2002) and President (2003-2004);
- ESR, European Society of Radiology (former ECR, European Congress of Radiology), also member of its subcommittee of “Imaging in Oncology”;
- ESGAR, European Society of Gastrointestinal and Abdominal Radiology: Fellow and member of the directive council (1993-2000);
- ESTI, European Society of Thoracic Imaging;
- European Radiology, member of the Editorial Board and official reviewer 1996-2003;
- Cancer Imaging , member of the Editorial Board since 2000 and Editor from 2012;
- La Radiologia Medica, member of the Reviewers’ Committee since 2001, and of the Editorial Board, section Abdominal Imaging since 2006;
- Trends in Medicine, member of the Advisory Board since 2001.

Clinical Activities carried out at IEO

Diagnostic Imaging in Oncology

Research Activities carried out at IEO

Prof. Bellomi dedicated his studies on the diagnosis and staging of gastrointestinal tract tumors, starting research activities on the solid tumors perfusion. From 2000 he has been leading one of the most important European observational studies on the early diagnosis of pulmonary tumors with low dose TC. He was Director of the Operation Unit and Research Programmes of CNR and AIRC and of several clinical trials.

Passed Clinical and Research Activities

Prof. Bellomi activity started in 1972 in Istituto Nazionale Tumori in Milan, with studies on liver and bile duct, firstly in clinical environment and secondly in Imaging diagnostics and Interventional radiology.

Publications

Prof. Massimo Bellomi is author of 204 scientific publications; 23 of them are book chapters. H Index (October 2012, Trita-H engine): 21. Hc-Index: 21

2003 - U. Pastorino, M. Bellomi, C. Landoni, E. De Fiori, P. Araldi, M. Picchio, G. Pelosi, P. Boyle, F. Fazio (2003). Early lung-cancer detection with spiral CT and positron emission tomography in heavy smokers : 2-year results. *LANCET*, vol. 362, p. 593-597, ISSN: 0140-6736, doi: 10.1016/S0140-6736(03)14188-8

- 2005 - M. Bellomi, G. Bonomo, F. Landoni, G. Villa, M.E. Leon, L. Bocciolone, A. Maggioni, G. Viale (2005). Accuracy of computed tomography and magnetic resonance imaging in the detection of lymph node involvement in cervix carcinoma. *EUROPEAN RADIOLOGY*, vol. 15, p. 2469-2474, ISSN: 0938-7994, doi: 10.1007/s00330-005-2847-1
- 2006 - L. Preda, F. Chiesa, L. Calabrese, A. Latronico, R. Bruschini, M.E. Leon, G. Renne, M. Bellomi (2006). Relationship between histologic thickness of tongue carcinoma and thickness estimated from preoperative MRI. *EUROPEAN RADIOLOGY*, vol. 16, p. 2242-2248, ISSN: 0938-7994, doi: 10.1007/s00330-006-0263-9
- 2007 - M. Bellomi, G. Petralia, A. Sonzogni, M.G. Zampino, A. Rocca (2007). CT perfusion for the monitoring of neoadjuvant chemotherapy and radiation therapy in rectal carcinoma : initial experience. *RADIOLOGY*, vol. 244, p. 486-493, ISSN: 0033-8419, doi: 10.1148/radiol.2442061189
- 2007 - G. Veronesi, M. Bellomi, U. Veronesi, G. Paganelli, P. Maisonneuve, P. Scanagatta, F. Leo, G. Pelosi, L. Travaini, C. Rampinelli, G. Trifirò, A. Sonzogni, L. Spaggiari (2007). Role of positron emission tomography scanning in the management of lung nodules detected at baseline computed tomography screening. *ANNALS OF THORACIC SURGERY*, vol. 84, p. 959-965, ISSN: 0003-4975, doi: 10.1016/j.athoracsur.2007
- 2007 - M. Bellomi, G. Veronesi, C. Rampinelli, S. Ferretti, E. De Fiori, P. Maisonneuve (2007). Evolution of lung nodules $<$ or $=$ 5 mm detected with low-dose CT in asymptomatic smokers. *BRITISH JOURNAL OF RADIOLOGY*, vol. 80, p. 708-712, ISSN: 0007-1285, doi: 10.1259/bjr/46019726
- 2008 - G. Veronesi, M. Bellomi, J.L. Mulshine, G. Pelosi, P. Scanagatta, G. Paganelli, P. Maisonneuve, L. Preda, F. Leo, R. Bertolotti, P. Solli, L. Spaggiari (2008). Lung cancer screening with low-dose computed tomography : A non-invasive diagnostic protocol for baseline lung nodules. *LUNG CANCER*, ISSN: 0169-5002, doi: 10.1016/j.lungcan.2008.01.001
- 2009 - G. Petralia, L. Preda, G. Giugliano, B.A. Jereczek-Fossa, A. Rocca, G. D'Andrea, N. S. Holalkere, F. Chiesa, M. Bellomi (2009). Perfusion computed tomography for monitoring induction chemotherapy in patients with squamous cell carcinoma of the upper aerodigestive tract: correlation between changes in tumor perfusion and tumor volume. *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*, vol. 33, p. 552-559, ISSN: 0363-8715, doi: 10.1097/RCT.0b013e31818d446e
- 2009 - G. Petralia, L. Preda, S. Raimondi, G. D'Andrea, P. Summers, G. Giugliano, F. Chiesa, M. Bellomi (2009). Impact of intra- and interobserver variability and of arterial input selection in perfusion CT measurement performed in squamous cell carcinoma of the upper aero-digestive tract. *AJNR, AMERICAN JOURNAL OF NEURORADIOLOGY*, vol. 30, p. 1107-1115, ISSN: 0195-6108, doi: 10.3174/ajnr.A1540
- 2010 - M. Bellomi, C. Rampinelli, G. Veronesi, S. Harari, F. Lanfranchi, S. Raimondi, P. Maisonneuve (2010). Evolution of emphysema in relation to smoking. *EUROPEAN RADIOLOGY*, vol. 20, p. 286-292, ISSN: 0938-7994, doi: 10.1007/s00330-009-1548-6
- 2010 - M. Bellomi, S. Viotti, L. Preda, G. D'Andrea, L. Bonello, G. Petralia (2010). Perfusion CT in solid body-tumours. Part II: Clinical applications and future development. *LA RADIOLOGIA MEDICA*, vol. 115, p. 858-874, ISSN: 0033-8362, doi: 10.1007/s11547-010-0545-9
- 2010 - M. Bellomi, L.L. Travaini (2010). Imaging as a surveillance tool in rectal cancer. *EXPERT REVIEW OF MEDICAL DEVICES*, vol. 7, p. 99-112, ISSN: 1743-4440, doi: 10.1586/erd.09.63
- 2010 - Articolo in rivista
- 2010 - L. Preda, E. De Fiori, C. Rampinelli, M. Ansarin, G. Petralia, F. Maffini, D. Alterio, L. Bonello, F. Chiesa, M. Bellomi (2010). US-guided transcutaneous tru-cut biopsy of laryngo-hypopharyngeal lesions. *EUROPEAN RADIOLOGY*, vol. 20, p. 1450-1455, ISSN: 0938-7994, doi: 10.1007/s00330-009-1682-1

2011 - C. Rampinelli, L. Preda, M. Maniglio, L. Sirica, L. L. Travaini, G. Veronesi, M. Bellomi (2011). *Extrapulmonary Malignancies Detected at Lung Cancer Screening. RADIOLOGY*, vol. 261, p. 293-299, ISSN: 0033-8419

2011 - L. Preda, A. Agazzi, S. Raimondi, C.F. Lanfranchi, R. Passerini, A. Calvetta, G. Martinelli, M. Bellomi (2011). *Effect on renal function of an iso-osmolar contrast agent in patients with monoclonal gammopathy. EUROPEAN RADIOLOGY*, vol. 21, p. 63-69, ISSN: 0938-7994, doi: 10.1007/s00330-010-1908-2

2012 - C. Rampinelli, D. Origgi, M. Bellomi. *Low-dose CT: technique, reading methods and image interpretation. CANCER IMAGING (2012) 12(3), 548_556 DOI: 10.1102/1470-7330.2012.004931/7/12*

2012 - G. Veronesi, P. Maisonneuve, M. Bellomi, C. Rampinelli, I. Durli, R. Bertolotti, L. Spaggiari. *Estimating Overdiagnosis In Low-Dose Computed Tomography Screening For Lung Cancer. ANNALS OF INTERNAL MEDICINE 2012;157:776-784*

2012 - G. Petralia, P. Summers, S. Viotti, R. Montefrancesco, S. Raimondi, M. Bellomi. *Quantification of variability in perfusion CT analysis of HCC: a step towards clinical use. RADIOLOGY 2012;265 448-456, doi: 10.1148/radiol.12111232*

2013 - G. Veronesi, P. Maisonneuve, C. Rampinelli, R. Bertolotti, F. Petrella, L. Spaggiari, M. Bellomi. *Computed tomography screening for lung cancer: results of ten years of annual screening and validation of cosmos prediction model LUNG CANCER. 2013 Sep 8. doi:pii: S0169-5002(13)00391-7. 10.1016/j.lungcan.2013.08.026*

2013 - G. Petralia, A. Padhani, P. Summers, S. Alessi, S. Raimondi, M. Bellomi. *Whole-body diffusion imaging for the early detection of metastases in patients with advanced melanoma. EUR RADIOL (2013) 23:3466–3476*

Congresses

Prof. Bellomi had been participating and organising many national and international meetings and courses from 1992 to nowadays.