

The radioactive isotope thallium 201 behaves physiologically as a potassium analog, and when injected intravenously accumulates rapidly within the cells of many organs. Uptake of the isotope reflects both regional perfusion and sodium-potassium pump activity. The radionuclide emits 80 keV x-rays which are suitable for scintillation camera imaging.

The main clinical application of ^{201}Tl scintigraphy has been in myocardial imaging.

see [Thallium 201 SPECT](#).

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