

Czech Republic	PTC Czech r.s.o., Prague	p	C 230	3 gantries**, 1 horiz. fixed beam	2012	7749	Dec-21
Denmark	Dansk Center for Partikelterapi, Aarhus	p	C 250	3 gantries**, 1 horiz. fixed beam**	2019	1391	Dec-24
France	CAL/IMPT, Nice	p	C65, SC 235	1 fixed beam, 1 gantry**	1991, 2016	8689	Dec-24
France	CPO, Orsay	p	SC 230	1 gantry, 2 horiz. fixed beams	1991, 2014	13565	Dec-24
France	CYCLHAD, Caen	p	SC 230	1 gantry**	2018	1113	Dec-24
Germany	HZB – Charité, Berlin	p	C 72	1 horiz. fixed beams	1998	4855	Dec-24
Germany	HIT, Heidelberg	p	S 250	2 horiz. fixed beams, 1 gantry**	2009, 2012	4625	Dec-24
Germany	HIT, Heidelberg	C-ion	S 430/u	2 horiz. fixed beams, 1 gantry**	2009, 2012	5527	Dec-24
Germany	WPE, Essen	p	C 230	4 gantries***, 1 horiz. fixed beams	2013	4905	Dec-24
Germany	UPDT, Dresden	p	C 230	1 gantry***	2014	2200	Dec-24
Germany	MIT, Marburg	p	S 250	3 horiz., 1 45deg. fixed beams**	2015	1677	Dec-24
Germany	MIT, Marburg	C-ion	S 430/u	3 horiz., 1 45deg. fixed beams**	2015	1199	Dec-24
India	Apollo Hospitals PTC, Chennai	p	C 230	2 gantries, 1 horiz. fixed beam**	2019	1400	Dec-23
India	Tata Memorial Center, Mumbai, Maharashtra	p	C 230	3 gantries**	2023	1st patients	May-23
Italy	INFN-INS, Catania	p	C 60	1 horiz. fixed beam	2002	350	Dec-24
Italy	CNAO, Pavia	p	S 250	3 horiz., 1 vertical, fixed beams	2011	2718	Dec-24
Italy	CNAO, Pavia	C-ion	S 480/u	3 horiz., 1 vertical, fixed beams	2012	2669	Dec-24
Italy	APSS, Trento	p	C 230	2 gantries**, 1 horiz. fixed beam	2014	2465	Dec-24
Italy	European Institute of Oncology (IEO), Milan	p	SC 230	1 gantry**	2023	165	Dec-24
Japan	HIMAC, OST, Chiba	C-ion	S 800/u	horiz.***, vertical***, fixed beams, 1 gantry	1994, 2017	15024	Mar-23
Japan	NCC, Kashiwa	p	C 235	2 gantries***	1998	5168	Dec-22
Japan	HIBMC, Hyogo	p	S 230	1 gantry	2001	6978	Dec-24
Japan	HIBMC, Hyogo	C-ion	S 320/u	horiz., vertical, fixed beams	2002	3724	Dec-24
Japan	PMRC 2, Tsukuba	p	S 250	2 gantries***	2001	7313	Apr-23
Japan	Shizuoka Cancer Center	p	S 235	3 gantries, 1 horiz. fixed beam	2003	3319	Dec-24
Japan	STPTC, Koriyama-City	p	S 235	2 gantries**, 1 horiz. fixed beam	2008	6941	Mar-23
Japan	GHMC, Gunma	C-ion	S 400/u	3 horiz., 1 vertical, fixed beams	2010	7771	Dec-24
Japan	Medipolis MRI, Ibusuki	p	S 250	3 gantries***	2011	5601	Dec-23
Japan	Fukui Prefectural Hospital PTC, Fukui City	p	S 235	2 gantries***, 1 horiz. fixed beam	2011	2221	Dec-24
Japan	Nagoya PTC, Nagoya City, Aichi	p	S 250	2 gantries***, 1 horiz. fixed beam	2013	5458	Mar-20
Japan	SAGA-HIMAT, Tosu	C-ion	S 400/u	3 horiz., vertical, 45 deg., fixed beams	2013	8361	Jun-23
Japan	Hokkaido Univ. Hospital PBTC, Hokkaido	p	S 220	1 gantry	2014	1046	Mar-23
Japan	Aizawa Hospital PTC, Nagano	p	C 235	1 gantry	2014	881	Mar-23
Japan	i-Rock Kanagawa Cancer Center, Yokohama	C-ion	S 430/u	4 horiz., 2 vertical, fixed beams	2015	2675	Dec-22
Japan	Tsuayama Chuo Hospital, Okayama	p	S 235	1 gantry	2016	689	Mar-23
Japan	PTC Teishinkai Hospital, Sapporo, Hokkaido	p	S 230	1 gantry	2016	682	Mar-20
Japan	Hakuhokai Group Osaka PT Clinic, Osaka	p	S 235	1 gantry**	2017	247	Mar-23
Japan	Kobe Proton Center, Kobe	p	S 235	1 gantry**	2017	1526	Dec-24
Japan	Narita Memorial Proton Center, Toyohashi	p	C 235	1 gantry**	2018	120	Dec-19

Japan	Osaka Heavy Ion Therapy Center	C-ion	S 430/u	3 rooms, 6 fixed beams**	2018	3189	May-23
Japan	Hokkaido Ohno Memorial Hospital, Sapporo	p	C 235	1 gantry**	2018	163	Mar-22
Japan	Takai Hospital, Tenri	p	C 230	1 gantry**	2018	287	May-22
Japan	Nagamori Memorial Center of Innovative Cancer Therapy and Research, Kyoto	p	S 220	2 gantries**	2019	955	Mar-23
Japan	East Japan HIC, Yamagata University Hospital, Yamagata	C-ion	S 430/u	1 SC gantry**, 1 horiz. & verticla fixed beam	2021	12	Mar-21
Japan	Shonan Kamakura Advanced Medical Center, Kanagawa	p	S 220	1 gantry**	2022	165	Jul-23
Norway	Oslo University Hospital, Oslo	p	C 250	3 gantries** (1 gantry** for experimental research)	2025	1st patients	Mar-25
Norway	Haukeland University Hospital, Bergen	p	C 250	2 gantries** (1 gantry** for experimental research)	2025	1st patients	May-25
Poland	IFJ PAN, Krakow	p	C 230	1 horiz. fixed beam, 2 gantries	2011, 2016	1083	Dec-22
Russia	ITEP, Moscow	p	S 250	1 horiz. fixed beam	1969	4368	Dec-20
Russia	JINR 2, Dubna	p	C 200****	1 horiz. fixed beam	1999	1299	Dec-20
Russia	MIBS, Saint-Petersburg	p	C 250	2 gantries**	2018	147	Dec-19
Russia	MRRC, Obninsk	p	S 250	1 fixed beam	2016	1059	Dec-24
Russia	Federal HighTech Center of FMBA, Dimitrovgrad	p	C 230	4 gantries**	2019	1st patients	Nov-19
Saudi Arabia	Saudi Particle Therapy Center, Riyadh	p	C 250	3 gantries**, 2 fixed beams**	2023	1st patients	Dec-23
Singapore	Mount Elizabeth Novena Hospital Proton Center	p	C 230	1 gantry**	2023	1st patients	May-23
Singapore	National Cancer Center Singapore (NCCS)	p	S 250	4 gantries**, 1 fixed beam	2023	1st patients	Jun-23
Singapore	Singapore Institute for Advanced Medicine	p	C 230	1 gantry**	2023	1st patients	Jun-23
South Korea	KNCC, IIsan	p	C 230	2 gantries, 1 horiz. fixed beam***	2007	5870	Dec-24
South Korea	Samsung PTC, Seoul	p	C 230	2 gantries**	2016	7087	Dec-24
South Korea	Yonsei University Severance Hospital, Seoul	C-ion	S 430/u	2 gantries, 1 horiz.fixed beam**	2023	1st patients	Apr-23
Spain	Quironsalud, Madrid	p	SC 230	1 gantry**	2019	408	Dec-22
Spain	Cancer Center Clinica Universidad de Navarra, Madrid	p	S 220	1 gantry**	2020	818	Dec-23
Sweden	The Skandion Clinic, Uppsala	p	C 230	2 gantries**	2015	2451	Dec-24
Switzerland	CPT, PSI, Villigen	p	C 250	1 horiz. fixed beam, 3 gantries**	1984, 1996, 2013, 2018	10785	Dec-24
Thailand	HRH Princess Maha Chakri Sirindhorn, Bangkok	p	C 230	1 gantry***.	2021	728	Dec-23
Taiwan (China)	Chang Gung Memorial Hospital, Taipei	p	C 230	4 gantries***, 1 horiz. fixed beam exp.	2015	4424	May-23
Taiwan (China)	Chang Gung Memorial Hospital, Kaohsiung	p	C 230	3 gantries***	2018	1600	May-23
Taiwan (China)	Taipei Medical University Hospital, Taipei	p	C 230	1 gantry***	2022	499	Dec-24
Taiwan (China)	Taiwan Veterans General Hospital, Taipei	C-ion	S 430/u	2 vertical and 2 horiz. fixed beams***	2022	2	Sep-22
Taiwan (China)	PTC of China Medical University Hospital, Taichung	p	C 250	2 gantries**	2024	1st patients	Apr-24
The Netherlands	UMC PTC, Groningen	p	C 230	2 gantries**	2018	2666	Dec-24
The Netherlands	HollandPTC, Delft	p	C 250	2 gantries**, 1 horiz. fixed beam	2018	1954	Dec-24
The Netherlands	ZON PTC, Maastricht	p	SC 250	1 gantry**	2019	1276	Dec-24
United Kingdom	Clatterbridge	p	C 62	1 horiz. fixed beam	1989	4128	Dec-21
United Kingdom	The Christie Proton Therapy Center, Manchester	p	C 250	3 gantries**	2018	1639	Dec-24
United Kingdom	NHS UCLH Proton Therapy Center, London	p	C 250	3 gantries**	2021	1st patients	Dec-21
USA, CA.	J. Slater PTC, Loma Linda	p	S 250	3 gantries, 1 horiz. fixed beam	1990	21200	Dec-19

USA, CA.	UCSF-CNL, San Francisco	p	C 60	1 horiz. fixed beam	1994	2530	Dec-24
USA, MA.	MGH Francis H. Burr PTC, Boston	p	C 235	2 gantries***, 1 horiz. fixed beam	2001	14479	Dec-24
USA, TX.	MD Anderson Cancer Center, Houston.	p	S 250	(1) 3 gantries***, 1 horiz. fixed beam	2006	9360	Dec-19
	2 facilities			(2) 3 gantries***, 1 horiz. fixed beam	2024	1st patients	Jan-24
USA, FL.	UFHPTI, Jacksonville	p	C 230	3 gantries***, 1 horiz. fixed beam	2006	11883	Dec-24
		p	C 230	single room, 1 gantry**	2019		
USA, OK.	Oklahoma Proton Center, Oklahoma City	p	C 230	1 gantry, 1 horiz, 2 horiz&60deg., fixed beams	2009	5002	Dec-23
USA, PA.	Roberts PTC,UPenn. Philadelphia	p	C 230	4 gantries***, 1 horiz.fixed beam	2010	10304	Dec-24
	Penn Medicine Lancaster General Health	p	C 250	1 gantry **	2022		
	Penn Medicine Virtua Health	p	C 250	1 gantry**	2023		
USA, IL.	Northwestern Medicine PC, Warrenville, Chicago	p	C 230	1 gantry***, 1 horiz, 2 horiz&60deg., fixed beams	2010	6126	Dec-22
USA, VA.	HUPTI, Hampton	p	C 230	4 gantries, 1 horiz.fixed beam	2010	?	Dec-20
USA, NJ.	ProCure Proton Therapy Center, Somerset	p	C 230	4 gantries***	2012	6016	Dec-21
USA, WA.	Fred Hutchinson Cancer Center, Proton Therapy, Seattle	p	C 230	4 gantries***	2013	5038	Dec-23
USA, MO.	S. Lee Kling PTC, Barnes Jewish Hospital, St. Louis	p	SC 250	1 gantry	2013	1798	Dec-24
USA, TN.	Thompson Proton Center, Knoxville	p	C 230	3 gantries**	2014	4003	Dec-24
USA, CA.	California Protons Cancer Therapy Center, San Diego	p	C 250	3 gantries**, 2 horiz. fixed beams**	2014	?	Dec-20
USA, LA.	Willis Knighton Proton Therapy Cancer Center, Shreveport	p	C 230	1 gantry**	2014	1091	Dec-22
USA, FL.	Ackerman Cancer Center, Jacksonville	p	SC 250	1 gantry	2015	2000	Mar-21
USA, MN.	Mayo Clinic Proton Beam Therapy Center, Rochester	p	S 220	4 gantries**	2015	8503	Dec-23
USA, NJ.	Laurie Proton Center of Robert Wood Johnson Univ. Hospital, New Brunswick	p	SC 250	1 gantry	2015	?	Dec-20
USA, TX.	Texas Center for Proton Therapy, Irving	p	C 230	2 gantries**, 1 horiz. fixed beam	2015	3000	Apr-22
USA, TN.	St. Jude Red Frog Events Proton Therapy Center, Memphis	p	S 220	2 gantries**, 1 horiz. fixed beam	2015	300	Dec-17
USA, AZ.	Mayo Clinic Proton Therapy Center, Phoenix	p	S 220	4 gantries**	2016	2834	Dec-21
USA, MD.	Maryland Proton Treatment Center, Baltimore	p	C 250	4 gantries**, 1 horiz. fixed beam**	2016	2791	Dec-20
USA, FL.	Orlando Health PTC, Orlando	p	SC 250	1 gantry	2016	591	Dec-19
USA, OH.	UH Sideman CC, Cleveland	p	SC 250	1 gantry	2016	80	Dec-16
USA, OH.	Cincinnati Children's Proton Therapy Center, Cincinnati	p	C 250	3 gantries**	2016	239	Dec-17
USA, MI.	Beaumont Health Proton Therapy Center, Royal Oak, Detroit	p	C 230	1 gantry**	2017	600	Dec-20
USA, FL.	Baptist Hospital's Cancer Insitute PTC, Miami	p	C 230	3 gantries**	2017	2276	Dec-23
USA, D.C.	MedStar Georgetown University Hospital PTC, Washington D.C.	p	SC 250	1 gantry**	2018	first patients	Mar-18
USA, TN.	Provision CARES PTC, Nashville	p	C 230	2 gantries**	2018	900	Oct-21
USA, GA.	Emory Proton Therapy Center, Atlanta	p	C 250	3 gantries**, 2 horiz. fixed beams**	2018	4571	Dec-24
USA, OK.	Stephenson Cancer Center, Oklahoma	p	SC 250	1 gantry**	2018	135	Jun-19

USA, MI.	McLaren PTC, Flint	p	S 250/330	3 gantries**	2019	56	Dec-19
USA, NY.	The New York Proton Center, East Harlem, New York	p	C 250	3 gantries**, 1 horiz. fixed beam**	2019	5188	Dec-24
USA, DC.	Johns Hopkins National Proton Center, Washington	p	S 250	3 gantries**, 1 horiz. fixed beam**	2019	993	Dec-22
USA, FL.	South Florida Proton Therapy Institute, SPPTI, Delray Beach	p	C 250	1 gantry**	2019	5	Dec-19
USA, VA.	Inova Schar Cancer Institute PTC, Fairfax	p	C 230	2 gantries**	2020	1000	Mar-24
USA, AL.	Univ of Alabama PTC, Birmingham	p	C 250	1 gantry**	2020	300	Nov-21
USA, FL.	UM Sylvester D'woskin Proton Therapy Center, Miami	p	C 250	1 gantry**	2020	772	Dec-23
USA, MA..	Gordon Browne Proton Centr. MGH, Boston	p	S 250	1 gantry**	2020	80	Dec-20
USA, UT.	Huntsman Cancer Institute, Salt Lake City	p	S 250	1 gantry**	2021	40	Dec-21
USA, MO.	David C. Pratt CC, Mercy Hospital, St. Louis	p	C 250	1 gantry**	2022	first patients	Jul-22
USA, AR.	UAMS Winthrop P. Rockefeller Cancer Institute, Little Rock	p	SC 230	1 gantry**	2023	first patients	Oct-23
USA, KS.	Kansas City Proton Institute (KCPI), Indian Creek Parkway	p	SC 230	1 gantry**	2023	500	Jan-25
USA, OH.	OSUCCC Ohio State University Wexner Medical Center	p	SC 250	2 gantries**, 1 horiz. fixed beam**	2024	first patients	Jan-24
USA, IL.	OSF Health Care Cancer Institute, Peoria	p	SC 250	1 gantry**	2024	123	Dec-24
USA, NC.	Atrium Health Levin Cancer, Charlotte	p	SC 250	1 gantry**	2024	first patients	Oct-24

* S/C/SC = Synchrotron (S) or Cyclotron (C) or SynchroCyclotron (SC)

** with pencil beam scanning

*** with spread beam and pencil beam scanning

**** degraded beam

***** ? means: no confirmed information available about patient treatment