

Accumulation of Technetium-99m MDP in pseudomyxoma peritonei

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An ovarian mucinous cystadenocarcinoma which moderately accumulated Tc-99m MDP was imaged during a whole body bone scan. The primary tumor and its implants in the peritoneal cavity were both visualized and correlated with US and TCT scan findings. As a result, the radiopharmaceutical distribution accurately delineated the primary tumor and the region of tumor involvement within the peritoneal cavity. Therefore, a whole body bone scan offers a potential method for assessing neoplastic size and spread.

Key words: Whole body bone scan, Tc-99m-MDP, Pseudomyxoma peritonei, Mucinous cystadenocarcinoma, Ovary