Preventive Maintenance Checklist

Customer: Address:	Equipment type and serial no.: AnyScan DUO/TRIO SCP S/N: AS-XXXXXX-SCP	Date: **2026**			
		MM DD	MM DD	MM DD	MM DD

SPECT Image Calibration & Detectors

- Fans check	☒	☒	☒	☒
- Check and readjustment of PMT amplification factors (Fine Tc-99m Autotuning Calibration)	☒	☐	☒	☒
- Isotope peak check and adjustment (Fine Spectrum Calibration) *	☐	☒	☐	☐
- Energy and flood-field uniformity calibration and test	☒	☒	☒	☒
- Linearity and geometrical resolution check/calibration with linearity phantom *	☒	☐	☐	☐
- Linearity and geometrical resolution check with BAR phantom (if available) *	☐	☐	☒	☐
- System resolution check with capillaries (System Spatial Resolution without Scatter Test) *	☐	☐	☒	☐
- System Sensitivity check *	☐	☐	☒	☐
- Detector's crystal check (Detuned Image Test) *	☒	☐	☐	☐
- MPH Geometry Test/Calibration *	☒	☐	☐	☐
- Activity Test/Calibration (if available) *	☐	☐	☒	☐

SPECT Gantry

- Fans check	☒	☐	☒	☒
- Emergency STOP buttons check	☒	☒	☒	☒
- Touchscreen and handcontrol check	☒	☐	☒	☒
- Motions test between hardware limits *	☒	☐	☒	☐
- Detector configuration check in 75°-90°-102°-120°-180° (whichever available)	☒	☐	☒	☐
- Extended detector configurations check (Flex option only)	☒	☐	☒	☐
- Mechanical noises check	☒	☐	☒	☐
- Check the ribbed belts of the drives (tightness, running) *	☒	☐	☐	☐
- Detector radius drives lubrication	☒	☒	☒	☒
- Detector radius drives wear check and motor current test *	☒	☐	☐	☐
- Collimator locks check and lubrication (if needed) *	☒	☐	☐	☐
- Collimator contacts check and cleaning	☒	☐	☒	☐
- Body Contours test, contacts check and cleaning	☒	☒	☒	☒
- Collision protection check and functionality test	☒	☒	☒	☒
- Collimator exchange test	☒	☐	☒	☐
- Collimator carts, wheels and brakes check *	☒	☐	☐	☐
- Center of Rotation offset check and calibration (if needed)	☒	☐	☒	☐
- Whole body resolution test with capillaries (WB System Spatial Res. without Scatter Test) *	☐	☐	☒	☐

Imaging table

- Emergency STOP buttons check	☒	☒	☒	☒
- Pallet condition check	☒	☐	☐	☐
- Vertical motions and limits check *	☒	☐	☐	☐
- Pallet motions and limits check *	☒	☐	☐	☐
- Rollers and rails check and lubrication *	☒	☐	☐	☐
- Ribbed belts check*	☒	☐	☐	☐
- Wheels and lock check *	☒	☐	☐	☐
- ECG check (optional)	☒	☐	☒	☐

Control unit and control computers

- Emergency STOP buttons check	☒	☒	☒	☒
- Intercom and GO button check	☒	☐	☒	☐
- Acquisition computer cleaning *	☒	☐	☐	☐
- Acquisition computer fans check	☒	☐	☒	☐
- Acquisition computer disks maintenance	☐	☒	☐	☒
- DVD drive check (if applicable)	☒	☐	☐	☐
- Network performance check *	☐	☒	☐	☐
- Processing workstation(s) fans check and cleaning *	☐	☐	☒	☐
- Processing workstation(s) disks maintenance *	☐	☐	☒	☐

* yearly maintenance item

Mediso
Preventive Maintenance Checklist

CT unit

- Fans check, cleaning filters	☒	☒	☒	☒
- PDU fans check	☒	☒	☒	☒
- Door switches check	☒	☒	☒	☒
- Radiation warning lamps check	☒	☒	☒	☒
- Laser check	☒	☐	☒	☐
- Mechanical noises check	☒	☐	☒	☐
- Slip ring, contact brushes and tick fence cleaning *	☒	☐	☐	☐
- Detector air filter cleaning (V16 detector only) *	☒	☐	☐	☐
- HV cable connectors cleaning and re-lubrication *	☒	☐	☐	☐
- X-Ray plexi strip cleaning (as needed)	☒	☐	☐	☐
- Air calibration	☒	☒	☒	☒
- Daily CT QC (uniformity and resolution check)	☒	☒	☒	☒
- Vibration check (at 60RPM) and balancing (0°, 90°, 180°, 270°) *	☒	☐	☐	☐
- Modality registration test (and calibration if necessary)	☒	☐	☒	☐
- Registration of usage statistics (HVC, GMC, HE)	☒	☒	☒	☒

PET unit

- Fans check	☒	☒	☒	☒
- Gain calibration	☒	☐	☒	☐
- Modality registration test (and calibration if necessary)	☒	☐	☒	☐
- Timeshift calibration and test	☒	☐	☒	☐
- Normalization	☒	☐	☒	☐
- Activity calibration and test	☒	☐	☒	☐
- Daily PET QC	☒	☒	☒	☒
- NEMA IQ phantom test	☒	☐	☒	☐

* yearly maintenance item

Notes

PM #1

GMC counter:	DR1 wear (<0,8 mm):	DR1 current (↓<8 A): (↑<12 A):
HVC counter:	DR2 wear: (<0,8 mm):	DR2 current (↓<8 A): (↑<12 A):
HE counter*:	DR3 wear: (<0,8 mm):	DR3 current (↓<8 A): (↑<12 A):
Service Form ID:	**Date:**	**Service Engineer:**

PM #2

GMC counter:	DR1 wear (<0,8 mm):	DR1 current (↓<8 A): (↑<12 A):
HVC counter:	DR2 wear: (<0,8 mm):	DR2 current (↓<8 A): (↑<12 A):
HE counter*:	DR3 wear: (<0,8 mm):	DR3 current (↓<8 A): (↑<12 A):
Service Form ID:	**Date:**	**Service Engineer:**

PM #3

GMC counter:	DR1 wear (<0,8 mm):	DR1 current (↓<8 A): (↑<12 A):
HVC counter:	DR2 wear: (<0,8 mm):	DR2 current (↓<8 A): (↑<12 A):
HE counter*:	DR3 wear: (<0,8 mm):	DR3 current (↓<8 A): (↑<12 A):
Service Form ID:	**Date:**	**Service Engineer:**

PM #4

GMC counter:	DR1 wear (<0,8 mm):	DR1 current (↓<8 A): (↑<12 A):
HVC counter:	DR2 wear: (<0,8 mm):	DR2 current (↓<8 A): (↑<12 A):
HE counter*:	DR3 wear: (<0,8 mm):	DR3 current (↓<8 A): (↑<12 A):
Service Form ID:	**Date:**	**Service Engineer:**