

Contact

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(LinkedIn)

www.cancercenter.it/medici/pietro-mancosu.shtml (Company)

Top Skills

Medical Imaging

Clinical Research

Healthcare

Languages

Inglese (Professional Working)

Spagnolo (Elementary)

Portoghese (Limited Working)

Certifications

Qualified Expert (I level - X-Ray machines up to 400 kV)

Honors-Awards

Principal investigator of the ESTRO 31 highest scored technical abstract (>500 abstracts submitted)

Galileo Galilei award 2016

Publications

Publication in international peer-reviewed journals

pietro mancosu

senior medical physicist

Milano

Summary

Medical physicist (permanent position); since 2011, Senior position related to research in radiotherapy physics. Clinical implementation of new Varian LINACs (EDGE, TrueBeam STx, TrueBeam, Unique) and a Gamma Knife Unit. TrueBeam Council member (coordination of the first multicentre evaluation of FFF beams pre-treatment QA). Development of Matlab programs. Data extraction and analysis using SQL/Stata.

Main scientific interests:

Physics of SBRT; motion management for RT target definition and compensation during the delivery; total marrow irradiation; Small field dosimetry; comparison between RT techniques ; IGRT with non ionization methods (VisionRT-OSMS, Calypso); Crowd knowledge based approaches in radiotherapy planning; Lean 6 sigma

Recent responsibilities:

2018-2019: Local Committee ESTRO 38 (2019)

2013 – now: Chair of the Italian working group on dosimetric aspects of SBRT (>80 Italian medical physicists involved) - >20 papers published.

Experience

Istituto Clinico Humanitas

medical physicist

September 2008 - Present (12 years 5 months)

Rozzano (Milano)

University of Milan

tutor at english medical school

2010 - 2014 (4 years)

Università Vita-Salute San Raffaele Milano

scholarship

January 2005 - September 2008 (3 years 9 months)

Education

Aarhus University

Doctor of Philosophy - PhD, health faculty - medical physics · (2015 - 2019)

Università degli Studi di Milano

School of specialization in Medical Physics , Medical Physics · (2004 - 2008)

Università degli Studi di Milano

M.Sc, General Physics · (1999 - 2004)

Københavns Universitet / University of Copenhagen

Medical Physics · (2003 - 2003)