

The usefulness of ^{99m}Tc -hexamethylpropyleneamineoxime white blood cell scintigraphy in a patient with eosinophilic gastroenteritis

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White blood cell (WBC) ^{99m}Tc -hexamethylpropyleneamineoxime (HMPAO) scintigraphy was performed in a patient with eosinophilic gastroenteritis. WBC accumulation was detected in the terminal ileum to descending colon, and pathological studies demonstrated eosinophilic infiltration at the same region. ^{99m}Tc -HMPAO-WBC scintigraphy was proved to be a useful tool for the detection of eosinophilic infiltration in eosinophilic gastroenteritis.

Key words: eosinophilic gastroenteritis, ^{99m}Tc -hexamethylpropyleneamineoxime (HMPAO), WBC