

## **HADRON THERAPY IN GREECE**

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### **Abstract**

Hadron therapy is the most advanced contribution of technology and innovation from the field of experimental particle physics to the fight against cancer, explaining the increased interest for the development of such installations worldwide. According to the data provided by the EU, the number of cancer cases that could benefit from a hadron treatment is 4.500 for 10.000.000 of general population, roughly the population of Greece. The presentation will be focused on cancer epidemiology in Europe and in Greece, on the radiobiological advantages provided by hadron irradiation, on the feasibility study and the requirements for the installation of a hadron therapy facility.