

Niche News

August 2017

August 2017

In This Issue

Introducing the new EasyOne Air Spirometer
LiteAire Spacer - Get Better Pricing with Bulk Buy
FeNO "Value Proposition" White Paper
EasyOne Pro DLCO - Long Term Stability Publication
NIOX VERO FeNO Validation Study
Important EasyOne Connect - EOPC Software Update
Important EasyOne Pro DLCO / MBNW Software Update
iCO Personal Smokerlyzer Lung Clearance Index with COPD and FEV1 Reduction
Follow us on Twitter

Sign Up

SIGN-UP!

Quick Links

Follow us on Twitter (@NicheMedical)
Get the latest EasyOne Connect / EasyOne Pro Software

Greetings!



Welcome to Niche Medical's Customer Newsletter.

This newsletter is designed to inform our customers of the latest information on our products and services.

We highly value your input and feedback and encourage you to send all feedback and comments to Craig Abud by simply replying to this email.

If for any reason you do not wish to receive this newsletter in the future, simply click on the Safe Unsubscribe button at the bottom of this newsletter.

Please feel free to pass this newsletter onto those who may find it valuable. There is a forward email icon located at the bottom of this newsletter.

Introducing the new EasyOne Air Spirometer



Most people are surprised when we tell them that we launched the EasyOne Spirometer in Australia way back in February 2002.

I am pleased to announce its successor the EasyOne Air Spirometer which we officially launched at the recent TSANZSRS Conference in Canberra.

The EasyOne Air has all the portable advantages of the original EasyOne Spirometer but features a touch screen for easy data entry and allows you to quickly assess test quality with full colour real time curves and data exchange via Bluetooth to the PC.

The EasyOne Air utilises the proven ultrasound technology - nnd TrueFlow.

No Calibration, No warm-up, No moving parts.

For a demonstration of the EasyOne Air Spirometer simply reply to this email or telephone our office on 1300 136 855.

[Read more here.....](#)

LiteAire Spacer - Get Better Pricing with Bulk Buy



The LiteAire Spacer is now available to purchase in bulk for our customers who are looking for additional savings.

LiteAire's unique dual-valved MDI holding chamber design delivers pop-up convenience and effective drug output.

In most clinical settings, the LiteAire Disposable Spacer can reduce costs by replacing existing rigid plastic spacers with a cardboard alternative.

This unique design allows the LiteAire to be reused by a patients over multiple doses and meets and often exceeds the performance of plastic spacers.

For further information please telephone us on 1300 136 855 or simply reply to this email.

FeNO "Value Proposition" White Paper



Summary of Evidence Supporting the Clinical and Economic Value of Monitoring Exhaled Nitric Oxide in the Management of Asthma.

The evidence to support monitoring FeNO in asthma management is considerable. Ever since 2000, FeNO has been included in the majority of clinical trials evaluating potential new anti-inflammatory asthma drugs.

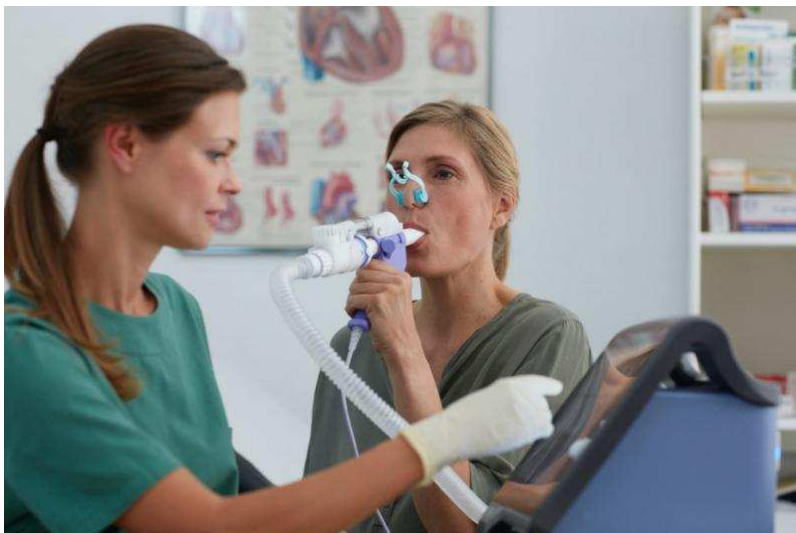
Furthermore, a recent literature search of the National Library of Medicine's PubMed for asthma clinical studies involving FeNO, (using nitric oxide and asthma as search terms) produced over 3,000 articles.

However, to categorise the majority of literature that supports the clinical and economic value in the management of asthma, we believe the following 5 reasons for monitoring FeNO have the greatest strength of evidence:

1. FeNO aids in the Diagnosis of Asthma and identifies Patients with Th2 Airway Inflammation.
2. FeNO helps to determine Steroid Responsiveness and Optimise the Dose of Inhaled Corticosteroids.
3. FeNO uncovers Non-Adherence to Inhaled Corticosteroids.
4. FeNO reduces the Likelihood of Exacerbations in Patients at Risk for Future Events.
5. FeNO helps to identify Asthmatics who are possible candidates for treatment with a Biologic.

[Download the FeNO White Paper here.....](#)

EasyOne Pro DLCO - Long Term Stability Publication



Long-Term Stability of a Portable Carbon Monoxide Single-Breath Diffusing Capacity Instrument.

Measurements of DLCO with the EasyOne Pro were stable over the 3 year period without any need for manual recalibration of the instrument.

The biological control was as good as the DLCO simulator to evaluate this kind of device in a long-term laboratory quality control program.

[Download the EasyOne Pro Stability study here.....](#)

NIOX VERO FeNO Validation Study



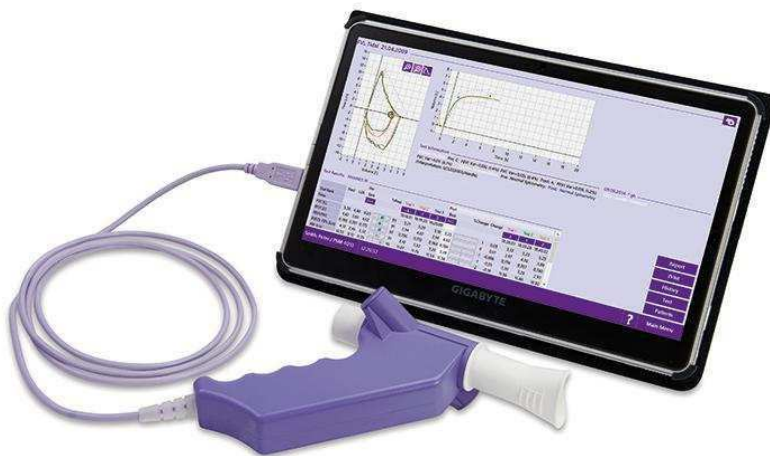
Validation of a New Portable Exhaled Nitric Oxide Analyzer, NIOX VERO: Randomized Studies in Asthma.

The portable instrument NIOX VERO is clinically equivalent to the NIOX MINO when used in an asthma population.

The NIOX VERO analyzer gives reproducible, consistent measurements that are well within the technical specifications of the device, showing no observable pattern of a training effect or operator-order effect on FeNO results.

Download the NIOX VERO validation study here.....

Important EasyOne Connect - EOPC Software Update



Get the latest EasyOne Connect software at the link below.

The EasyOne Connect software is used for the Easy on-PC, EasyOne Air and can also be used to archive data from the EasyOne worldspirometer into a patient-centred database.

The software is updated twice per annum and you can download the latest software free of charge from the ndd Medical Technologies website at <http://nnd.ch/index/downloads-software>

The major changes in the new EasyOne Connect / Easy on-PC software are as follows:

Improved reporting capabilities:

- Comments can be added much faster.
- Define standard text blocks and quickly add them to the report when needed.

- **Z-score and improved reporting functionality:** Z-scores are now available on the display and on the report.
- It is now possible to show only acceptable trials on the report.
- The highlighting colour used to show abnormal results can now be defined in the configuration (e.g. black, red, etc.).
- Trial time can now be shown on the report.
- Improved data handling: It is now possible to directly export and import individual patients with all tests.

Connectivity performance improvements:

- Increased the speed of an EasyWare database import.
- EasyOne Air Firmware can now easily be updated via EasyOne Connect.

These software downloads are executable files so if you work in a Hospital or a Government agency please make sure you have an IT person present to download and install the software as these type of files require administrator permission.

For assistance please telephone our office on 1300 136 855.

Get the latest EasyOne Connect software here.....

Important EasyOne Pro DLCO / MBNW Software Update



Get the latest EasyOne Pro software at the link below.

The EasyOne Pro software is used in the EasyOne Pro DLCO system and the EasyOne Pro LAB which features the Multi-Breath Nitrogen Washout.

The software is updated twice per annum and you can download the latest software free of charge from the ndd Medical Technologies website at <http://nnd.ch/index/downloads-software>

The major changes in the new EasyOne Pro software for Spirometry, Provocation, DLCO and MBNW tests are as follows:

Improved Reporting Capabilities:

- Comments can be added much faster.
- Define standard text blocks and quickly add them to the report when needed.
- Show Z-score and % predicted at the same time on custom reports for Spirometry, DLCO and MBNW tests.
- The highlighting colour used to show abnormal results can now be defined in the configuration (e.g. black, red, etc.).

User interface improvements for Multi-Breath Nitrogen Washout:

- The MBNW test incentive can now be switched between a larger (Adult) target inspiratory volume and a smaller (Paediatric) target inspiratory volume.
- Two lines are added on the screen that indicate 4 and 6% CO₂, for better visibility of a physiological range.
- The last breath used for the calculation of Lung Clearance Index is now indicated on the display.
- When zooming into the displayed curve, the visible breaths are indicated in the breath chart.
- Better review capability by automatic scaling of the volume axis.
- Better detection of patient hyperventilation by adding the ability to show the CO₂ concentration of each breath.
- Improved standardisation by taking the N₂ start concentration from the expiratory breath instead of the inspiratory breath.

These software downloads are executable files so if you work in a Hospital or a Government agency please make sure you have an IT person present to download and install the software as these type of files require administrator permission.

For assistance please telephone our office on 1300 136 855.

Get the latest EasyOne Pro software here.....

iCO Personal Smokerlyzer



The Smokerlyzer range of Carbon Monoxide Monitors includes the Micro+, piCO and piCO Baby and more recently the iCO which is the world's first Smokerlyzer Breath CO monitor for your Smartphone.

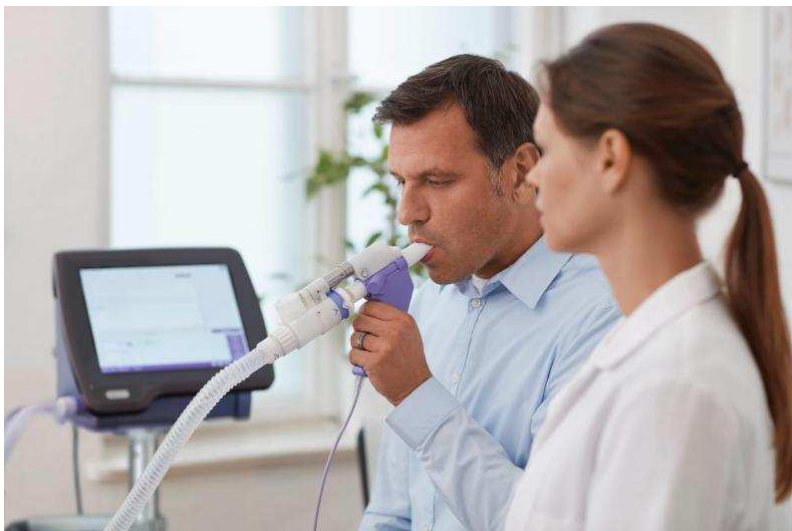
The iCO is ideal for Personal Use, Health Professionals and Pharmaceutical Companies.

Features and Benefits:

- A portable CO monitor that can fit in your pocket.
- Connects to an App on your phone or tablet.
- Send your results to your doctor, smoking cessation advisor, family member or friend.
- One person use, private, tailored, individual experience.
- Monitors your progress, encouraging you to quit smoking.

[Download the Smokerlyzer CO Interpretation Poster here.....](#)

Lung Clearance Index with COPD and FEV1 Reduction



Currently LCI (Lung Clearance Index) is most commonly used in Cystic Fibrosis patients. In this patient group it is

already well established that LCI is a more sensitive parameter in the early stages of the disease, compared to, for example, FEV1.

Looking at the physiology it was already assumed by many, that LCI could also play a vital role in COPD, especially in the early stages of the disease.

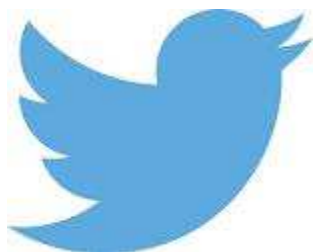
A recently published study shows that LCI is a predictor for COPD. In this study 674 men were examined at the age of 55 years using LCI and Spirometry and follow ups were performed over 4 years.

The study authors concluded: "Reduction of FEV1 between 55 and 68 years of age and incidence of pulmonary obstruction was highest in those with high LCI".

"High LCI is associated with future development of pulmonary obstruction and incidence of COPD hospitalisations in men from the general population".

[Read the Study Abstract here.....](#)

Follow us on Twitter



Follow us on Twitter to find out the latest news from Niche Medical.

[Click here to follow us on Twitter](#)

To find out the latest from Niche Medical (@NicheMedical) follow us on Twitter.

[Follow us on Twitter](#)

Sincerely,

NicheMedical
Solutions in Respiratory Care & Diagnosis

Craig Abud Director
0419 473 024
craig@nichemedical.com.au
[@nichemedical](https://twitter.com/nichemedical)

PO Box 1737
North Sydney 2059 NSW
Telephone: 1300 136 855
Facsimile: 1300 664 204

www.nichemedical.com.au

Craig Abud
Niche Medical

email: craig@nichemedical.com.au

phone: 1300 136 855

web: <http://www.nichemedical.com.au>

