

Apollo Proton Cancer Center

July 4, 2020

Apollo Proton Cancer Centre (APCC) has been accredited by the Joint Commission International (JCI), a global leader in healthcare accreditation. APCC was the country's first dedicated advanced cancer centre to receive the international accreditation and eighth in the Apollo Hospitals Group to get this distinction.

APCC

APCC introduced proton therapy in the country, and till date, over 200 patients from across the globe have benefited from proton therapy within one year of operation of APCC. India had become the **16th country in the world to offer proton therapy for cancer.**

The centre offers proton therapy with **pencil-beam technology that provides a high degree of precision.** It has the **Intensity Modulated Proton Therapy and Image-Guided Radiotherapy component.**

Through proton beam therapy, which is a form of radiation, **zero dose beyond the tumour is achievable**, due to which a large number of patients could benefit. It is the standard of care for treating many of the childhood cancers, skull base lesions, prostate and liver cancers and can be utilised for young adults and teenagers to reduce the risk of second cancer.

Joint Commission International

It is an **independent, not for profit organization that accredits and certifies healthcare organizations and programs across the globe.** It identifies, measures and shares best practices in quality and patient safety. JCI also provides leadership and innovative solutions to help healthcare

organizations across all settings improve performance and outcomes.

Proton Therapy

Proton therapy, also called proton beam therapy, is a type of **radiation therapy**. It **uses protons rather than x-rays to treat cancer**. A proton is a positively charged particle and at high energy, it can destroy cancer cells. Doctors may use proton therapy alone. They may also combine it with x-ray radiation therapy, surgery, chemotherapy, and/or immunotherapy. Like x-ray radiation, proton therapy is a type of **external beam** radiation therapy. It painlessly delivers radiation through the skin from a machine outside the body.