

Scintigraphic evaluation of two cases with alveolar soft part sarcoma

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Two cases of alveolar soft part sarcoma were examined with gallium-67 citrate (^{67}Ga), technetium-99m-methylenediphosphate ($^{99\text{m}}\text{Tc-MDP}$) and technetium-99m(V)-dimercaptosuccinic acid (Tc(V)-DMS) to compare the sensitivity of these three radiopharmaceuticals.

All scintigrams were positive with primary tumor, and images with Tc(V)-DMS were the best. Skull metastasis could be also detected by all agents, but scintigrams with lung metastases were negative. In scintigraphic evaluation of alveolar soft part sarcoma, Tc(V)-DMS may be a better agent than ^{67}Ga or $^{99\text{m}}\text{Tc-MDP}$.

Key words: Alveolar soft part sarcoma, $^{99\text{m}}\text{Tc-MDP}$, $^{67}\text{Ga-citrate}$, $^{99\text{m}}\text{Tc(V)-dimercaptosuccinic acid}$