

Indium-111-chloride scintigraphy visualized gastric involvement in a case of adult T-cell leukemia

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We report a case of adult T-cell leukemia (ATL) with gastric involvement visualized by ^{111}In -chloride scintigraphy. A 55-year-old male patient presented with upper abdominal pain and appetite loss. His barium gastric series showed multiple ulcerating polypoid tumors due to gastric involvement of ATL. These lesions accumulated ^{111}In -chloride and were also avid for ^{67}Ga -citrate. Although the mechanism of ^{111}In -chloride accumulation is unknown, ^{111}In -chloride scintigraphy may be useful in evaluating patients with ATL.

Key words: ^{111}In -chloride bone marrow scintigraphy, ^{67}Ga -citrate, adult T-cell leukemia