

2024/6/1

治療方針番号	C	LU	1
疾患名	転移および隣接臓器浸潤のない肺癌		
適応	リンパ節転移のない限局性肺癌(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, 1日1回 週4回照射法 ・cT1-T2aN0, 総線量54.0-64.0Gy (RBE)/4回、50.0Gy (RBE)/1回 64-72.0Gy (RBE)/12-16回(線量制約で上記分割が困難な場合) ・cT2b-T3N0, 総線量64.0-72.0Gy (RBE)/12-16回 2)中枢型 ・気管支壁外腫瘍形成型, 1日1回 週4回照射法, 総線量68.4Gy (RBE)/12回 ・気管支壁内表層浸潤型, 1日1回週3回照射法, 総線量54.0Gy (RBE)/9回		
併用療法	併用療法に関する制約なし		
根拠となる論文, ガイドライン, 実績等	1) Miyamoto T, Baba M, Sugane T, et al. Carbon ion radiotherapy for stage I non-small cell lung cancer using a regimen of four fractions during 1 week. Journal of Thoracic Oncology. 2 : 916-926,2007 2)Takahashi W, Nakajima M, Yamamoto N, et al. Carbon ion radiotherapy in a hypofractionation regimen for stage I non-small cell lung cancer Journal of Radiation Research. 55: i26-i27,2014 3)Yamamoto N, Chapter 21 Lung Cancer Tsujii H, Kamada T, Shirai T, Node K, Tsuji H, Karasawa K eds. Carbon-Ion Radiotherapy. Principle, Practice, and Treatment Planning. Springer, 2014 4)Sugane T, Baba M, Imai R, et al. Carbon ion radiotherapy for elderly patients 80 years and older with stage I non-small cell lung cancer. Lung Cancer.64; 45-50, 2009. 5) Takahashi W, Nakajima M, Yamamoto N, et al: A prospective nonrandomized phase I/II study of carbon ion radiotherapy in a favorable subset of locally advanced non-small cell lung cancer. Cancer 121: 1321-1327, 2015 6)Iwata H, Demizu Y, Fujii O, et al: Long-term outcome of proton therapy and carbon-ion therapy for large (T2a-T2bN0M0) non-small cell lung cancer. Journal of Thoracic Oncology. 8 : 726-735, 2013 7)山本直敬,他.肺門型肺癌に対する重粒子線治療 気管支支23:712-720,2001 8)Yamamoto N, Nakajima M, Kurabe M, et al. A clinical trial of carbon-ion radiotherapy for the centrally located early stage lung cancer. 28th Annual Meeting of JASTRO, 2015		
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