

Materials List for

High-Resolution Cardiac Positron Emission Tomography/Computed Tomography for Small Animals

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Materials

Name	Company	Catalog Number	Comments
0.9% sterile saline	Fresenius Kabi		0.9% sodium chloride for injection
1025L Physiological Monitoring	Small Animal Instruments		Physiological monitoring system for small animal imaging
5 mL syringes	Artsana		Syringes with needle for injection of PET tracer
Atomlab 500	Else Nuclear		PET Dose calibrator
Atrium software	Inviscan	Version 1.5.5	PET/CT operating software
Butterfly catheters	Delta Med		27.5 G needle
Carimas software	Turku PET Center	Version 2.10	Image analysis software
Fenestra VC	Medilumine		Lipid emulsion iodinated contrast agent for small animals
Heat lamp			Heat lamp with clamp and switch
Insulin syringes	Artsana		Syringes with needle for injection of CT CA
Iomeron 400 mgI/mL	Bracco		Iomeprol, vascular contrast agent
IRIS PET/CT	Inviscan		PET/CT scanner for small animals
Isoflurane	Zoetis		Inhalation anesthetic, 250 mL
OneTouch Glucometer	Johnson&Johnson Medical		Glucose meter kit
Osirix MD software	Pixmeo	Version 11	Image analysis software
Oxygen	Air liquide		Compressed gas
Rectal probe for 1025L	Small Animal Instruments		Rectal probe with cable for SAll 1025L systems
Respiratory sensor for 1025L	Small Animal Instruments		Respiratory pillow with tubings for SAll 1025L systems
TJ-3A syringe pump	Longer		Motorized syringe pump for CT CA injection