

Facilities in Planning Stage

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Particle therapy facilities in a planning stage

COUNTRY	WHO, WHERE	PARTICLE	MAX. ENERGY (MeV), ACCELERATOR TYPE, (VENDOR)	BEAM DIRECTIONS	NO. OF TREATMENT ROOMS	START OF TREATMENT PLANNED
Australia	Queensland Cancer Center, Brisbane	p	230, synchrotron/cyclotron, (?)	2 gantries, 1 fixed beam	3	2028
Belgium	University Hospitals Wallonia, Charleroi	p	230, cyclotron, (IBA)	1 gantry	1	2025?
Canada	Ben Stelter Center for Proton Therapy, Edmonton	p	230, cyclotron, (?)	1 gantry	1	2027?
China	Tianjin Taishan Cancer Hospital, Sino-US proton treatment & research center, TAEA, Tianjin	p	230, cyclotron, (?)	3 gantries	3	2026?
China	Boao Evergrande International Hospital, Boao Lecheng, Hainan	p	250, synchrotron, (ProTom)	2 gantries, 1 fixed beam	3	2026?
China	Jinshazhou Hospital, Guangzhou, Guangdong	p	250, SC synchro-cyclotron, (Mevion)	1 gantry	1	2025?
China	Himed Cancer Hospital, Xuzhou City, Jiangsu Province	p, C-ion	250, 430/u synchrotron, (Hitachi)	1 gantry (p), 3 fixed beams (C-ion)	4	2025?
China	Sichuan Cancer Hospital, Chengdu, Sichuan Province	p	230, cyclotron, (IBA)	3 gantries, 1 fixed beam	4	2026?
China	Hospital 215, Xi'an, Province Shaanxi	p	250, cyclotron, (?)	4 gantries, 1 fixed beam?	5	2026?

Egypt	Children's Cancer Hospital Foundation, Cairo	p	230, cyclotron, (IBA)	1 gantry	1	2026?
Georgia	Kutaisi International University, Kutaisi	p	230, cyclotron, (IBA)	1 gantry	1	2026?
India	AIG Hospitals, Hyderabad	p	230, synchro-cyclotron, (IBA)	1 gantry	1	2028
Indonesia	RSPAD Gatot Soebroto Presidential Hospital, Jakarta	p	230, cyclotron, (IBA)	1 gantry	1	2025?
Poland	Wielkopolskie Centrum Onkologii, Poznan	p	230, SC symchro-cyclotron, (IBA)	1 gantry	1	2026?
Romania	Bucharest Oncological Institute, Bucharest	p	open	1 gantry	1	2026?
Russia	Hospital No.63 PTC, Moscow	p	250, synchrotron, (Hitachi)	open	?	2025?
Spain	University of Córdoba, Córdoba	p	250, synchro-cyclotron, (Mevion)	1 gantry	1	2026
Spain	Fuenlabrada University Hospital, Madrid	p	230, SC synchro-cyclotron, (IBA)	1 gantry	1	2026
Spain	Galicia Proton Therapy Center, Santiago de Compostela	p	230, SC synchro-cyclotron, (IBA)	1 gantry, 1 fixed beam for clinical research	1	2025
Spain	Gran Canaria University Hospital, Gran Canaria	p	230, SC synchro-cyclotron, (IBA)	1 gantry	1	2026
Spain	La Fe University Hospital, Valencia	p	230, SC synchro-cyclotron, (IBA)	1 gantry	1	2025
Spain	La Paz University Hospital, Madrid	p	230, SC synchro-cyclotron, (IBA)	1 gantry	1	2026
Spain	Malaga University Hospital, Malaga	p	250, synchro-cyclotron, (IBA)	1 gantry	1	2026
Spain	Marqués de Valdecilla University Hospital, Santander	p	250, SC cyclotron, (Varian)	1 gantry	1	2026

Spain	Onkologicoa, San Sebastian	p	230, SC synchro- cyclotron, (IBA)	1 gantry	1	2026
Spain	Virgen del Rocio University Hospital, Sevilla	p	230, SC synchro- cyclotron, (IBA)	1 gantry	1	2026
Switzerland	PTC Zürichobersee, Galgenen	p	230, SC synchro- cyclotron, (IBA)	3 gantries	3	2029?
Switzerland	CHUV, Lausanne	p	250, SC synchro- cyclotron, (Mevion)	1 gantry	1	2028?
Taiwan (China)	Chung Shan Medical University Hospital, Taichung City	p	250, SC synchro- cyclotron, (Mevion)	1 gantry	1	2025?
Taiwan (China)	Taichung Veteran General Hospital, Taichung City	p	250, SC cyclotron, (Sumitomo)	2 gantries	2	2026
USA	Atlantic Health System, New Jersey, NY	p	250, SC synchro- cyclotron (Mevion)	1 gantry	1	2026
USA	New Mexico Cancer Center, Albuquerque, NM.	p	230, SC synchro- cyclotron, (IBA)	1 gantry	1	2025?
USA	Kansas Provision Care Cancer Center, Kansas City, KS.	p	230, cyclotron (ProNova)	3 gantries	3	2023?
USA	Danbury Proton, Vernon, CT.	p	250, SC synchro- cyclotron (Mevion)	1 gantry	1	?
USA	H. Lee Moffitt CC & RI Hospital, Tampa, FL.	p	230, SC cyclotron, (IBA)	1 gantry	1	2026
USA	Connecticut Proton Therapy Center, Wallingford, CT.	p	230, SC cyclotron, (IBA)	1 gantry	1	2026

*) Vendor delivering the technology, ? = open