

NAME: **Lilly Doe**  
PATIENT ID: **11269**

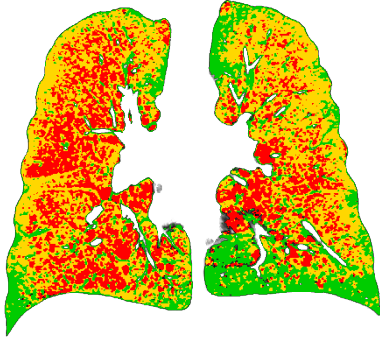
SEX: **Female**  
AGE: **60**

STUDY DATE: **July 15, 2008**  
REPORT DATE: **September 12, 2016**

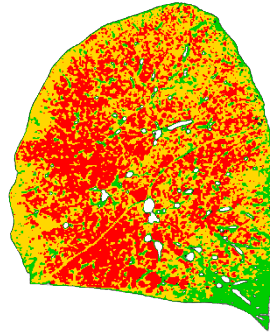
MANUFACTURER: **SIEMENS**  
KERNEL: **B45f**

MODEL: **Definition**  
SLICE THICKNESS: **0.75**

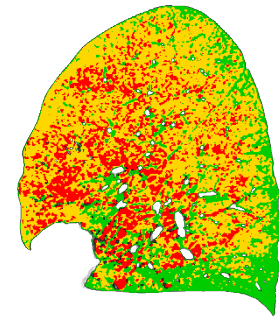
STATION NAME: **Unknown**  
TUBE CURRENT AVG ( $\frac{\text{max}}{\text{min}}$ ), KVP: **440 ( $\frac{440}{440}$ ) mA, 120 kV**



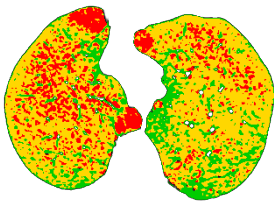
CORONAL SLICE



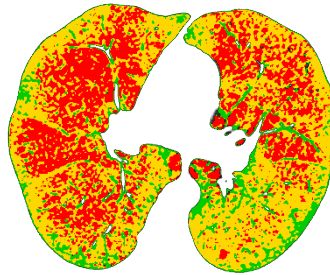
SAGITTAL SLICE - RIGHT MIDLINE



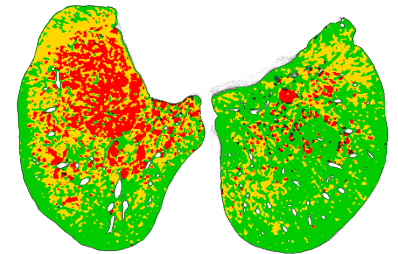
SAGITTAL SLICE - LEFT MIDLINE



AXIAL SLICE - UPPER THIRD

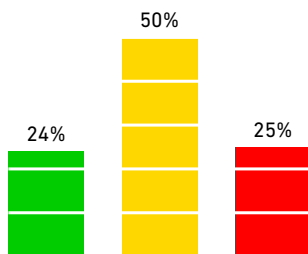


AXIAL SLICE - MIDDLE THIRD



AXIAL SLICE - LOWER THIRD

## SUMMARY



- **NORMAL**  
Voxels ABOVE -950 HU on inspiration  
Voxels ABOVE -856 HU on expiration
- **FUNCTIONAL LOW DENSITY AREA**  
Voxels ABOVE -950 HU on inspiration  
Voxels BELOW -856 HU on expiration
- **PERSISTENT LOW DENSITY AREA**  
Voxels BELOW -950 HU on inspiration  
Voxels BELOW -856 HU on expiration

%	TOTAL LUNG	LEFT LUNG				RIGHT LUNG			
		Total	Upper	Middle	Lower	Total	Upper	Middle	Lower
Normal	24 ± 1*	27 ± 1	23 ± 1	16 ± 1	48 ± 2	21 ± 1	15 ± 2	12 ± 1	34 ± 2
Functional	50 ± 1	51 ± 1	61 ± 2	56 ± 1	37 ± 2	49 ± 1	57 ± 2	51 ± 1	41 ± 2
Persistent	25 ± 1	20 ± 1	15 ± 1	27 ± 1	14 ± 1	30 ± 1	27 ± 1	36 ± 1	24 ± 1

Data was run with FILTERING ON

Vol (L)	TOTAL LUNG	LEFT LUNG	RIGHT LUNG
Inspiration	9.4	4.5	4.9
Expiration	7.2	3.5	3.8

\*THE RANGES PROVIDED WITH THE LDA RESULTS ARE AN INDICATION OF THE ACCURACY OF REGISTRATION (SEE USER MANUAL FOR MORE INFORMATION). THIS DOES NOT ACCOUNT FOR ADDITIONAL SOURCES OF VARIATION SUCH AS SLICE THICKNESS, IMAGE NOISE, SCANNER CALIBRATION OR RESPIRATORY PHASE.

VALUES ON FUNCTIONAL ASSESSMENT REPORT ARE CALCULATED BASED ON THE EXPIRATORY IMAGE. VALUES MAY DIFFER FROM INSPIRATION ASSESSMENT REPORT AS THE PERSISTENT LOW DENSITY AREA REPRESENTS VOXELS WHICH ARE LOW ON BOTH INSPIRATION AND EXPIRATION AND THE PERCENTAGES ARE CALCULATED BASED ON THE EXPIRATORY IMAGES.

