

**ASP2014**

**Report of Abstracts**

Abstract ID : **129**

## Medical Accelerators 12

### Abstract content

Status: Historical context. Modern proton, carbon, radionuclides production and x-ray facilities for cancer treatment. Getting into the details of how the accelerators work, and what energy and type of beams are useful for medical physics. Some detail on specific facilities, mainly synchrotrons for carbon and proton therapy, technical details on the machines, their design, construction and their operation. A view on the future in terms of accelerator R&D for medical accelerators to make them better, smaller, cheaper, etc.

### Summary

**Primary author(s)** : BISCARI, Caterina (Istituto Nazionale di Fisica Nucleare (INFN))

**Presenter(s)** : BISCARI, Caterina (Istituto Nazionale di Fisica Nucleare (INFN))

**Status:** SUBMITTED

Submitted by **MUANZA, Steve Guy** on **Monday 04 August 2014**