

PROTON LINACS FOR MEDICAL APPLICATIONS

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Abstract

AccSys has been built proton LINACs for medical applications such as Proton Beam Therapy (PBT), Positron Emission Tomography (PET) radioisotope production, and Boron Neutron Capture Therapy (BNCT). We will review the systems those have been shipped: For the PBT application, 6 systems have been shipped and under operation; for PET application, 5 systems have been shipped; for BNCT research application, one system has been shipped. We will also talk about high current proton linacs desired for BNCT and PET applications.

**CONTRIBUTION NOT
RECEIVED**