DATA SHEET

Centralized DLCO services
Advanced assessment of lung gas transfer

Going beyond standard spirometry for greater insights into lung function

Diffusing capacity of the lungs for carbon monoxide (DLCO) is a pulmonary function test that measures the ability of the lungs to transfer gas from ambient air to red blood cells. DLCO measurement is a valuable test for assessing clinical endpoints in asthma, COPD idiopathic pulmonary fibrosis and cystic fibrosis studies. It is also used in clinical research for inhaled drugs targeting non-respiratory indications that might have an impact on diffusing capacity. Repeated DLCO measurements aid in determining disease progression and therapeutic efficacy that would not be obtainable by standard spirometry or imaging.

Independent studies have shown that when different devices and processes are used by respiratory therapists with varying levels of proficiency, DLCO measurements of the same patients can vary by as much as 50% in different labs, compromising both patient safety and study outcomes.

Centralized DLCO solutions for clinical trials

We offer centralized DLCO services through integration of the ndd® EasyOne Pro device into the Clario EXPERT® platform. Our extensive training programs drive optimal DLCO and spirometry measurements, while ensuring data integrity and plausibility. Clario’s experience in data collection provides better data quality, reduced site burden, improved study oversight and shortened timelines. Our cloud-enabled services deliver near real-time evaluation, notifications, expert overread, data reconciliation and reporting.

Without centralization, expect up to 50% DLCO data variability across sites.
Advanced DLCO collection and analysis for your clinical trial.
For more information, go to clario.com or email info@clario.com

Clario generates the richest clinical evidence. Fusing our deep scientific expertise and global scale into the broadest endpoint technology platform, we empower our partners to transform lives.