



PAULO JOSE CECILIO: Brazil

Advanced Radiation Therapy Techniques.



Paulo Jose Cecilio works as a physics Doctor in Maringa, in southern Brazil and has been working in the field of radiation oncology since 1992. He began his career in Sao Paulo, Brazil, where he specialized in advanced radiation oncology techniques. For seven years he worked at the Children's Hospital Bodrini, a nonprofit institution where he used high energy radiation technology to treat children's cancer. This past year, he started working at Santa Catarina's Hospital using the most modern techniques available for battling against cancer in Sao Paulo.

Recently Dr. Cecilio completed an IAEA Fellowship at Loyola University's Radiation Oncology Center in Chicago, IL, through the United States IAEA Fellowship program. Dr. Anil Sethi served as Dr. Cecilio's host and advisor along with the entire physicist's team. The

fellowship was an amazing opportunity for Dr. Cecilio to refresh his knowledge of advanced radiation therapy techniques such as stereotactic radiosurgery (SRS), image guided radiation therapy (IGRT), and stereotactic body radiation therapy (SBRT) in terms of concepts, planning and practice. He was also able to investigate the commissioning and implementation of the special techniques with the Monte Carlo planning system and other algorithms in selected patients. The quality assurance tests of IMRT and IGRT in stereotactic system and volumetric modulated arc therapy (VMAT) that he learned during his fellowship will help Dr. Cecilio develop and improve similar programs in Brazil. Dr. Cecilio is extremely grateful for his fellowship opportunity and had an excellent experience with Dr. Anil Sethi and an amazing time at Loyola University.

Trained 1/14/2013 — 2/13/2013