

## Full Year Schedule

(Reference 21CFR 1020.30 (h)(1)(ii))

### Overview

This is the Planned Maintenance (PM) Schedule for the [Revolution CT Family](#).

#### NOTE

This PM schedule applies to all the systems in warranty and out of warranty.

- [Table 1](#)
- [Table 2](#)

#### IMPORTANT

For sites with Edison Health Link (EHL) or NanoCloud AWS Server, refer to the following documents for PM schedules:

- **Edison Health Link (EHL) Server:** Refer to *DOC2300778* in SIMS Content Viewer.
- **NanoCloud AWS Server:** Refer to the *AWS Server 3.2 Advanced Service Manual 5771771-8EN procedures* in SIMS Content Viewer.

For sites with Auto patient positioning depth camera, refer to the *Auto Patient Positioning Depth Camera Installation Manual 5882508-1EN* for PM schedule.

See **Calibration** section. Order P/N 5809258 - Calibration Jig

### PM schedules

#### Table 1. Revolution CT Family of Systems PM schedule

| Task                                                             | Frequency (per year) | Personnel | Schedule A | Schedule B | Schedule C | Schedule D |
|------------------------------------------------------------------|----------------------|-----------|------------|------------|------------|------------|
| PM Preliminary (PM schedule/tasks, Error Logs, Gantry Rotations) | 4                    | 1         | x          | x          | x          | x          |
| Inspect Room Conditions                                          | 4                    | 1         | x          | x          | x          | x          |
| Gantry General Inspection                                        | 4                    | 1         | x          | x          | x          | x          |
| Remote Camera Inspection (if installed)                          | 4                    | 1         | x          | x          | x          | x          |
| Alignment Light Inspection                                       | 1                    | 1         | x          |            |            |            |
| Gantry Fans and Blowers Inspection                               | 4                    | 1         | x          | x          | x          | x          |
| Service Crane Inspection                                         | 1                    | 1         | x          |            |            |            |
| Antivirus Update                                                 | 4                    | 1         | x          | x          | x          | x          |
| Scanner Desktop PM                                               | 2                    | 1         | x          |            | x          |            |
| System Cabinet PM                                                | 4                    | 1         | x          | x          | x          | x          |
| UPS Battery Check (if installed)                                 | 4                    | 1         | x          | x          | x          | x          |
| Covers Cleaning and Inspection                                   | 1                    | 1         |            |            | x          |            |
| Gantry Filters Cleaning and Replacement                          | 4                    | 1         | x          | x          | x          | x          |
| GCB and Inverter Fan Filter Cleaning                             | 4                    | 1         | x          | x          | x          | x          |
| Axial Drive Filter Cleaning, if installed                        | 1                    | 1         |            |            | x          |            |

|                                                           |   |   |   |   |   |   |
|-----------------------------------------------------------|---|---|---|---|---|---|
| required                                                  |   |   |   |   |   |   |
| Grease Gantry Bearing                                     | 1 | 1 |   |   |   | x |
| Gantry Assembly Bolts Inspection                          | 1 | 1 |   |   |   | x |
| Slipring Ground Brush Inspection                          | 1 | 1 |   |   |   | x |
| Boom-in-a-Room Bolted Joint Inspection (Installed Option) | 1 | 1 |   |   |   | x |
| Tube Heat Exchanger Filter Cleaning                       | 1 | 1 |   |   | x |   |
| DTS PM                                                    | 2 | 1 | x |   | x |   |
| Detector PM                                               | 2 | 1 | x |   | x |   |
| RAP Fan Cleaning                                          | 2 | 1 | x |   | x |   |
| Power Distribution Unit (PDU) Checks                      | 1 | 1 | x |   |   |   |
| Table Cover Damage Inspection and Operational Checks      | 4 | 1 | x | x | x | x |
| Table PM                                                  | 1 | 2 |   | x |   |   |
| kV, mA and Scan Time Verification                         | 1 | 1 |   |   |   | x |
| Focal Spot Validation                                     | 1 | 1 |   |   |   | x |
| Filament Calibration, if required                         | 1 | 1 |   |   |   | x |
| Transfer Function Calibration, if required                | 1 | 1 |   |   |   | x |
| Image Quality Test                                        | 1 | 1 |   |   |   | x |
| Health and Human Services (HHS) Scans                     | 1 | 1 |   |   |   | x |
| Detailed Calibrations, if required                        | 1 | 1 |   |   |   | x |
| FastCal                                                   | 4 | 1 | x | x | x | x |
| System Scanning Test                                      | 4 | 1 | x | x | x | x |
| Gantry Cover Switch Inspection                            | 4 | 1 | x | x | x | x |
| Complete PM Form                                          | 4 | 1 | x | x | x | x |

✓ **Table 2. Revolution Apex CT Family of Systems PM Schedule**

| Task                                                             | Frequency (per year) | Personnel | Schedule A | Schedule B | Schedule C | Schedule D |
|------------------------------------------------------------------|----------------------|-----------|------------|------------|------------|------------|
| PM Preliminary (PM schedule/tasks, Error Logs, Gantry Rotations) | 4                    | 1         | x          | x          | x          | x          |
| Inspect Room Conditions                                          | 4                    | 1         | x          | x          | x          | x          |
| Gantry General Inspection                                        | 4                    | 1         | x          | x          | x          | x          |
| Remote Camera Inspection (if installed)                          | 4                    | 1         | x          | x          | x          | x          |
| Depth Camera Inspection (if installed)                           | 1                    | 1         | x          |            |            |            |

| Super Camera Inspection (if installed)                    | 1 | 1 | x |   |   |   |
|-----------------------------------------------------------|---|---|---|---|---|---|
| Alignment Light Inspection                                | 1 | 1 | x |   |   |   |
| Gantry Fans and Blowers Inspection                        | 4 | 1 | x | x | x | x |
| Service Crane Inspection                                  | 1 | 1 | x |   |   |   |
| Antivirus Update                                          | 4 | 1 | x | x | x | x |
| Scanner Desktop PM                                        | 2 | 1 | x |   | x |   |
| System Cabinet PM                                         | 4 | 1 | x | x | x | x |
| UPS Battery Check (if installed)                          | 4 | 1 | x | x | x | x |
| Covers Cleaning and Inspection                            | 1 | 1 |   |   | x |   |
| Gantry Filters Cleaning and Replacement                   | 4 | 1 | x | x | x | x |
| GCB and Inverter Fan Filter Cleaning                      | 4 | 1 | x | x | x | x |
| Axial Drive Filter Cleaning, if required                  | 1 | 1 |   |   | x |   |
| Grease Gantry Bearing                                     | 1 | 1 |   |   |   | x |
| Gantry Assembly Bolts Inspection                          | 1 | 1 |   |   |   | x |
| Slipring Ground Brush Inspection                          | 1 | 1 |   |   |   | x |
| Boom-in-a-Room Bolted Joint Inspection (Installed Option) | 1 | 1 |   |   |   | x |
| Tube Heat Exchanger Filter Cleaning                       | 1 | 1 |   |   | x |   |
| DTS PM                                                    | 2 | 1 | x |   | x |   |
| Detector PM                                               | 2 | 1 | x |   | x |   |
| RAP Fan Cleaning                                          | 2 | 1 | x |   | x |   |
| Power Distribution Unit (PDU) Checks                      | 1 | 1 | x |   |   |   |
| Table Cover Damage Inspection and Operational Checks      | 4 | 1 | x | x | x | x |
| Table PM                                                  | 1 | 2 |   | x |   |   |
| kV, mA and Scan Time Verification                         | 1 | 1 |   |   |   | x |
| Focal Spot Validation                                     | 1 | 1 |   |   |   | x |
| Emitter Calibration, if required                          | 1 | 1 |   |   |   | x |
| Focal Spot Calibration, if required                       | 1 | 1 |   |   |   | x |
| Image Quality Test                                        | 1 | 1 |   |   |   | x |
| Health and Human Services (HHS) Scans                     | 1 | 1 |   |   |   | x |
| Detailed Calibrations, if                                 |   |   |   |   |   |   |

|                                |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|
| required                       | 1 | 1 |   |   |   | x |
| FastCal                        | 4 | 1 | x | x | x | x |
| System Scanning Test           | 4 | 1 | x | x | x | x |
| Gantry Cover Switch Inspection | 4 | 1 | x | x | x | x |
| Complete PM Form               | 4 | 1 | x | x | x | x |

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