



PTCS

Proton Therapy Center Switzerland AG

4 Can children also be treated with proton therapy?

Radiation therapy for children is an important indication for proton therapy. The majority of patients currently treated with protons at the Paul Scherrer Institute (PSI) in Villigen, Canton of Aargau, are children. As they have a very long life expectancy after treatment and their organism are more sensitive to radiation compared to that of adults, it is particularly important to keep long term side effects of radiation therapy for children as low as possible. This because of late effects after conventional radiation therapy in children which are often particularly pronounced and frequently lead to unbalanced growth. Children therefore benefit exceptionally from proton therapy.