

2016/1/14

治療方針番号	P	BS	1
疾患名			
脊索腫、軟骨肉腫			
適応			
病理学的に診断され転移のない脊索腫、軟骨肉腫			
病態			
<input checked="" type="checkbox"/> 切除非適応 <input checked="" type="checkbox"/> 化学療法不応 <input type="checkbox"/> <input checked="" type="checkbox"/> 再発性 <input type="checkbox"/> 転移性 <input type="checkbox"/> 他			
照射方法			
1) 重要臓器近接, 63-70.4GyE/26-39回 2) 重要臓器非近接, 70.4GyE/16回 * (2)は週4回法)			
併用療法			
外科的切除を併用する場合もある			
根拠となる論文, ガイドライン, 実績等			
1) Ares C et al. Effectiveness and safety of spot scanning proton radiation therapy for chordomas and chondrosarcomas of the skull base: first long-term report. Int J Radiat Oncol Biol Phys. 75, 1111-1118, 2009. 2) DeLaney TF et al. Phase II study of high-dose photon/proton radiotherapy in the management of spine sarcomas. Int J Radiat Oncol Biol Phys. 74, 732-739, 2009. 3) Fuji H et al. Feasibility of proton beam therapy for chordoma and chondrosarcoma of the skull base. Skull Base. 21, 201-206, 2011. 4) Staab A et al. Spot-scanning-based proton therapy for extracranial chordoma. Int J Radiat Oncol Biol Phys. 81, e489-e496, 2011. 5) Rombi B et al. Spot-scanning proton radiation therapy for pediatric chordoma and chondrosarcoma: clinical outcome of 26 patients treated at paul scherrer institute. Int J Radiat Oncol Biol Phys. 86, 578-584, 2013. 6) Mima M et al. Particle therapy using carbon ions or protons as a definitive therapy for patients with primary sacral chordoma. Br J Radiol. 87:20130512, 2014. 7) Demizu Y et al. Particle therapy for bone and soft tissue sarcomas: comparison of carbon ion therapy and proton therapy - a single-institution experience. International Journal of Particle Therapy. doi: 10.14338/IJPT.13-PTCOG-1.1, 59, 2014. 8) Deraniyagala RL et al. Proton therapy for skull base chordomas: an outcome study from the university of Florida proton therapy institute. J Neurol Surg B Skull Base. 75, 53-57, 2014. 9) DeLaney TF et al. Long-term results of Phase II study of high dose photon/proton radiotherapy in the management of spine chordomas, chondrosarcomas, and other sarcomas. J Surg Oncol. 110, 115-122, 2014.			
備考			