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-methylene diphosphonate ($^{99m}$Tc-MDP) and technetium-99m(V)-dimercapto-succinic acid ($^{99m}$Tc(V)-DMS) to compare the sensitivity of these three radiopharmaceuticals.

All scintigrams were positive with primary tumor, and images with $^{99m}$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, $^{99m}$Tc(V)-DMS may be a better agent than $^{67}$Ga or $^{99m}$Tc-MDP.

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