

Clinical Trials

Overview:

- 20 patients
- Mostly breast cancer
- Some Head & Neck and Melanoma
- One penile cancer
- Preoperative examinations
- Gamma camera, Gamma Probe , CrystalCam (only LEHS collimator)

Bas Pouw, Netherlands Cancer Institute

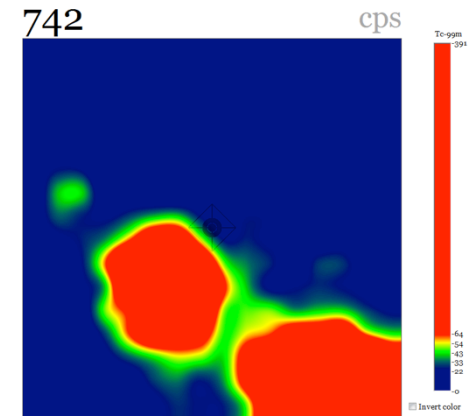
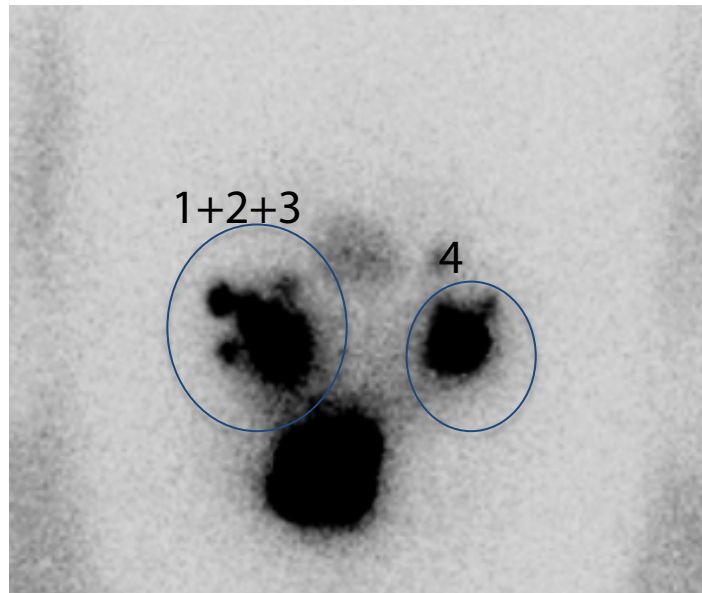
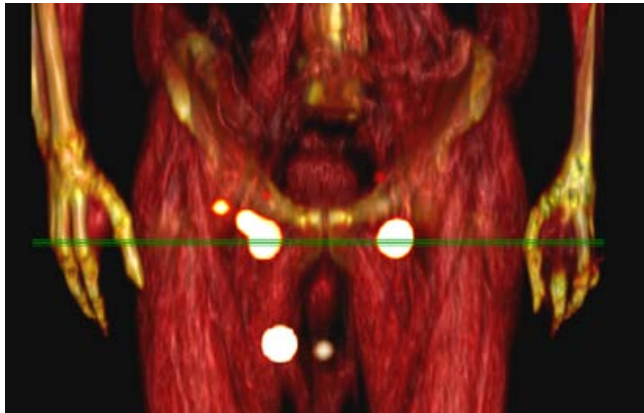
Clinical Trials



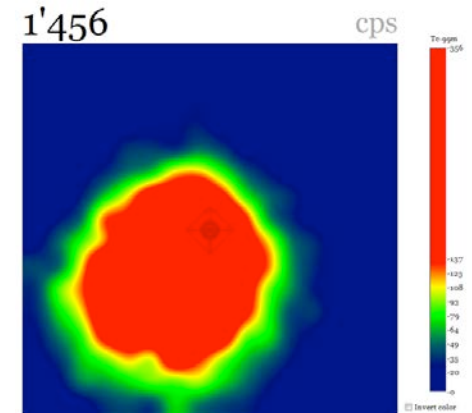
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Clinical Trials

Penile cancer



Time: 2013 12 17 11:43:42
Nuclide: To-99m



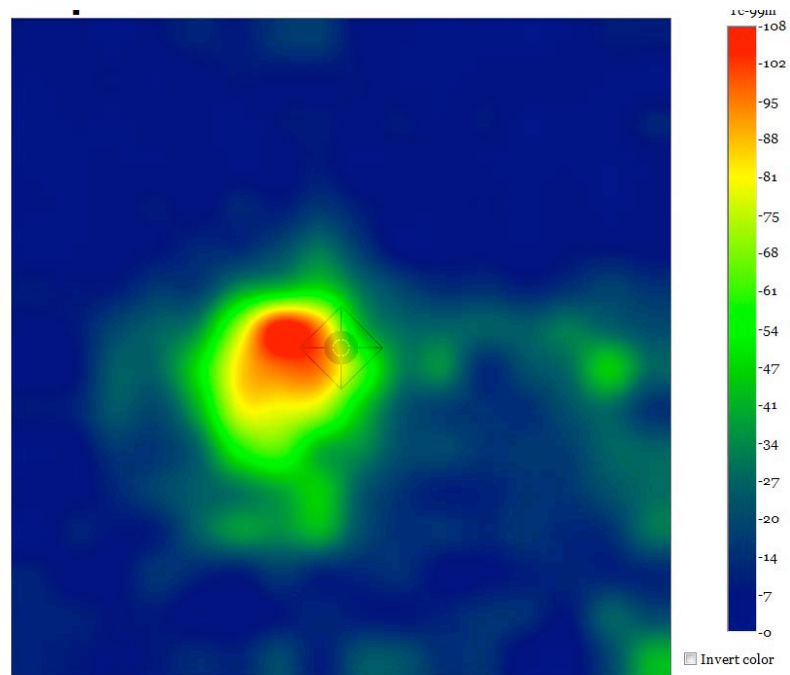
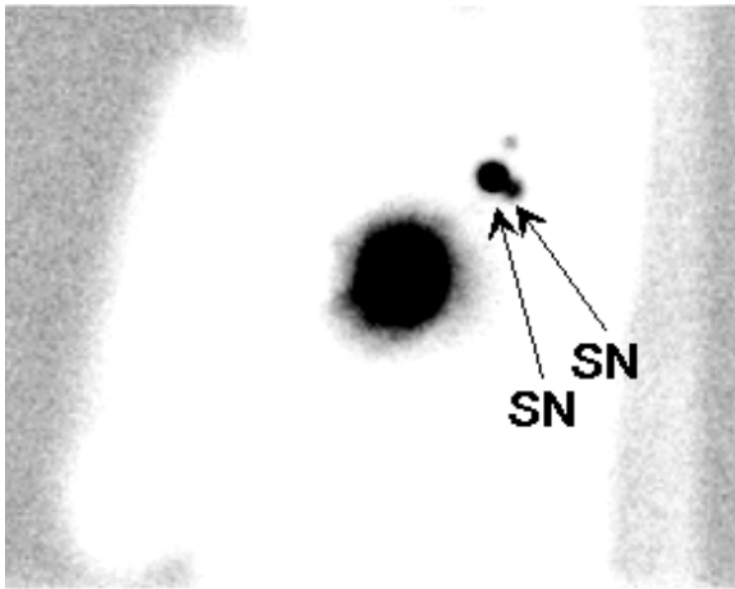
Time: 2013 12 17 11:45:03
Nuclide: To-99m
Energy window: 126,5 - 154,6 keV
Exposure time: 11.1s
Camera: 20783
Collimator: LEHS
Calibration: calibration-2013-12-09-13-39-47
Patient ID: 09090909
Last name: wjk
First name:
Gender: 1 Male
Birth date (y.m.d.):
Comment: wjk, sn penis links

Due to complexity hard to image

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Clinical Trials

Breast cancer



Time: 2013 12.05 11:34:23
Nuclide: Tc-99m
Energy window: 126.5 - 154.6 keV
Exposure time: 5.0s
Camera: 20783
Collimator: LEHS
Calibration: calibration-2013-12-04-08-58-02

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Clinical Trials

First results:

Patients	#SN gamma camera	#SN transcutaneous gamma probe	#SN CrystalCam
20	41	11	38.5

- Very comparable to standard gamma camera
- Much faster
- Better localization results with LEHR collimator more than likely
- Ongoing trial

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