

## ***Roberto Penagini – curriculum vitae***

Born in Milan, Italy, 31/12/1955

Honorary Registrar at the Department of Gastroenterology (Director Dr JJ Misiewicz), Central Middlesex Hospital, London, UK for 3 years (1985-1987)

Visiting Scientist at the Gastroenterology Unit (Director Prof J Dent), Royal Adelaide Hospital, Adelaide, South Australia, for 1 year (1993)

Certified fellow in Gastroenterology (1995) and fellow with special expertise in therapeutic endoscopy, endoscopic retrograde cholangiopancreatography (ERCP) and manometric and pHmetric investigations (1997) by the European Board of Gastroenterology (EBG)

Associate Professor of Gastroenterology at the University of Milan (2002- )

Delegate of the Italian Society of Gastroenterology (SIGE) at the National Societies Committee and Public Affairs Committee of United European Gastroenterology (UEG) (2011- )

### ***Professional activity***

In the Department of Gastroenterology, Fondazione IRCCS Ca'Granda – Ospedale Maggiore Policlinico, Milan, Italy where he is Head of the Endoscopy Unit: clinical gastroenterology, diagnostic and therapeutic gastrointestinal and biliopancreatic endoscopy, pH and motility testing, gastroenterology teaching to undergraduate and postgraduate students.

### ***Main educational and research interests***

Training in oesophageal pH and motility testing (he has been part of the faculty of the UEG Summer School of Gastroenterology 2006-2014)

Training and research in gastrointestinal endoscopy with the use of simulators

Research in pathophysiology, diagnosis and treatment of oesophageal diseases

Research in endoscopic treatment of biliary complications after liver transplantation

Author of 89 full scientific publications in peer review Journals (1<sup>st</sup> or last author in 68/89 publications)

Referee of international Journals including Gastroenterology, Gut, Am J Physiology, Am J Gastroenterology, Alimentary Pharmacol Ther, Neurogastroenterol and Motility, Digestive and Liver Disease, European J Gastroenterol Hepatol

## *Selection of 20 publications*

1. **Penagini R**, Misiewicz JJ, Frost PG  
Effect of jejunal infusion of bile acids on small bowel transit and fasting jejunal motility in man.  
**Gut. 1988; 29: 789-94**
2. **Penagini R**, Spiller RC, Misiewicz JJ, Frost PG.  
Effect of ileal infusion of glycochenodeoxycholic acid on segmental transit, motility and flow in the human jejunum and ileum.  
**Gut. 1989; 30: 609-17**
3. **Penagini R**, Bartesaghi B, Zannini P, Negri G, Bianchi PA.  
Lower oesophageal sphincter hypersensitivity to opioid receptor stimulation in patients with idiopathic achalasia.  
**Gut. 1993; 34: 16-20**
4. Holloway RH, **Penagini R**, Ireland AC.  
Criteria for the objective definition of transient lower oesophageal sphincter relaxation.  
**Am J Physiol. 1995; 268: G128-G33**
5. Mittal RK, Holloway RH, **Penagini R**, Blackshaw A, Dent J.  
Transient lower esophageal sphincter relaxation.  
**Gastroenterology. 1995; 109: 601-10**
6. **Penagini R**, Schoeman MK, Dent J, Tippet MD, Holloway RH.  
Motor events underlying gastro-oesophageal reflux in ambulant patients with reflux oesophagitis.  
**Neurogastroenterol Motil. 1996; 8: 131-41**
7. **Penagini R**, Bianchi PA.  
Effect of morphine on gastroesophageal reflux and transient lower esophageal sphincter relaxation.  
**Gastroenterology. 1997; 113: 409-14**
8. **Penagini R**, Hebbard G, Horowitz M, Dent J, Bermingham H, Jones K, Holloway RH.  
Motor function of the proximal stomach and visceral perception in gastro-oesophageal reflux disease.  
**Gut. 1998; 42: 251-7**
9. **Penagini R**, Mangano M, Bianchi PA.  
Effect of increasing the fat content but not the energy load of a meal on gastro-oesophageal reflux and lower oesophageal sphincter motor function.  
**Gut. 1998; 42: 330-3**
10. Allocca M, Mangano M, **Penagini R**.  
Effect of prolonged gastric distension on motor function of LES and of Proximal stomach.  
**Am J Physiol-Gastroint Liver Physiol. 2002; 283: 677-80.**

11. Cantù P, Carmagnola S, Savojardo D, Allocca M, **Penagini R**.  
Effect of non-selective  $\gamma$ -aminobutyric acid receptor stimulation on motor function of the lower oesophageal sphincter and gastro-oesophageal reflux in healthy human subjects.  
**Aliment Pharm Ther. 2003; 18: 699-704.**
12. **Penagini R**, Carmagnola S, Cantù P, Allocca M, Bianchi PA.  
Mechanoreceptors of the proximal stomach: role in triggering transient lower esophageal sphincter relaxation.  
**Gastroenterology. 2004; 126: 49-56.**
13. Savojardo D, Mangano M, Cantù P, **Penagini R**.  
Multiple rapid swallowing in idiopathic achalasia: evidence for patients' heterogeneity.  
**Neurogastroenterol Motil. 2007; 19 (4): 263-9.**
14. Cantù P, Savojardo D, Barelli MV, Buonamici V, Bertinieri G, **Penagini R**.  
Cardiovascular effects of gastric intubation and distension in healthy humans.  
**Neurogastroenterol Motil. 2008; 20 (4): 304-10.**
15. Cantù P, Tenca A, Donato MF, Rossi G, Forzenigo L, Piodi L, Rigamonti C, Agnelli F, Biondetti P, Conte D, **Penagini R**.  
ERCP and short-term stent-trial in patients with anastomotic biliary stricture following liver transplantation.  
**Dig. Liver Dis. 2009 Jul; 41 (7): 516-22.**
16. Grigolon A, Cantù P, Bravi I, Caparello C, **Penagini R**.  
Subcardial 24-h wireless pH monitoring in gastroesophageal reflux disease patients with and without hiatal hernia compared with healthy subjects.  
**Am J Gastroenterol. 2009 Nov; 104 (11): 2714-20.**
17. Bravi I, Nicita MT, Duca P, Grigolon A, Cantù P, Caparello C, **Penagini R**.  
A pneumatic dilation strategy in achalasia: prospective outcome and effects on oesophageal motor function in the long-term.  
**Aliment Pharmacol Ther 2010; 31 :658-65**
18. Holloway RH, Boeckxstaens GE, **Penagini R**, Sifrim DA, Smout AJ.  
Objective definition and detection of transient lower esophageal sphincter relaxation revisited: is there room for improvement?  
**Neurogastroenterol Motil. 2012; vol. 24: p. 54-60**, ISSN: 1350- 1925, doi: 10.1111/j.1365-2982.2011.01812.x
19. A. Elvevi, P. Cantu, G. Maconi, D. Conte, **R. Penagini**.  
Evaluation of hands-on training in colonoscopy : is a computer-based simulator useful?  
**Dig. Liver Dis. 2012; vol. 44: p. 580-584**, ISSN: 1590-8658, doi: 10.1016/j.dld.2012.03.014
20. D. Sifrim, **R. Penagini**.  
Capping the Gastric Acid Pocket to Reduce Postprandial Acid Gastroesophageal Reflux.  
**Clin Gastroenterol Hepatol 2013**; ISSN: 1542-3565, doi: 10.1016/j.cgh.2013.06.008