

AIG Hospitals unveils South India's first ZAP-X® gyrosopic neuro-radiosurgery platform

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ZAP-X enables doctors to treat brain lesions with extreme precision



Hyderabad-based AIG Hospitals has announced the launch of the ZAP-X® Gyrosopic Neuro-Radiosurgery® Platform, the first installation of its kind in South India and only the second in the country, marking a major advancement in the treatment of brain tumours and complex neurological disorders.

Designed exclusively for intracranial radiosurgery, ZAP-X enables doctors to treat brain lesions with extreme precision that too without open surgery, without incisions, and as a day-care procedure.

The system delivers highly focused radiation beams with sub-millimeter accuracy, targeting tumors and abnormal tissues while sparing healthy brain structures. For patients, this means a completely non-invasive treatment that is painless, requires no hospital stay, and allows them to return to normal life quickly.

Stereotactic radiosurgery has emerged globally as a safer alternative for carefully selected cases, and the introduction of ZAP-X at AIG Hospitals brings one of the world's most advanced neuro-radiosurgical technologies to patients across South India.

One of the areas where ZAP-X is expected to make a particularly significant impact is in the treatment of brain metastases,

tumours that spread to the brain from cancers elsewhere in the body, most commonly from the lung, breast, or melanoma.

Prof. John R. Adler, renowned neurosurgeon, inventor of CyberKnife® and ZAP-X®, and one of the world's foremost pioneers in radiosurgery, emphasised the broader potential of the technology adding *“Radiosurgery has evolved tremendously over the past three decades, and ZAP-X represents the next generation of this field. While brain tumors remain a primary indication, the precision of this technology also opens up exciting possibilities in the treatment of functional neurological conditions such as trigeminal neuralgia, movement disorders, and now we are seeing trials to treat depression as well. The goal has always been to treat disease with surgical accuracy but without the invasiveness of traditional surgery. It is gratifying to see institutions like AIG Hospitals bringing this level of innovation to patients in India.”*