

Hadron Therapy Patient Statistics (data received per end of Feb 2009)

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
Japan	Tsukuba (PMRC, 1)	p	1983	2000	700	
Japan	Chiba	p	1979	2002	145	ocular tumors only
Russia	Dubna (1)	p	1967	1996	124	
Sweden	Uppsala (1)	p	1957	1976	73	
Switzerland	Villigen PSI (SIN-Piutron)	π^-	1980	1993	503	
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	

13830 Total

thereof 2054 He
1100 pions
433 ions
10243 protons

Patient Statistics (for the facilities in operation end of 2008):

WHERE		WHAT	FIRST PATIENT	PATIENT TOTAL	DATE OF TOTAL	
Canada	Vancouver (TRIUMF)	p	1995	137	Dec-08	ocular tumors only
China	Wanjie (WPTC)	p	2004	767	Dec-08	
England	Clatterbridge	p	1989	1803	Dec-08	ocular tumors only
France	Nice (CAL)	p	1991	3690	Dec-08	ocular tumors only
France	Orsay (CPO)	p	1991	4497	Dec-08	3676 ocular tumors
Germany	Darmstadt (GSI)	C ion	1997	384	Oct-07	
Germany	Berlin (HMI)	p	1998	1227	Dec-08	
Italy	Catania (INFN-LNS)	p	2002	151	Dec-07	ocular tumors only
Japan	Chiba (HIMAC)	C ion	1994	4504	Feb-09	
Japan	Kashiwa (NCC)	p	1998	607	Dec-08	
Japan	Hyogo (HIBMC)	p	2001	2033	Dec-08	
Japan	Hyogo (HIBMC)	C ion	2002	454	Dec-08	
Japan	Tsukuba (PMRC, 2)	p	2001	1367	Dec-08	
Japan	WERC	p	2002	56	Dec-08	
Japan	Shizuoka	p	2003	692	Dec-08	
Korea	Ilsan, Korea	p	2007	330	Dec-08	
Russia	Moscow (ITEP)	p	1969	4024	Dec-07	
Russia	St. Petersburg	p	1975	1327	Dec-07	
Russia	Dubna (JINR, 2)	p	1999	489	Dec-08	
South Africa	iThemba LABS	p	1993	503	Dec-08	
Sweden	Uppsala (2)	p	1989	929	Dec-08	
Switzerland	Villigen PSI (72 MeV-Optis)	p	1984	5076	Dec-08	ocular tumors only
Switzerland	Villigen PSI (230 MeV)	p	1996	426	Dec-08	
CA., USA	UCSF - CNL	p	1994	1113	Dec-08	ocular tumors only
CA., USA	Loma Linda (LLUMC)	p	1990	13500	Dec-08	
IN., USA	Bloomington (MPRI, 2)	p	2004	632	Dec-08	
MA., USA	Boston (NPTC)	p	2001	3515	Oct-08	
TX, USA	Houston	p	2006	1000	Dec-08	
FL, USA	Jacksonville	p	2006	988	Dec-08	

56221 Total

thereof 5342 C-ions
50879 protons

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

2054 He
1100 pions
5342 C-ions
433 other ions
61122 protons
70051 Grand Total