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^{99m}Tc(V)-DMSA and ^{99m}Tc-MDP uptake and no ^{67}Ga-citrate uptake in a case of primary pulmonary leiomyosarcoma

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Tumor scintigraphy with ^{67}Ga-citrate, ^{99m}Tc(V)-DMSA and ^{99m}Tc-MDP were performed on a patient with rare primary pulmonary leiomyosarcoma. While ^{67}Ga-citrate accumulation to the tumor was not recognized, ^{99m}Tc(V)-DMSA and ^{99m}Tc-MDP scintigraphy showed relatively intense localization of the tracers in the lesion, and were very useful in suggesting the characteristics of the tumor.

Key words: pulmonary leiomyosarcoma, MRI, ^{99m}Tc(V)-DMSA, ^{99m}Tc-MDP, ^{67}Ga-citrate