

Hadron Therapy Patient Statistics (data received per March 2012)

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

| WHERE | | PARTICLE | 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-Piutron) | 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 2011):

| WHERE | | PARTICLE | FIRST PATIENT | PATIENT TOTAL | DATE OF TOTAL | |
|--------------|-----------------------------|----------|---------------|---------------|--------------------|---------------------|
| Canada | Vancouver (TRIUMF) | p | 1995 | 161 | Dec-11 | ocular tumors only |
| China | Wanjie (WPTC) | p | 2004 | 1078 | Dec-11 | no patients in 2011 |
| China | Lanzhou | C ion | 2006 | 159 | Dec-11 | |
| England | Clatterbridge | p | 1989 | 2151 | Dec-11 | ocular tumors only |
| France | Nice (CAL) | p | 1991 | 4417 | Dec-11 | ocular tumors |
| France | Orsay (CPO) | p | 1991 | 5634 | Dec-11 | 4540 ocular tumors |
| Germany | Berlin (HMI) | p | 1998 | 1859 | Dec-11 | ocular tumors only |
| Germany | Munich (RPTC) | p | 2009 | 895 | Dec-11 | |
| Germany | HIT, Heidelberg | C ion | 2010 | 568 | Dec-11 | |
| Germany | HIT, Heidelberg | p | 2010 | 94 | Dec-11 | |
| Italy | Catania (INFN-LNS) | p | 2002 | 290 | Dec-11 | ocular tumors only |
| Italy | Pavia (CNAO) | C ion | 2011 | 5 | Dec-11 | |
| Japan | Chiba (HIMAC) | C ion | 1994 | 6569 | Dec-11 | 11 with scanning |
| Japan | Kashiwa (NCC) | p | 1998 | 870 | Dec-11 | estimated |
| Japan | Hyogo (HIBMC) | p | 2001 | 3198 | Dec-11 | |
| Japan | Hyogo (HIBMC) | C ion | 2002 | 1271 | Dec-11 | |
| Japan | Tsukuba (PMRC, 2) | p | 2001 | 2166 | Dec-11 | |
| Japan | Shizuoka | p | 2003 | 1175 | Dec-11 | |
| Japan | Koriyama-City | p | 2008 | 1378 | Dec-11 | |
| Japan | Gunma | C ion | 2010 | 271 | Dec-11 | |
| Japan | Ibusuki (MMRI) | p | 2011 | 180 | Dec-11 | |
| Korea | Ilsan, Seoul | p | 2007 | 810 | Dec-11 | |
| Poland | Krakow | p | 2011 | 11 | Dec-11 | ocular tumors only |
| Russia | Moscow (ITEP) | p | 1969 | 4300 | Dec-11 | estimated |
| Russia | St. Petersburg | p | 1975 | 1372 | Dec-11 | |
| Russia | Dubna (JINR, 2) | p | 1999 | 828 | Dec-11 | |
| South Africa | iThemba LABS | p | 1993 | 521 | Dec-11 | |
| Sweden | Uppsala (2) | p | 1989 | 1185 | Dec-11 | |
| Switzerland | Villigen PSI, incl OPTIS2 | p | 1996 | 1107 | Dec-11 | 277 ocular tumors |
| USA, CA. | UCSF - CNL | p | 1994 | 1391 | Dec-11 | ocular tumors only |
| USA, CA. | Loma Linda (LLUMC) | p | 1990 | 16000 | Dec-11 | estimated |
| USA, IN. | Bloomington (IU Health PTC) | p | 2004 | 1431 | Dec-11 | |
| USA, MA. | Boston (NPTC) | p | 2001 | 5562 | Oct-11 | |
| USA, TX. | Houston (MD Anderson) | p | 2006 | 3400 | Feb-12 | |
| USA, FL. | Jacksonville (UFPTI) | p | 2006 | 3461 | Dec-11 | |
| USA, OK. | Oklahoma City (ProCure PTC) | p | 2009 | 623 | Dec-11 | |
| USA, PA. | Philadelphia Upenn) | p | 2010 | 433 | Dec-11 | |
| USA, IL. | CDH Warrenville | p | 2010 | 367 | Dec-11 | |
| USA, VA. | Hampton (HUPTI) | p | 2010 | | | no data available |
| | | | | | 77191 Total | |

thereof
 8843 C-ions
 67904 protons

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

2054 He
 1100 pions
 9283 C-ions
 433 other ions
 83667 protons
96537 Grand Total