



Luigi Gaeta

 UNIVERSITY OF INSUBRIA



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Contact data

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Biography

Prof. Luigi Gaeta worked at the University "Federico II" of Naples, from 1973 to 1995 under direction of the Prof. Francesco Mazzeo, the Chairman of Experimental Surgery, of Emergency Surgery, of Semiology and General Surgery. From December 22, 1995 he works near the chair of General Surgery, under direction of Prof. Renzo Dionigi, School of Medicine in Varese. He has completed stays in many international Surgical Schools and Institutions:

1974 Mar-Jul '75 - Service of Transplantations, Prof. JP Alexandre, St Raphael H, Leuven.

1976 Jan - Official observer in Service Chirurgie Digestive, Prof JC Sarles, CHU Marseille

'76 Nov- Nov '77 - Stay in Marseille as "Attaché étranger" in surgical services of Regional Hospitals, General Surgery under direction of Prof J.C. Sarles, and Plastic Surgery, "Centre des Grands Brulés, Hotel Dieu, under direction of Prof. P.Jouglard - For research's activity, fellowship in Pancreatology Center and 31 Unit INSERM of Medical Departement under direction of Prof. H Sarles, until march Nov.01.1977.

1980 Aug - Stay in "Service Endoscopie digestive", Prof. M Cremer, Erasme ULB, Bruxelles.

1981 Jul-Aug - Stay in Service Chirurgie, prof. PJ Kestens, H.St.Luc, UCL, Bruxelles.

1982 - Stay in Erasme H./ Prof.C. Cremer et Lambillotte, Bruxelles

1983 - Stay in "Service de Chirurgie", Prof. H Bismouth, Paul Brousse H. Paris.

1986 Nov-Dec - Official observer at Memorial SKC H. prof. JG Fortner; at Medical Center Prof. J Ranson New York.

1986 Apr - Stay in Laboratory of Prof.G Vantrappen, Gasthuisberg H.U. Leuven.

1990 Aug - Stay in Service Chirurgie Prof.PJ Kestens, H. St. Luc, Bruxelles.

1991 Aug - Stay for Laparoscopic Surgery, H.St.Luc, Prof. F Gigot, Bruxelles

1991 Dec - Stay Laboratoire prof. G Vantrappen, Gasthuisberg H. University, Leuven.

1999 Jan - Service Carcinologie Digestive, Gustave Roussy I., in Paris

2004 Apr - Stay in Erasme H. Bruxelles

Qualifications and awards

- Degree in medicine 1972.
- Graduated of Experimental Surgery 1976.
- Graduated of Colonproctology 1977.
- Speciality on Surgery 1978.
- Speciality on Oncologic Surgery 1982.
- Speciality on Surgical Special Semeiotic Techniques, 1985.
- 1st Award of Italian Society of Surgery, 1992.
- 1 Grant from I.N.S.E.R.M. (Institut National Santé et Recherche Medicale) No.74-522-004.
- 5 Grants from Italian Association Study of Pancreas.
- Adviser of Italian Association Study of Pancreas 1988-90.

Research interests

Experimental research carried on guinea pig, rat, rabbit and the dog, faced many aspects of general surgery: starting examined experimental cholestasis in guinea pig. At Unité de Recherches de Pathologie Digestive 31 INSERM, Marseille, he studied the effects of vagal acute and chronic electrostimulation on the pancreatic secretion in the anaesthetized or awake dog, proving the existence of inhibitory vagal fibers; effects of chronic stimulation of splanchnic and pneumogastric nerves on the pancreatic secretion in the dog; effects of gastrointestinal hormones and smoke on Oddi's sphincter by electromyography in the rabbit; design and carrying out a new cannula for collecting pancreatic juice; a new surgical procedure of biliary manometry in the rat enclosed in the Bolman's capsule in normal and pathologic state.; models of acute pancreatitis and pharmacologic experimentation.

Clinical relating, he has carried out research about conservative treatment of acute pancreatitis, the new diagnostic techniques, the digestive motility and in particular of the transposed duodenal handles after total gastrectomy or on biliary tree as hepatico-jejuno-duodenoplasty operation; about Fortner's techniques of regional pancreatectomy (1984) and digestive reconstruction after Whipple's procedure, in particular pancreatic remnant stump's treatment (1986); about laparostomy and "zipper" in acute pancreatitis (1986), about the role of biliopancreatic junction in the pancreatic carcinogenesis on Whipple' surgical specimens (1987); about rectal lymphoscintigraphy and surgical local treatment of cancer of rectum, Recent interest carried into bariatric surgery and into peroperative intraperitoneal chemio-hyperthermia for the treatment of the peritoneal carcinosis.

Teaching experience and appointments

From 1973 Dr. Gaeta covered the appointments of Assistant to practice exercises of Experimental Surgery (1/1/73); Fellow-ship of General Surgery of Medical Faculty of Naples (01/5/75-30/6/77); Assistant boursier, Centre Hospitalier Universitaire Aix-Marseille, from 01/11/76 to 1/11/1977; Contract Lecturer General Surgery, from 01/07/77-31/12/1979; Researcher General Surgery, from 04/01/80-20/10/84; Associate of General Surgery from 20/10/1984 until 22/12/1995, c/o Medical Faculty of Naples, under direction of Prof. Mazzeo. He cooperated to official teaching of Semeiotics and General Surgery, From 1976 to 1977, actively cooperated in doing lectures and seminars for medical students and assisting to the practice exercises at laboratory of experimental surgery, near CHU Marseille. From 1977 he covered appointment of teaching in the residencies of Faculty in Naples: Oncologic Surgery, Surgical Special Semeiologic Techniques, General Surgery, Digestive Surgery and Endoscopic, Gastroenterology

Representative publications

and Endoscopy of Medical faculty of Naples. From 1995 Dr Gaeta is official teacher of General Surgery course for the School of Medicine at the University of Insubria in Varese. Also he is in charge for General Surgery teaching c/o the following residencies of the School of Medicine at the University of Insubria: General Surgery, Thoracic Surgery, Vascular Surgery, Plastic and reconstructive Surgery, Gastroenterology and Radiodiagnostic.

- 1) "Influences of cholestasis on enzymatic induction by fenobarbital: experimental observations in guinea pig" Di Simone A, Catanzano C, Riegler G, Rinaldi M, Di Cesare D, Gentile S, Gaeta L, Coltorti M. Estratto da Quaderni Sclavo di Diagnostica 1974, Vol 10; 4: 481 - 90. IML (IT).
- 2) "The treatment of liver metastasis in cases of tumour of gastrenteric tube"
Gaeta L, D'Antonio C, Gesuè G, Pennetti L, Rendano. Minerva Chirurgica 1978, 33:1-4. IML (IT).
- 3) "The radiological diagnosis of chronic pancreatitis and its limits"
Gaeta L, Guien C, Pietri H, Sahel J. Minerva Dietol Gastroent. 1978 Apr-Giu Vol 24, n 2: 83- 8. (14) IML (IT).
- 4) "Action of chronic irritation of vagal nerves upon pancreatic secretion in dogs" Gaeta L, Amoros P, Devaux MA, Sarles JC. Gastroentérologie ressar biol. 1979, 3:302-3 (ENG).
- 5) "Effect of chronic irritation of splanchnic and vague nerves upon pancreatic secretion of the dog"
Sarles JC, Castello H, Gaeta L, Devaux MA, (Unité de Recherches de Pathologie Digestive, INSERM U-31, F 13009 Marseille)
Gastroentérologie clinique et biologique 1979, 3, 84 (FR).
- 6) "Manometric measures in total gastrectomy are correlated to surgical reconstructive procedure"
Gaeta L, Craus W, Mazzeo F. Panorama Sanitario, 1980, V; 12:10-8 (IT).
- 7) "Biliary pressure in the rat, in normal and pathologic state"
Gaeta L, Scaramuzzino L, Romano F. Il Policlinico Sez Chir 1981, Vol 88, 5: 1074- 80, Ed L Pozzi Roma (IT).
- 8) "Action of gastrointestinal hormones on the myoelectric activity of the sphincter of oddi in living rabbit" Sarles JC, Delecourt P, Castello H, Gaeta L, Nocchiero M, Amoros JP, Dewaux MA, and Awad R. Regulatory Peptides. 1981, 2, 113-24. IML (ENG).
- 9) "Total parenteral nutrition in pancreatic diseases"
Mazzeo F, Gaeta L, Mozzillo N, Piccolboni D. Minerva Diet. e Gastroenterologica 1981, Vol 27, 4: 611-8 IML (IT).
- 10) "Cysts complicating chronic pancreatitis: results and treatment"
Sarles JC, Salasc B, Delecourt P, Nacchiero M, Gaeta L. Les formations kystiques au cours des pancréatites chroniques: orientation thérapeutique. Gastroentérologie clinique et biologique. 1982, 6: 857 -

862. IML (FR).

11) "The hepato-entero-duodenoplasty, our experience"

Mazzeo F, Rendano F, Gaeta L. Archivio Antologia Medica Italiana 1983 Marzo, vol III; Fasc III: 1- 8 (IT).

12) "Surgical therapy of chronic pancreatitis"

Mazzeo F. Gaeta L. Il Giornale di Chirurgia 1983 IV 6: 613 - 618 (IT).

13) "Local excision of early rectal cancer"

Bucci L, Benassai G, Gentile M, Forestieri P, Mozzillo N, Gaeta L. Minerva Chirurgica 1985 V.40, 7:439-42. IML (IT).

14) "Current trends in pancreatic cancer staging"

Gaeta L, Benassai G, Festa P, Mazzeo F. Surgical Endoscopy Interventional Techniques (1SUP) 1986: 99 (ENG).

15) "The tumours of exocrine pancreas: evaluation of results to

propose a perspective study" Mosella G, Gaeta L.. Monduzzi Editore Bologna, Atti X Congresso SICO 1986 Vol I Relazioni tomo II: 1001-9 (IT).

16) "Anatomy of the pancreatic, biliary junction examined in surgical

specimens of patients resected for pancreatic cancer" Digestion 1987 vol 38 N1: 20 (ENG).

17) "Lymphoscintigraphy and immunolymphoscintigraphy in the

diagnostic evaluation of colorectal neoplastic recurrences" Bucci L, Benassai G, Gaeta L, Mazzeo F. "Communication Société Française Proctologie, Réunion 21/XI/1987. Estratto da Bulletin Francais de Coloproctologie 1988, 1: 8-9 (FR).

18) "Suppression of pancreatogigiunal anastomosis in Whipple

procedure: early and late results" Gaeta L, Casati P, Festa P, Mazzeo F. Prima comunicazione classificata al concorso "Premio Giovani" 92° Congresso Nazionale Società Italiana di Chirurgia, Roma 21-25/X/1990 Edizioni Minerva Medica, ATTI Vol II: 3-6 (IT).

19) "Necrotic pancreatitis and colonic complications, control of infection

by colectomy and laparostomy with zipper" Gaeta L, Benassai G, Fimiani D, Liccardo R, Mazzeo F. Minerva Medica, Atti 92° Congresso SIC Vol II: 61 - 4. (IT)

20) "Peritoneum"

Mozzillo N, Gaeta L, Mazzeo F. in Mazzeo F-Mozzillo N. (eds) "The Surgery of Infections" Chirurgia delle Infezioni, Prevenzione Clinica e Terapia. Vol II Masson 1991: 533-89. (IT)

21) "Pancreatic resections for neoplasms"

Mazzeo F, GAETA L. in "Neoplasms of the Pancreas: Diagnostic and Therapeutic Integration", Fegiz G, Virno, Ranieri E. Coll monografica vol 3, 99-100 (ENG)

22) "The role of surgery in acute pancreatitis" Gaeta L. Medical and

Surgical Gastroenterology suppl. alla Riv It di Ric Med e Chir. 1993 Vol I; 2, 241-247. (IT).

23) 'Surgical therapy of large rectal adenomas: role of TEM" Benassai G, Formisano V, Santoro GA, Mori S, Caruso F, Gaeta L, Edizioni Minerva Medica Torino 1993, Atti 95° Congresso Società Italiana di Chirurgia vol II: 1439-40 (IT).

24) "Diagnostic and Therapeutic management of differentiated thiroidal carcinomas"
Gaeta L, Santoro A, Marino L, Santoro M. Italian Review of Medical and Surgical Researches 1994, vol 3: 77-81 (IT).

25) "Surgical management of iatrogenic injures in biliary surgery"
Gaeta L, Benassai G, Aiello C, de Werra C. Minerva Medica Torino, 1994 Atti 96° Congresso SIC vol II: 805-8. (IT)

26) "Exocrine Pancreas" Mazzeo F, Gaeta L, Mazzeo M. Cap. 60: 1046-76 in Zannini G. Chirurgia. UTET 1995 (IT)

27) "Extranatomic or in situ treatment of enteric prosthetic fistulas. Personal experience"
Castelli P, Dominioni L, Gaeta L, Interdonato PF, Botta E, Caronno R, e Dionigi R. Pozzi Editore Archivio Italiano di Chirurgia Toracica e cardiovascolare. Vol XVIII, 3, 1996: 161-4. (IT)

28) "Surgical treatment of anal carcinoma".
Gaeta L, Benevento A, Carcano G, Chiappa A, Bianchi V, Barbera D e Dionigi R. Monografia I tumori intestinali" ATTI Società Italiana di Prevenzione, Diagnosi e terapia dei Tumori (SIPDT) Foggia 16-18 V 1997 - Le Monografie di Adria Medica, coll di agg. Diretta da Tullio Battelli AM ed 1997: 213-22. (IT).

29) "Experimental models of acute pancreatitis"
Gaeta L, Dionigi G, Dionigi R. Chirurgia Italiana 2000, 52;5:1-29. IML (IT)

30) "Pancreatic ultrasonography"
Fugazzola C, Gorreta L, Prudenzano R, Tragni C, D'Alba MJ, Marras M, Gaeta L in autori vari "Ecografia". (2003 vol. 2, pp. 589-639). Idelson Gnocchi. (IT)

Clinical interests

Major oncological surgery. Pacreatic surgery.