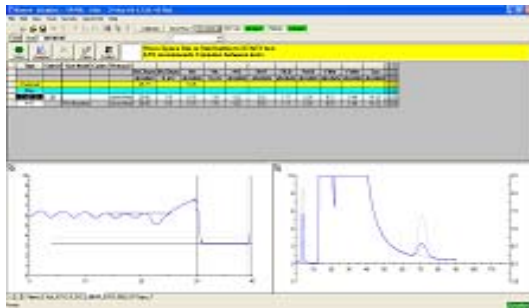
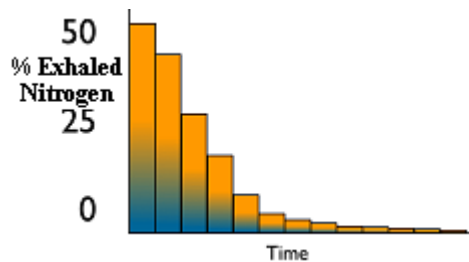


## ***New* products and services from Vitalograph**

For respiratory clinical trials and where you need to monitor respiratory side effects from new drugs administered via the inhalation route, we now provide the assessment of complete **lung volume** (FRC, TLC, RV) using multi-breath nitrogen washout, and **diffusing capacity** (DL<sub>CO</sub>) using single breath take up of carbon monoxide. As with our centralized spirometry system, so are these new tests centralized with expert QA Review and operator certification. The latter is particularly important if tests are to be conducted by other than a pulmonary function clinic.



**DLco**



**Lung Volumes**

Both test types comply with the latest ATS/ERS guidelines:

<http://www.thoracic.org/sections/publications/statements/index.html>

The nitrogen washout technique is preferred to helium dilution as system leaks, which would otherwise give erroneous results, can be readily detected.

Lung volumes are important in assessing COPD and associated lung hyper-inflation, in which case **Body Plethysmography** is preferred and also available from Vitalograph. Or spirometry alone can be used to estimate Inspiratory Capacity as a surrogate measurement.

Diffusing Capacity is important when assessing new inhaled drugs in other therapeutic areas such as diabetes.

And the project management, data management, reporting, and QA review are all performed to the same high standards that you have come to expect from Vitalograph.

**Why do you consider our *people* our most important asset?**

***Professional*** we run your projects to the highest standards  
***Enthusiastic*** we love our work!  
***On-time*** we won't let you down  
***Polite*** they say: "a very nice company to work with"  
***listening*** if it's doable, we'll do it  
***experienced*** respiratory has been our niche since 1963



### International Conferences where we are Exhibiting later this year

SMI (Asthma & COPD)	London, UK	April 26-27
ACRP	Phoenix, USA	April 29 – May 2
ATS	San Diego, USA	May 20-23
DIA	Philadelphia, USA	June 17-21
COPD5	Birmingham, UK	June 28-30
ERS	Munich, Germany	September 2-6

### Contacts

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