

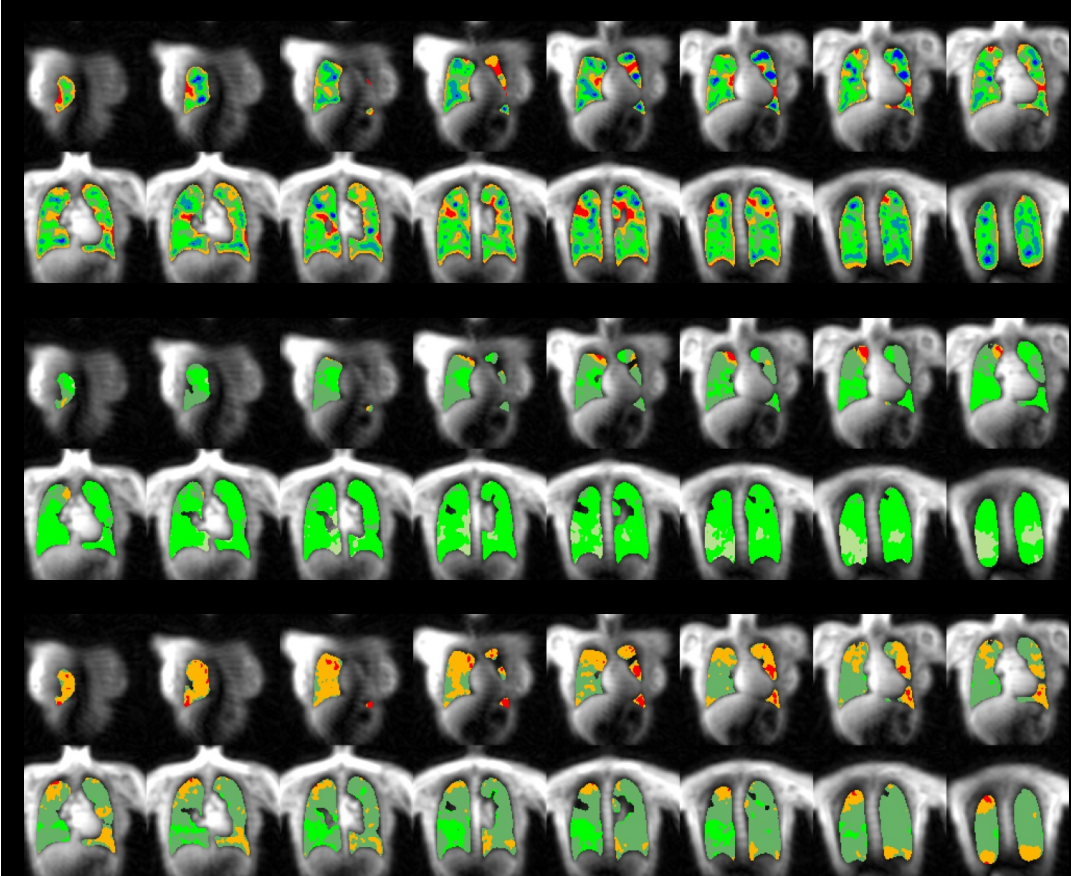
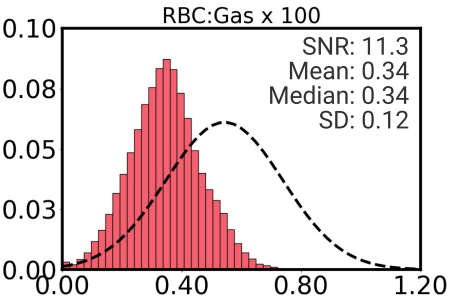
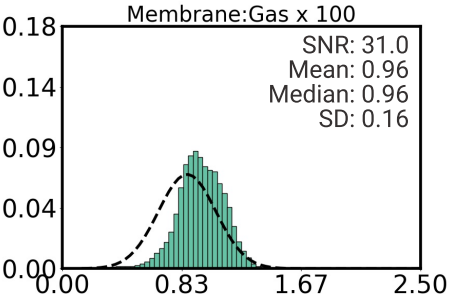
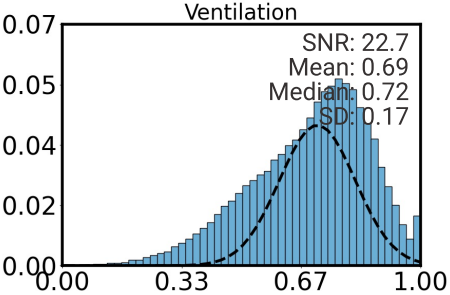
Gas Exchange Summary of Subject: XeClinical3

| Parameters | |
|--------------------------------------|-----------------|
| Scan Date | 2024-03-11 |
| Processing Date | 2024-03-12 |
| Software Version | syngo MR XA31 |
| Pipeline Version | 4 |
| Magnetic Field Strength | 2.89 T |
| Dixon Type | normal |
| Field of View (cm) | 40.0x40.0x40.0 |
| Sample time | 10.0 us |
| RF Excitation | 218 ppm |
| Repetition Time (TR) Dissolved | 15.0 ms |
| TE90 | 480.0 us |
| Dissolved Flip Angle | 20.0 degree |
| Gas Flip Angle | 0.5 degree |
| Views and Base Resolution (Vent) | (2030, 64) |
| Resampled Resolution (Volume) | (128, 128, 128) |
| Skipped Dissolved FIDs | 60 |
| Remove noisy projections | True |
| Removed Spike Noise FIDs (Gas) | 24 |
| Removed Spike Noise FIDs (Dissolved) | 11 |

| Parameters | |
|-------------------------------|----------------------|
| Bandwidth | 781.25 Hz/pixel |
| Kernel Sharpness | 0.32 |
| Gradient Delay Applied | x: -5, y: -5, z:-5 |
| Flip correction | 39.19 |
| T2* correction membrane | 1.46 |
| T2* correction RBC | 1.51 |
| Hb Correction Type | none |
| RBC Hb Correction Factor | 1.0 |
| Membrane Hb Correction Factor | 1.0 |
| Reference Data | reference_218_ppm_01 |
| Git branch | main |

Summary of XeClinical3

scan: 2024-03-11; processed: 2024-03-12

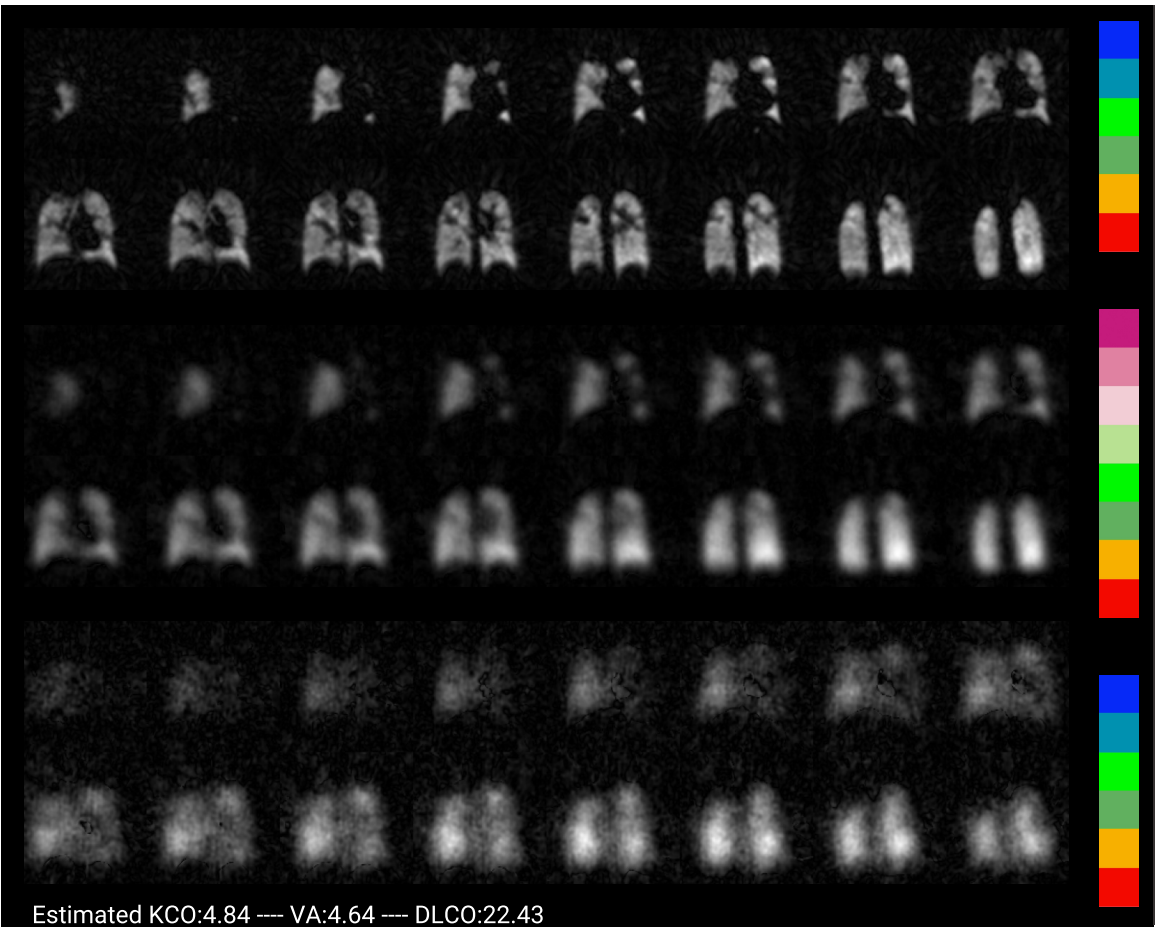
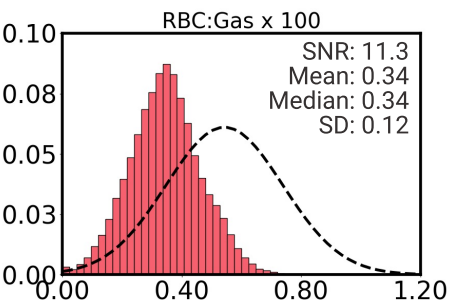
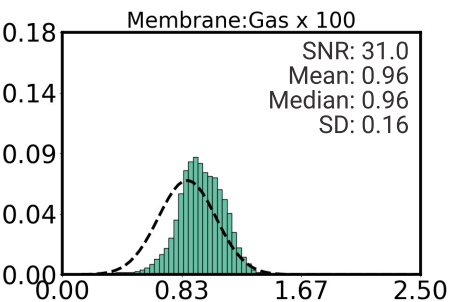
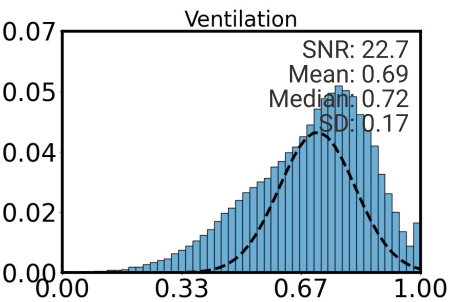


Estimated KCO:4.84 --- VA:4.64 --- DLCO:22.43

| Subject | XeClinical3 | Ref |
|-----------|-------------|-----------|
| RBC:M | 0.34 | 0.59±0.12 |
| Inflation | 3.38L | 3.4±0.33 |
| Defect | 4% | 5±3% |
| Low | 19% | 16±8% |
| High | 15% | 15±5% |
| Defect | 0% | 1±<1% |
| Low | 1% | 8±2% |
| High | 0% | 1±1% |
| Defect | 2% | 4±2% |
| Low | 24% | 14±6% |
| High | 0% | 15±10% |

Summary of XeClinical3

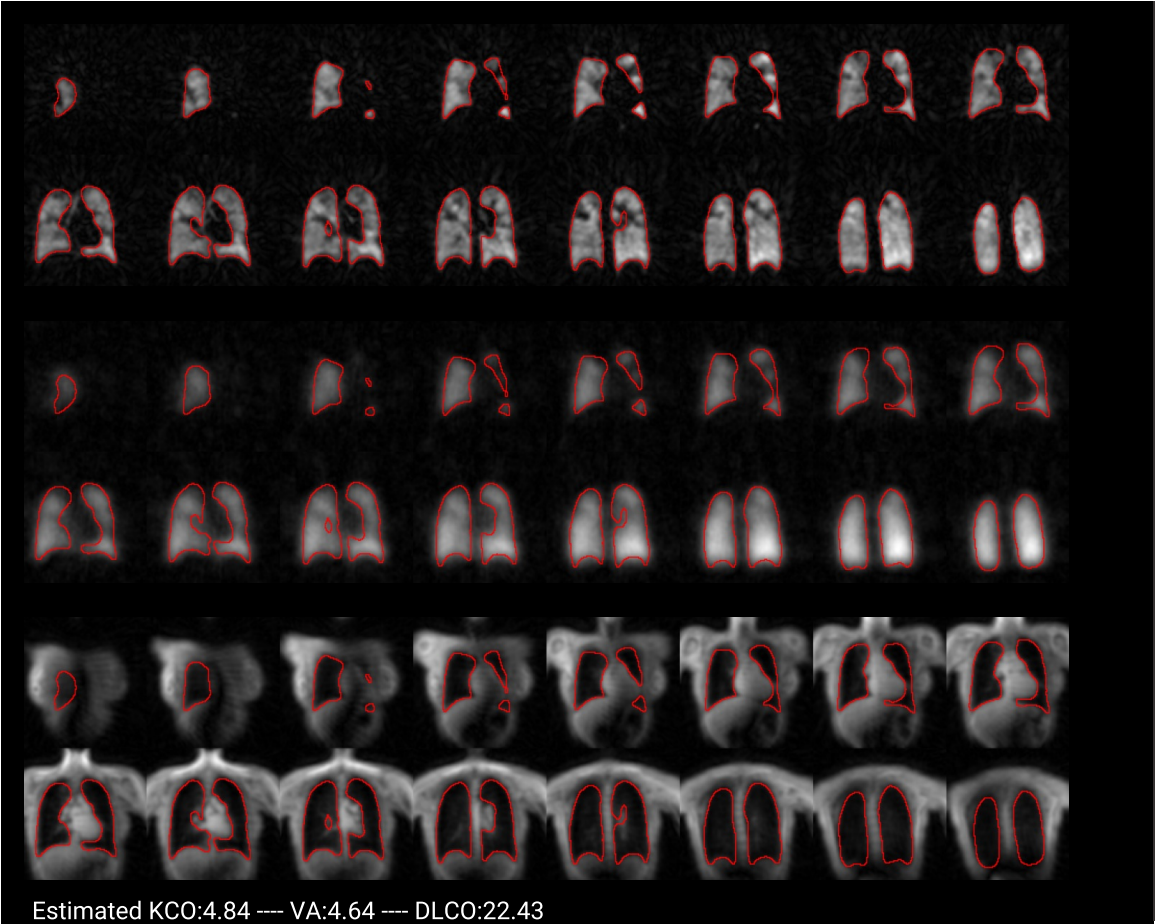
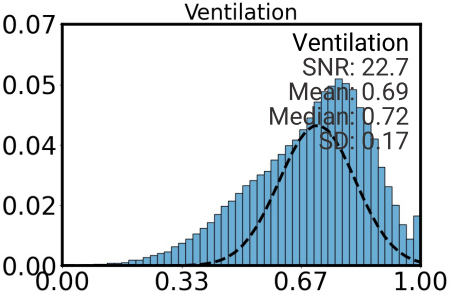
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