

Hadron Therapy Patient Statistics (data received per May 2011; PTCOG50)

Patient Statistics (for the facilities out of operation):

WHERE		WHAT	FIRST PATIENT	LAST PATIENT	PATIENT TOTAL	
Belgium	Louvain-la-Neuve	p	1991	1993	21	ocular tumors only
Canada	Vancouver (TRIUMF)	π^-	1979	1994	367	ocular tumors only
Germany	Darmstadt (GSI)	C-ion	1997	2009	440	
Japan	Tsukuba (PMRC, 1)	p	1983	2000	700	
Japan	Chiba	p	1979	2002	145	ocular tumors only
Japan	WERC	p	2002	2009	62	
Russia	Dubna (1)	p	1967	1996	124	
Sweden	Uppsala (1)	p	1957	1976	73	
Switzerland	Villigen PSI (SIN-Piotron)	π^-	1980	1993	503	
Switzerland	Villigen PSI (OPTIS 1)	p	1984	2010	5458	ocular tumors only
CA., USA	Berkeley 184	p	1954	1957	30	
CA., USA	Berkeley	He	1957	1992	2054	
CA., USA	Berkeley	ion	1975	1992	433	
IN., USA	Bloomington (MPRI, 1)	p	1993	1999	34	ocular tumors only
MA., USA	Harvard	p	1961	2002	9116	
NM., USA	Los Alamos	π^-	1974	1982	230	

19790 Total

thereof
 2054 He
 1100 pions
 440 C-ions
 433 other ions
 15763 protons

Patient Statistics (for the facilities in operation end of 2010):

WHERE		WHAT	FIRST PATIENT	PATIENT TOTAL	DATE OF TOTAL	
Canada	Vancouver (TRIUMF)	p	1995	152	Dec-10	ocular tumors only
China	Wanjie (WPTC)	p	2004	1078	Dec-10	
China	Lanzhou	C ion	2006	126	Dec-10	
England	Clatterbridge	p	1989	2021	Dec-10	ocular tumors only
France	Nice (CAL)	p	1991	4209	Dec-10	ocular tumors only
France	Orsay (CPO)	p	1991	5216	Dec-10	4245 ocular tumors
Germany	Berlin (HMI)	p	1998	1660	Dec-10	ocular tumors only
Germany	Munich (RPTC)	p	2009	446	Dec-10	
Germany	HIT, Heidelberg	C ion	2010	400	Dec-10	estimate; has to be confirmed
Germany	HIT, Heidelberg	p	2010	40	Dec-10	estimate; has to be confirmed
Italy	Catania (INFN-LNS)	p	2002	174	Mar-09	ocular tumors only
Japan	Chiba (HIMAC)	C ion	1994	5497	Aug-10	
Japan	Kashiwa (NCC)	p	1998	772	Dec-10	
Japan	Hyogo (HIBMC)	p	2001	2382	Nov-09	
Japan	Hyogo (HIBMC)	C ion	2002	638	Nov-09	
Japan	Tsukuba (PMRC, 2)	p	2001	1849	Dec-10	
Japan	Shizuoka	p	2003	986	Dec-10	
Korea	Ilsan, Korea	p	2007	648	Dec-10	
Russia	Moscow (ITEP)	p	1969	4246	Dec-10	
Russia	St. Petersburg	p	1975	1362	Dec-10	
Russia	Dubna (JINR, 2)	p	1999	720	Dec-10	
South Africa	iThemba LABS	p	1993	511	Dec-09	
Sweden	Uppsala (2)	p	1989	1000	Dec-10	
Switzerland	Villigen PSI, incl OPTIS2	p	1996	772	Dec-10	47 ocular tumors
CA., USA	UCSF - CNL	p	1994	1285	Dec-10	ocular tumors only
CA., USA	Loma Linda (LLUMC)	p	1990	15000	Jan-11	
IN., USA	Bloomington (MPRI, 2)	p	2004	1145	Dec-10	
MA., USA	Boston (NPTC)	p	2001	4967	Dec-10	
TX, USA	Houston	p	2006	2700	Dec-10	about 500 with scanning
FL, USA	UFPTI Jacksonville	p	2006	2679	Dec-10	
OK, USA	Oklahoma City (ProCure PTC)	p	2009	21	Dec-09	
IL, USA	CDH Warrenville	p	2010		Oct-10	

64702 Total

thereof
 6661 C-ions
 58041 protons

Total for all facilities (in operation and out of operation):

2054 He
 1100 pions
 7101 C-ions
 433 other ions
 73804 protons
84492 Grand Total