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P-PTBH- Proton beam therapy "A beam of hope"

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Worldwide a number of 34 Photon Beam Therapy facilities are currently existing, 6 of them are designed for Eye cancer with an average building cost of 150 Million US$ per each. The globally limited capacity and long waits of cancers suffering patients is due to an old expensive proton therapy technology. Competitive Manufacturers are redefining the future of cancer treatment applying new developed technology in order to deliver a lower-cost, smaller, lighter and more energy efficient Proton Beam Therapy solutions with more clinical capabilities and advantages. Amongst these technologies are Superconducting Magnet Technology used on both Cyclotron and Treatment Gantries and Nanotechnology. The Year 2015 will see a big change in the Proton Beam Therapy Systems.

Biography

Mohamed Salah Aouididi is actually a Biomedical Engineering Consultant at Prince Sultan Military Medical City in Riyadh, Saudi Arabia. He gained his Master's Degree in Biomedical Engineering at Fredriciana University of Karlsruhe (KIT)/Germany. He has over 20 years experience in Biomedical/Clinical Engineering Management 9 of them at Royal Commission of Jubail and Yanbu where he implemented a total improvement management plan of Biomedical Engineering Department. In addition to his role he served as Equipment Planner for different Healthcare Projects. He has improved the Biomedical Engineering Dept. at Dr. Sulaiman Al Habib Medical Group, Jeddah Clinic Hospitals as the Head of the Dept. Prior to this he held the position of Biomedical Engineering Manager at Armed Forces Hospitals Program in Taief, Saudi Arabia where he was involved in the Project of 2 Linear Accelerators. From 1998 he was a Biomedical Engineering Adviser for the International Pediatric Center, Doha, Qatar; prior to working as a Biomedical Engineer at Hamad Medical Corporation in Qatar on 1995. He participated at several international conferences as a speaker. He is a member of the Saudi Commission of Health Specialties, Saudi Council of Engineering and Association Tunisienne de Genie Biomedical.

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