



ENDOFASTER 21-42

Real time analysis of Helicobacter Pylori & gastric pH (hypochlorhydria) without biopsies

The EndoFaster 21-42 integrates with all standard endoscopies providing REAL TIME analysis of gastric juice; a source of precious information which, provided in real time, enables endoscopists to improve and integrate gastroscopic examinations by comparing the outcome of visual inspection and chemical testing. Presently the EndoFaster 21-42 provides pH analysis (hypochlorhydria) a risk indicator for tumours and several other diseases, as well as the ability to diagnose H. pylori without biopsies (Gastric juice urease).

Correlation Between pH and Neoplastic Risk Conditions

Investigations have presented a high degree of direct correlation between pH values and the incidence of conditions entailing a neoplastic risk (i.e. glandular atrophy, intestinal metaplasia, endocrine cell hyperplasia and hypergastrinaemia). Perendoscopic pH testing of gastric Juice shows that it's an effective parameter to detect and recognize pathological conditions entailing a neoplastic risk. This enables both the endoscopist and the pathologist to focus on high risk patients.

High Accuracy in H. Pylori Diagnosis

Gastric carcinoma is one of the most frequent causes of death from cancer in the world. Precancerous conditions (e.g. atrophic gastritis, intestinal metaplasia and hyperplasia of endocrine cells) can develop from multiple causes, including Helicobacter Pylori, genetic factors and environmental factors. Independent clinical trials have confirmed that EndoFaster presents the same diagnostic performance for H. Pylori as a histology test in mapping six biopsies, with high sensitivity and specificity. Instantly comparable data combined with visual inspection improves diagnostic capacity and bioptic sampling strategy. Even the pathologist is alerted of any anomalies.

Advantages offered by the EndoFaster 21-42:

- Fewer biopsies resulting in a less invasive procedure and considerable cost reduction
- Better diagnosis with a multi-parameter approach
- Shorter investigation time (15 seconds for the pH test and approx. 1 minute for the Helicobacter Pylori test)
- Automatic, easy to use, simplified routine procedures



SynMed Ltd.
SynMed House
7 The Pavilion Business Centre
6 Kinetic Crescent
Innova Park
Enfield
EN3 7FJ
Tel: +(44) 01992 782570
Fax: +(44) 01992 667010
www.synmed.co.uk
sales@synmed.co.uk

Manufactured by NISO BioMed
www.nisobiomed.com

CE
0123

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
© SynMed UK 2013
All Rights Reserved