

FFAG 2007

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Spiral FFAG acelerator for cancer therapy

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The Fixed Field Alternating Gradient (FFAG) accelerator with 100 Hz repetition rate is very interesting for medical applications. The Spiral FFAG ring accelerator for protontherapy is studied in the framework of the RACCAM project. Possible scenarios for the variable energy operation are discussed. The injection/extraction schemes are shown and the linear optics design is presented. A possible upgrade to a carbon facility is briefly described.

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