

Fysiologisk og "γ-nuklearmedicinske" undersøgelser/behandlinger

Organ	Undersøgelse	Tracer	Kommentar	Software
Binyre	Binyrebark-/Kolesterolskintigrafi	131-I-kolesterol		Hermes – GOLD3, Display & Scale Images, evt. SPECT/CT
	Binyremarvskintigrafi	123-I-MIBG		Hermes – GOLD3, Display & Scale Images, SPECT/CT
Galdeveje	Galdevejsskintigrafi (børn/voksne)	99m-Tc-Mebrofenin		Hermes – Gold3, DYN/GATED/ACQ/MOVIES, evt. SPECT/CT
	Galdesyremalabsorptions-test	75-Se-hydroxy-tauro-cholsyre (Se-HCAT)		Regneark PIXIE-program, Hermes – GOLD3, STATICS/WB/PRINTS
Hjerte	DPD-skintigrafi	99m-Tc-3,3-di-phosphono-1,2-propandicarboxylsyre (DPD)	Kardiel amyloidose	Hermes – GOLD3, Display & Scale Images, SPECT/CT
	MIBG	I-123-meta-iodo-benzyl-guanidine (MIBG).		Hermes – GOLD3, Display & Scale Images
Knogle	Knogleskintigrafi	99m-Tc-3,3-di-phosphono-1,2-propandicarboxylsyre (DPD)	Onko, metabolisk, rheuma, orto, inf./infl., inkl. 3-faset obs. CRPS	Hermes – GOLD3, Display & Scale Images, SPECT/CT, evt. dyn. ved indikation
Lever	SIRT-skintigrafi	99m-Tc-Makro-Aggregeret-Albumin (MAA)	Selektiv Intern Radio Terapi	Hermes – GOLD3, Display & Scale Images, SPECT/CT
	SIRT-behandling	90-Y-RE (Radio Embolisering)	Selektiv Intern Radio Terapi	Hermes – GOLD3, SPECT/CT
Lunge	Lungeskintigrafi Vent.+Perf.	99m-Tc-Technegas, 99m-Tc-MAASOL	Lungeemboli, præ-HTX	Hermes – GOLD3, SPECT/SPECT/CT
	Reg. lungeskintigrafi	Perf., 99m-Tc-MAASOL	Præ-OP c. pulm.	Hermes – GOLD3, Display & Scale Images
		Vent. + Perf., 99m-Tc-Technegas, 99m-Tc-MAASOL	Præ-OP bullektomi/red.kir./ventil./LTX	
Lymfe	Lymfeskitigrafi	99m-Tc-albuminpartikler (Nanocoll)	Malignt melanom	Hermes – GOLD3, Multi Modality GENERIC, Dynamic Study Display, Display & Scale Images, SPECT/CT
			C. vulva, C. penis	Hermes – GOLD3, SPECT/CT
			C. oris	Hermes – GOLD3, Multi Modality GENERIC, Dynamic Study Display, SPECT/CT
			C. mamma lokoreg. recidiv	
Milt	Miltskintigrafi	99m-Tc-Ultratag- autologe mærkede erythrocytter		Hermes – GOLD3, SPECT/CT
Nyre	GFR	99m-Tc-DTPA		Gammataæller Wizard 2480, TC-DTPA GFR VUE
	Renografi (inkl. forsk. projektioner efter indikation)	99m-Tc-MAG3	Alm., vandre-, hesteko-nyre	Hermes – GOLD3, Renography and Urology, Renografi
	Renografi Captopril og Baseline	99m-Tc-MAG3		Hermes – GOLD3, Renography and Urology, Renografi
	Cystografi (indirekte)	99m-Tc-MAG3		Hermes – GOLD3, Renography and Urology, Renografi
	Nyreskintigrafi (ravsyre)	99m-Tc-DMSA		Hermes – GOLD3, Display & Scale Images
Perifer vaskulatur	DBT, gangbåndstest, HPT, fingre			Perimed, Periflux 5000+6000
Parathyreoidea	Parathyreoideaskintigrafi	99m-Tc-Sestamibi og 99m-Tc-Pertechnetat	Pinhole-kollimator	Hermes – GOLD3, Display & Scale Images, SPECT/CT
Thyreoidea	Thyreoideaskintigrafi	99m-Tc-Pertechnetat	HR-kollimator	Hermes – GOLD3, Display & Scale Images, Thyroid Size Calculations, evt. SPECT/CT
	Benign radiojod-behandling	131-I	Inkl. tracer	Hermes - GOLD3, Thyroid I131 Uptake
	Malign radiojod-behandling	131-I	Inkl. tracer	Hermes – GOLD3, Display & Scale Images, SPECT/CT
Ventrikel	Ventrikeltømmingsskintigrafi	99m-Tc – svovlkolloid	(99mTc- colloidal rhenium sulphide inj. (Nanocolloid), Nanocis eller Human Serum Albumin (nanocolloid), Nanoscan) i æggehvider	Hermes – GOLD3, Gastric Emptying
Sjældnere	Blødningskintigrafi	99m-Tc-Ultra-Tag	Pt.s 99m-Tc-erythrocytter	Hermes – Gold3, DYN/GATED/ACQ/MOVIES, evt. SPECT/CT
	Meckels divertikel skintigrafi	99m-Tc-Pertechnetat		Hermes – Gold3, DYN/GATED/ACQ/MOVIES, evt. SPECT/CT
	Cisternografi	111-In-DTPA		Hermes – GOLD3, Display & Scale Images, SPECT/CT

PET-undersøgelser/behandlinger

Tracer	Undersøgelse	Kommentar /(pt.grupper/indikation)	Software og workflow
18-F-FDG	Onkologi	Gastro (øsofagus, ventrikel, colorektal, anal, galde, lever (FDGal), pancreas) Gyn. (vulva, cervix, endometrie, ovarie,) Hoved/Hals Lunge (inkl. mesotheliom) Lymfom inkl. øvr. hæmatologiske Malignt Melanom Mamma Sarkom Uro. (blære, urothel, nyre) C. penis, C. testes Okkult kræft/ukendt primær tumor	Hermes GoldLx – PET/CT
18-F-FET-PET	Hjernetumor		Hermes GOLDLx...
11-C-Methionin...	Hjernetumor...		
18-F-FDG	Infektion/Inflammation	Giant Cell Arteritis, Infektion/Inflammation, Poly Myalgia Rheumatica, Spondylodiscit, Sarkoidose m.fl.	Hermes GoldLx – PET/CT
18-F-FDG	Hjerne	Demens, Epilepsi	Siemens SyngoVia, MI Neurology
18-F-PE2I	Hjerne	Parkinson	HERMES Hybrid Viewer
15-O-H2O	Hjerte, myocardioperfusion		Hermes GoldLx –
18-F-FDG	Hjerte, viability		Hermes GoldLx –
18-F-Cholin	Parathyreoideaadenom	Hyperparathyroidisme	Hermes GoldLx – PET/CT
68-Ga-DOTATOC...	NET Meningeom	Neuro Endokrine Tumores	Hermes GoldLx – PET/CT ...
177-Lu-DOTA-peptid (TATE/TOC)	PRRT af NET	Neuro Endokrine Tumores	Hermes GoldLx – PET/CT, ROI/VOI
90-Y-DOTATOC	Behandling af meningeomer, PRRT af NET	Neuro Endokrine Tumores	
223-Ra	Behandling af CRPC med knoglemet.	Xofigo	
11-C-PIB PET	Kardiel amyloidose		
18-F-PSMA... C. prostata 18-F-DOPA... Fækromocytom/paragangliom, medullært thyreoideacarcinom 18F-flutemetamol... Alz H ₂ ¹⁵ O + diamox... CBF			Hermes GoldLx...