

Radiation Therapy: Monte Carlo Simulations of Proton Therapy

Proton Therapy is becoming more available worldwide due to reduced size and cost of the facilities. Sweden opens its national proton therapy center in 2015, and in Norway there are plans to build three-four regional centers within the next 5-10 years.

In the process of building know-how and competence in this new technology, we have established a collaboration with the University of Bergen and Haukeland University Hospital, as well as the radiation therapy department at St.Olavs Hospital. The main aim of the project is to explore various questions and issues related to proton therapy systems using Monte Carlo simulations.

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