

## Bibliography Impedance-pH Monitoring Publications

### Adult Esophageal Impedance-pH Reflux Monitoring

1. Multiple Intraluminal Electrical Impedancometry for Recording of Upper GI Motility; H. Nguyen et al.; *The American Journal of Gastroenterology*; Volume 94; Number 2; 1999
2. Patterns of Gas and Liquid Reflux During Transient Lower Oesophageal Sphincter Relaxation; A Study Using Intraluminal Electrical Impedance; D. Sifrim et al.; *Gut*; Volume 44; 1999
3. Composition of the Postprandial Refluxate in Patients With GastroEsophageal Reflux Disease; D. Sifrim et al.; *The American Journal of Gastroenterology*; Volume 96; Number 3; 2001
4. Acid, Non-Acid, and Gas Reflux in Patients With Gastroesophageal Reflux Disease During Ambulatory 24-Hour pH-Impedance Recordings; D. Sifrim et al.; *American Journal of Gastroenterology* 2001;120:1588-1598
5. Simultaneous Intraesophageal Impedance and pH Measurement of Acid and Nonacid Reflux: Effect of Omeprazole; M. Vela et al.; *Gastroenterology* 2001; 120:1599-1606
6. MultiChannel Intraluminal Impedance Accurately Detects Fasting, Recumbent Reflux Events And Their Clearing; S. Shay et al.; *American Journal Physiology; Gastrointestinal & Liver Physiology*; April 2002;10.1152/G376-383
7. Baclofen Decreases Acid and Nonacid Postprandial Gastroesophageal Reflux Measured by Combined Multichannel Intraluminal Impedance and pH; M.F.Vela et al; *Alimentary Pharmacology Therapy* 2003;17:243-251.
8. Relevance of Ineffective Oesophageal Motility During Oesophageal Acid Clearance; M. Simren et al.; *Gut* 2003; 52:784-790.
9. Redefining Gastroesophageal Reflux (GER) Detection Using Multichannel Intraluminal Impedance in Healthy Volunteers; N.S. Balaji et al; *Surgical Endoscopy*

## Bibliography

### Impedance-pH Monitoring Publications

10. Acid Rereflux, A Review, Emphasizing Detection by Impedance, Manometry and Scintigraphy, and The Impact of Acid Clearing Pathophysiology as Well as interpreting the pH Record; S.Shay et al; *Digestive Diseases and Sciences*, Vol 48, No 1, January 2003; 1-9.
11. MultiChannel Intraluminal Impedance in Esophageal Function Testing and Gastroesophageal Reflux Monitoring; R. Tutuian et al; *Journal Clinical Gastroenterology*, Vol 37, No 3, 2003; 206-215
12. Use of MultiChannel Intraluminal Impedance to Document Proximal Esophageal and Pharyngeal Nonacid Reflux Episodes; Tutuian et al; *The American Journal of Medicine*; Vol 115; (3A); 2003; 119S-123S
13. Esophageal Impedance Monitoring; The Ups and Downs of a New Test; Steven Shay; *American Journal of Gastroenterology* May 2004: 1020-1022
14. Twenty-Four Hour Ambulatory Simultaneous impedance and pH Monitoring: A Multicenter Report of Normal Values From 60 Healthy Volunteers' S. Shay et al; *American Journal of Gastroenterology* May 2004: 1037-1043
15. Gastro-oesophageal Reflux Monitoring: Review and Consensus Report on Detection and Definitions of Acid, Non-acid and Gas Reflux; Sifrim et al; *Gut*; 2004-53;1024-1031
16. Omeprazole Does Not Reduce Gastroesophageal Reflux: New Insights Using MultiChannel Intraluminal Impedance Technology A. Tamhankar et al; *Journal of Gastrointestinal Surgery*; Vol. 8, Number 7, 888-896
17. Aerophagia, Gastric & Supraesophageal Belching: A Study Using Intraluminal Electrical Impedance Monitoring; AJ Bredenoord et al; *GUT*; 2004;53; 1561-1565
18. Minimum Sample Frequency for MultiChannel Intraluminal Impedance Measurement of the Oesophagus; AJ Bredenoord et al; *Neurogastroenterology Motility*; 2004;16; 713-719
19. Reproducibility of MultiChannel Intraluminal Electrical Impedance Monitoring of Gastroesophageal Reflux; AJ Bredenoord et al; *American Journal of Gastroenterology*; 2005;100: 265-269

## Bibliography

### Impedance-pH Monitoring Publications

20. Weakly Acidic Reflux in Patients with Chronic Unexplained Cough During 24 Hour Pressure, pH and Impedance Monitoring; D. Sifrim et al; GUT; 2005; 54;449-454
21. Mechanisms of Gastroesophageal Reflux in Critically Ill Mechanically Ventilated Patients; G. Nind et al; Gastroenterology; 2005;128:600-606
22. Relationships Between Air Swallowing, Intragastric Air, Belching and Gastro-oesophageal Reflux; A. J. Bredenoord et al; Neurogastroenterology Motility; 2005;17; 341-347
23. The Influence of Postural Changes on Gastroesophageal Reflux and Barrier Pressure in Nonfasting Individuals; Hans-Christian Jeske et al; Anesthesia Analg.2005; 101: 597-600
24. Direct Comparison of Impedance, Manometry and pH in Detecting Reflux Before and After a Meal; Shay & Richter; Digestive Disease & Sciences; Vol 50, No 9, pp 1584-1590.
25. Determinants of Perception of Heartburn and Regurgitation; A. Bredenoord et al; Gut online 24 Aug 2005;doi:10.1136/gut.2005.074690.
26. Direct Comparison of Impedance, Manometry and pH Probe in Detecting Reflux Before and After a Meal; Shay & Richter; Digestive Diseases & Sciences, Vol 50, No 9 (September 2005),pp1584-1590.

**Bibliography**  
**Impedance-pH Monitoring Publications**

**Adult Extra-Esophageal Impedance-pH Reflux (LPR) Monitoring**

1. Physical and pH Properties Gastroesophagopharyngeal Refluxate: A 24-hour Simultaneous Ambulatory Impedance and pH Monitoring Study; Kawamura et al; American Journal of Gastroenterology; 2004:120:1588-1598

## Bibliography

### Impedance-pH Monitoring Publications

#### Pediatric Impedance-pH Reflux Monitoring

1. Association of Apnea and Nonacid Gastroesophageal Reflux in Infants: Investigations with the Intraluminal Impedance Technique; T. G. Wenzl, S. Schenke, T. Peschgens, J. Silny, H. Skopnik, G. Heimann; Pediatric Pulmonology; 31:144-149 (2001)
2. Intraluminal Impedance: an Ideal Technique For Evaluating Pediatric Gastroesophageal Reflux Disease; T. G. Wenzl, H. Skopnik; Curr Gastroenterol Rep 2000, 2: 259-64
3. Procedure for the SemiAutomatic Detection of Gastro-oesophageal Reflux Patterns in Intraluminal Impedance Measurements in Infants; M. Trachterna, T. G. Wenzl, J. Silny, G. Rau, G. Heimann; Med Eng Phys 1999, 21: 195-201
4. Gastroesophageal Reflux and Respiratory Phenomena in Infants: Status of the Intraluminal Impedance Technique T. G. Wenzl, J. Silny, S. Schenke, T. Peschgens, G. Heimann, H. Skopnik; Journal of Pediatric Gastroenterology & Nutrition; 1999, 28: 423-8
5. Gastroesophageal Reflux in Infants: Evaluation of a New Intraluminal Impedance Technique; H. Skopnik et al.; Journal of Pediatric Gastroenterology and Nutrition; Volume 23; Number 5;591-598; 1996
6. Esophageal pH Monitoring and Impedance Measurement: A Comparison of Two Diagnostic Tests for Gastroesophageal Reflux; T. Wenzl et al; Pediatric Gastroenterology and Nutrition 2002; 34:519-523
7. Gastroesophageal Reflux and Apnea of Prematurity: No Temporal Relationship; Peter C.S. / Poets C.F. et al; Pediatrics; Volume 109 No 1, January 2002.
8. Effects of Thickened Feeding on Gastroesophageal Reflux in Infants: A Placebo-Controlled Crossover Study Using Intraluminal Impedance; T.Wenzl et al; Pediatrics; Volume 111 No 4, April 2003.
9. Evaluation of Gastroesophageal Reflux Events in Children Using Multichannel Intraluminal Electrical Impedance; T. Wenzl; The American Journal of Medicine; Volume 115 (3A) 161S-165S;2003

## Bibliography

### Impedance-pH Monitoring Publications

10. Influence of Nasogastric Tubes on Gastroesophageal Reflux in Preterm Infants: A Multiple intraluminal Impedance Study; Peter CS et al; Journal Pediatric 2002, 141: 227-9
11. Investigating Esophageal Reflux with the Intraluminal Impedance Technique; Wenzl TG; Journal Pediatric Gastroenterology Nutrition; 2002, 34: 261-8
12. Detection of Small Bolus Volumes Using Multiple Intraluminal Impedance in Preterm Infants; Peter CS et al; Journal Pediatric Gastroenterology Nutrition; 2003, 36: 381-4
13. Gastroesophageal Reflux; A Critical Review of Its Role in Preterm Infants; Poets FP; Pediatrics; Vol 113 No 2;Feb 2004
14. Inter- and Intraobserver Agreement for Gastroesophageal Reflux Detection in Infants Using Multiple Intraluminal Impedance; Peter CS, Sprodowski N, Ahlborn V, Wiechers C, Schlaud M, Sillny J, Poets CF; Biol Neonate 2004, 85: 11-14
15. The Importance of MultiChannel Intraluminal Impedance in The Evaluation of Children with Persistent Respiratory Symptoms; Rosen R. & Nurko S.; American Journal of Gastroenterology; 2004;99:1-7
16. Effect of Gaviscon Infant on Gastro-Oesophageal Reflux in Infants Assessed by Combined Intraluminal Impedance-pH, R Del Buono, TG Wenzl, G Ball, S Keady, m Thomson, Arch. Dis. Child, 2005; 90; 460-463.