

# GASTROENTEROLOGY

## Clinical activity and areas of excellence

The unit is organized as follows: hospitalization, day-hospital, outpatient care, consultation, digestive endoscopy

**Clinical activity** is focused on the following:

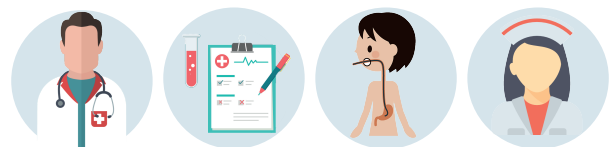
- Benign chronic intestinal insufficiency due to intractable chronic diarrhoea of childhood, short bowel, and chronic intestinal pseudo-obstruction
- Clinical nutrition (enteral and parenteral, at hospital and at home)
- Diagnostic and therapeutic digestive endoscopy (gastroscopy and pancolonoscopy with retrograde ileoscopy, dilatation of esophageal and colonic stenoses with possible stent application, polypectomy, plugging of hemorrhage, removal of foreign bodies, ligature and sclerosis of esophageal varices, percutaneous endoscopic gastrostomy)
- Management of clinical nutrition in patients with neurological lesions (in collaboration with the Pediatric Surgery unit)
- Management of intestinal pre-transplant
- Chronic inflammatory bowel diseases (CIBD)
- Celiac disease (the unit is regional reference center)
- Intestinal bowel movement disorders
- Intolerance to carbohydrates
- Gastrointestinal disease due to food allergy
- Peptic disease
- Malformative and autoimmune hepatology
- Management of pre- and post-liver transplant

**Diagnostic procedures** include:

- esophageal and gastric pH-metry/impedance measurement;
- breath test (labeled urea for Helicobacter pylori infection and H2 for intolerance to carbohydrates);
- intestinal functional absorptive tests;
- imaging diagnosis (traditional, US, spiral CT, MR examinations performed by the Radiology unit);
- scintigraphy (performed by Nuclear Medicine units of Galliera hospital and Villa Scassi hospital);
- video capsule enteroscopy;
- manometry.

**Therapeutic procedures** include:

- medical therapy;
- artificial clinical nutrition;
- selective diet;
- digestive tract surgery in selected cases (performed by the Pediatric Surgery unit).



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## MAJOR COLLABORATIONS

- ■ ■ Transplant Center of "S. Martino" Hospital, Genoa, Italy
- ■ ■ Transplant Center, Bergamo, Italy
- ■ ■ Gastroenterology and Digestive Endoscopy Unit, Galliera Hospital, Genoa, Italy
- ■ ■ Gastroenterology and Digestive Endoscopy unit, Imperia Hospital, Imperia, Italy
- ■ ■ Hôpital des Enfants Malades Necker, Paris, France
- ■ ■ Institute of Child Health, London, UK
- ■ ■ Jackson Memorial Hospital, Miami, USA
- ■ ■ ISMETT, Palermo, Italy

### Head

Paolo Gandullia, MD

Phone: +39 010 5636 2350 Secretariat

e-mail: [paologandullia@gaslini.org](mailto:paologandullia@gaslini.org)