

2022/7/1

治療方針番号	P	LI	1
疾患名	肝細胞癌		
適応	限局性肝細胞癌(保険適応外のもの)		
病態	☐ 切除非適応 ☒ 化学療法不応 ☐ 再発性 ☐ 転移性 ☐ 他		
照射方法	1) 末梢型, 66GyE/10回 2) 肝門部型, 72.6-76GyE/20-22回 3) 消化管近接型, 74-76GyE/37-38 回		
併用療法			
根拠となる論文, ガイドライン, 実績等	1) Mizumoto M. et al. Proton beam therapy for hepaocellar carcinoma: a comparison of three treatment protocols. Int J Radiat Oncol Biol Phys. 81(4) :1039-45,2011 2) Fukumitsu N. et al. A prospective study of hypofractionated proton beam therapy for patients with hepatocellular carcinoma. Int J Radiat Oncol Biol Phys. 74(3) :831-6,2009 3) Mizumoto M. et al. Proton beam therapy for hepatocellular carcinoma adjacent to the porta hepatis. Int J Radiat Oncol Biol Phys. 71(2) :462-7,2008 4) Kawasima M. et al. Phase II Study of Radiotherapy Employing Proton Beam for Hepatocellular Carcinoma. J Clin Oncol 23:1839-1846(東) 5) Komatsu S, Fukumoto T, Demizu Y, Miyawaki D, Terashima K, Sasaki R, et al. Clinical results and risk factors of proton and carbon ion therapy for hepatocellular carcinoma. Cancer. 2011. Epub 2011/04/16. 6) Komatsu S, Murakami M, Fukumoto T, Hori Y, Hishikawa Y, Ku Y. Risk factors for survival and local recurrence after particle radiotherapy for single small hepatocellular carcinoma. Br J Surg. 2011. Epub 2011/01/20 7) 肝癌診療ガイドライン2013 エビデンスレベル2b		
備考			