

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)