zephyr® by pulmonx

# LungTraX™ Platform

## StratX® Report – Key Scan Parameters

### CT-Scan set-up

1. Ensure to take the scan in **supine position and as inspiratory** (total lung capacity) chest CT scan. **Do not use contrast medium.**
2. The **complete lungs** must be present on the CT scan. If parts of the lung are missing, the output parameters will be compromised.
3. Ensure the CT scan is of good quality (e. g. **no movement or breathing artifacts**, no artifacts due to metal / implants, no high noise levels due to dose level etc.).

### CT-Scan Reconstruction

1. The CT scans must not have **a slice thickness greater than 1.5 mm** (smaller slice thickness improves fissure analysis results).
2. The input image may **not be reconstructed with a slice spacing larger than the slice thickness** and needs to be consistent throughout the scan.
3. **Axial series** with ≥ **150 slices** is required.
4. **Do not adjust image orientation** (only full values can be analyzed: [1.0, 0.0, 0.0, 0.0, 1.0, 0.0] or [-1.0, 0.0, 0.0,0.0, 1.0, 0.0] or [1.0, 0.0, 0.0, 0.0, -1.0, 0.0] or [-1.0, 0.0, 0.0, 0.0, -1.0, 0.0]).
5. **Do not use AI** enhanced CT scans.

# StratX® Report – Key Upload Parameters

1. Ensure all **files are in standard .DICOM** format.
2. Upload **axial scan series** only to reduce upload time and amount of data transferred (reduce data corruption during upload).
3. Currently, only scans with **max 442 368 000 Voxels** can be analyzed. Use 512 x 512 resolution for reconstruction or a max. of 421 slices for 1024 x 1024 resolution.
4. **JAVA environment** or **Google Chrome** are required for upload and analysis with LungTraX Platform.

**The StratX Report will normally be available within 3 working days, for StratX Post-Treatment Report allow for 10 working days.**



**LungTraX Platform Website**

**https://pulmonxstratx.com/login**



**LungTraX Support**

**stratxemeasupport@pulmonx.com**

(please provide email address of the LungTraX Account, + Scan ID or Patient ID for problems with a certain scan, + short description of the problem)

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