

CASE REPORT

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**A patient with cardiac amyloidosis presenting a rapid increase
in technetium-99m-hydroxymethylene diphosphonate accumulation**

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We assessed the changes in cardiac condition in a patient with cardiac amyloidosis, by means of dual nuclei single photon emission computed tomographic (SPECT) images with technetium-99m-hydroxymethylene diphosphonate (^{99m}Tc -HMDP) and thallium-201 (^{201}Tl). Dual SPECT showed a marked increase in myocardial ^{99m}Tc -HMDP accumulation along with deterioration of symptoms and signs, while ^{201}Tl scintigraphy remained almost unchanged.

Key words: cardiac amyloidosis, scintigraphy, ^{99m}Tc -HMDP, ^{201}Tl