

Gastrointestinal Health Breath Testing Solutions

Owlstone Medical provides a portfolio of breath-based products to facilitate understanding of microbiome function in human health.

OMED HEALTH ANALYZER

Our OMED Health Analyzer is a handheld sensor system, for at home collection and analysis of hydrogen and methane from the gut microbiome. This portable breath tester is designed to detect hydrogen and methane gas in breath anytime, anywhere and is ideal for supporting research and clinical trials.

Used in conjunction with an easy-to-use smartphone app, the OMED Health Analyzer facilitates tracking of food intake and symptoms, alongside breath readings. This enables understanding and longitudinal monitoring of conditions including SIBO and various food intolerances.



**Collection is
Non-Invasive**



**Reflects Real-Time
Metabolism**



**Longitudinal
monitoring**

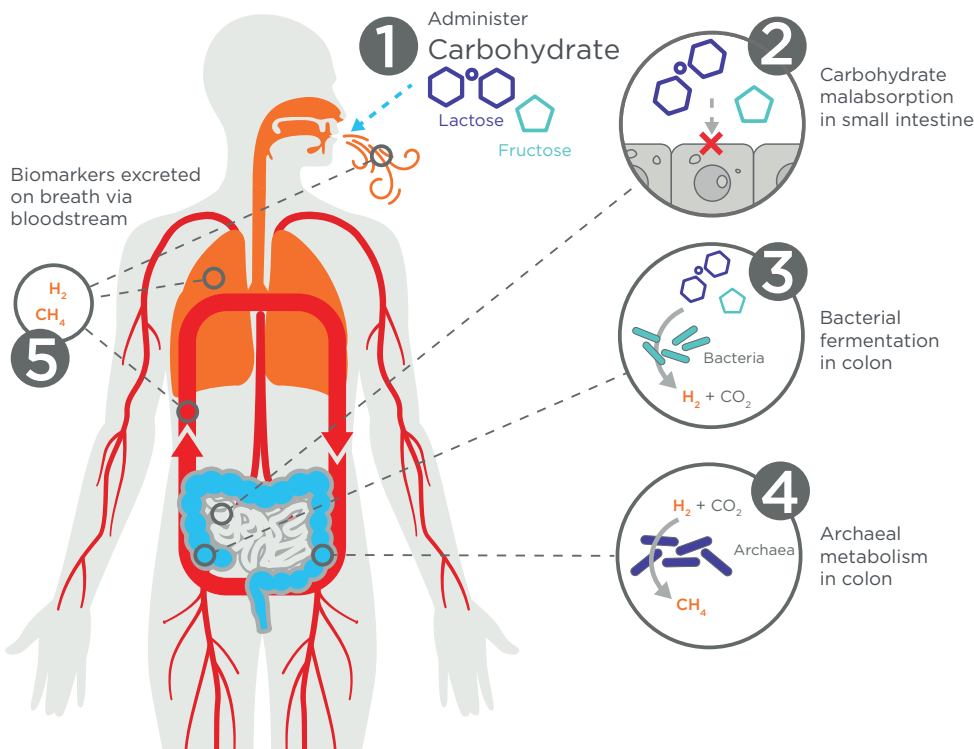


**Convenience of
Home Testing**

HYDROGEN AND METHANE BREATH TESTS

In partnership the Functional Gut Clinic, Owlstone Medical performs hydrogen and methane digestive disease breath tests (HMBT) for NHS and private practice patients in the UK.

These home tests are easy to use and cost effective. The subject ingests a carbohydrate substrate specific to the test of interest and then provides a breath sample at specific times after ingestion by blowing through the straw provided into the collection tube. They are then shipped to our laboratory producing quick, accurate and safe results. Each test is clinically validated to UK, EU and US standards.



HMBT is based on the observation that hydrogen and methane gases expelled in human breath are derived from intestinal bacteria/archaea, as products of the fermentation of undigested substrates.

The pattern of these excreted compounds can give an indication of the underlying cause of persistent GI issues, such as small intestinal bacterial overgrowth, intestinal methanogen overgrowth, or other forms of dysbiosis. This, in turn, can help direct appropriate treatments and increase the effectiveness of those treatments.

Contact us to find out more about collaborating with Owlstone Medical and to find out more about our OMED Health breath testing systems.

breathbiopsy@owlstone.co.uk



Owlstone Medical Ltd, 183 Cambridge Science Park,
Milton Road, Cambridge, CB4 0GJ, UK

[in](#) [X](#) [f](#) @owlstonemedical

Company Number 04955647 | VAT Number 260449214

Owlstone Medical's Products and Services are for research use only. Not for use in diagnostic procedures.

