



Planar Thyroid Scintigraphy

Species: Feline

Breed: DSH

Age: 9 years

Sex: female

Isotope: ^{99m}Tc

Chemical Form: Pertechnetate

Interpretation : **Bilateral asymmetric thyroid adenomas causing hyperthyroidism before and after discontinuation of a high iodine diet. Notice the poor radionuclide uptake while the patient was consuming the high iodine diet (05/12/99). This patient's thyroid gland was saturated with stable iodine. This would markedly reduce the effectiveness of radioiodine therapy for this patient. Repeat scintigraphy after high iodine diet discontinuation 06/06/99 predicted the successful radioiodine therapy that followed.**