

GAETANO LA MANNA MD, PhD

Personal notes

- Born at Bagnacavallo (RA), April 26th, 1962
- Work address: Nephrology, Dialysis and Renal Transplantation Unit, St. Orsola University Hospital, IRCCS Az. AOU di Bologna, Via Massarenti 9, 40138 Bologna, Italy
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Education

- Higher School Diploma, Classical Lyceum G. B. Morgagni at Forli
- Degree in Medicine and Surgery, top marks (110/110 cum laude), University of Bologna, 1988
- Specialization in Nephrology, top marks (70/70 cum laude), University of Bologna, 1992
- PhD in Nephrology, University of Bologna, 1995
- Postdoctoral Diploma, University of Bologna, 1997

Present position

- Director of Nephrology, Dialysis and Renal Transplant Unit – St. Orsola University Hospital (from 2014, November)
- Director of School of Specialization in Nephrology Faculty of Medicine, Alma Mater Studiorum University of Bologna (from 2014, November)
- Full Professor of Nephrology, Faculty of Medicine and Surgery, Alma Mater Studiorum, University of Bologna.
- Tenured professor in Nephrology at the Humanitas University,

Institutional Activities

- Deputy Director of the Department of Transplantation and Organ Failure, St. Orsola Hospital University of Bologna
- Director of the School of Specialization in Nephrology, Faculty of Medicine, Alma Mater Studiorum University of Bologna (since 2015 to now)
- Deputy Coordinator of the Academic Board of the PhD in Cardio-Nephro-Thoracic Sciences
- Editor in Chief of "Giornale Italiano di Nefrologia" official organ of the Italian Society of Nephrology (SIN)
- Editor of the number 190 of the Editorial series "Contribution to Nephrology" named "Current perspectives in Kidney Diseases"
- Member of the Board of the scientific Journal "Artificial Organs"
- Member of the Board of the scientific Journal "Blood Purification"
- Member of the Advisory Commission for the reorganization of the PhD
- Member of several Committees (admission to the PhD, the School of Specialization)
- Member of Commission of Doctoral Degree and School of Specialization in Nephrology
- Reviewer activities for the following scientific journals: Kidney International, Kidney and Blood Pressure Research, American Journal of Nephrology, PLOS ONE, Therapeutic Apheresis and Dialysis, Artificial Organs, Cochrane Review Group, Cochrane Protocol
- Scientific secretary for several National and International events including the Congress of the European Society for Artificial Organs (ESAO), the Interdisciplinary Seminars in Nephrology and Organ Substitution, etc.
- Editor in Chief of Giornale Italiano di nefrologia

Educational activities

- Course of Nephrology- B Channel, Specialist degree in Medicine and Surgery (single cycle)
- Participation in the Course of Nephrology- A Channel, Specialist degree in Medicine and Surgery (single cycle)
- Course of Reading and Interpretation of normal and pathological hemogasanalysis. Renal compensation, Specialist degree in Medicine and Surgery (single cycle)

- Course of Acute Renal Failure and Nephrology Emergency Medicine, Specialist degree in Medicine and Surgery (single cycle)
- Course of Nephrology, Master of Science in Biotechnology
- Course of Nephrology, Bachelor of Science in Nursing, Campus of Rimini
- Courses at the School of Specialization in Nephrology, Faculty of Medicine and Surgery
- Director of the Master-University of Bologna in Oncology Nursing at the Scientific Institute for the Study and Treatment of Tumors in Meldola,
- Responsible for the programmes in Nephrology PhD in Specialistic Medical Sciences, University of Bologna
- Course of Nephrology and substitution techniques in the Master-University of Bologna in Nursing in Critical Area at University Hospital S. Orsola-Malpighi Hospital, Bologna
- Supervisor of 119 degree theses for the degree in Medicine and Surgery (single cycle).
- Supervisor of 11 degree theses for the Degree in Biotechnology.
- Supervisor of 9 degree theses for the Degree in Biology.
- Supervisor of 49 post-doctoral theses for the Specialization in Nephrology.
- Supervisor of 27 theses for the Nephrology program of the PhD in Specialistic Medical Sciences.
- Member of the Commission of 12 competitive exams for "Assegno di Ricerca" (University grant).
- Tutor of 18 winners of an "Assegno di Ricerca" (University grant).
- Codirecteur de theses in Doctorate assignment at Université Paris 13

Applied Clinical Research Commitments

- Under the auspices of the European Heart Rhythm Association and the European Association of Cardiology, components of the Task Force on "Chronic kidney disease (CKD) in the patient with cardiac rhythm disturbances or implantable electrical devices: clinical significance and implications for decision making". Giuseppe Boriani (Chair of the Task force) IT, EHRA, Irina Savelieva UK UK , EHRA, Georghe Andrei Dan RU, EHRA, Marc Vos NL, EHRA, Deirdre Lane UK, EHRA, Jean Claude Deharo FR, EHRA, Angel Moya SP, EHRA, Carsten W Israel DE, EHRA, Gregory Lip UK, Chair of EHRA scientific documents committee, Mintu P Turachkia, US, HRS, Joseph Morton, AUS, APHRS, Gaetano La Manna (Nephrologist), IT and Charles Ferro (Nephrologist), UK.
- Co-author in "Position paper on liver and kidney diseases from the Italian Association for the Study of Liver (AISF), in collaboration with the Italian Society of Nephrology (SIN), <https://doi.org/10.1016/j.dld.2021.03.035>
- He has carried out numerous studies and trials in GCP

Research Activities

- Research activities regarding University projects, strategic projects, projects funded by organizations focused on Experimental Nephrology, Clinical Nephrology, Dialysis, Kidney Transplant.
- Author of over 250 original papers, chapters in books, monographies, abstracts. Speaker at national and international conferences. Speaker at several National and International Congresses.

The most relevant papers have been published in the American Journal of Kidney Disease, Nephrology Dialysis and Transplantation, Transplantation, Cell Transplantation, Annals of Transplantation, Nephron, American Journal of Nephrology, American Journal of Transplantation, American Journal of Kidney Disease, Artificial Organs, International Journal of Artificial Organs, PLOSone, Amyloid, Transplant International, In Vivo, Contributions to Nephrology, Blood Purification, Journal of Nephrology, Giornale Italiano di Nefrologia, Anticancer Drugs, J Transplant Technol Res, Therapeutic Apheresis and Dialysis, BMC nephrology, Transplantation Proceedings, Clinical genitourinary cancer, World J Stem Cells, Journal of Nephrology and others.

Professional assignments

- Contract as a Physician in the Nephrology, Dialysis and Renal Transplant Unit, St Orsola Hospital in Bologna since November 10th 1999
- Designation by an internal selection procedure of a management position ("posizione professionale ex-C-Alta Professionalità") in the Unit of Nephrology, Dialysis and Renal Transplant for the period January 1st, 2008-December 31st, 2011.

- Nominated as Head of the pre-transplant phase, December 1st, 2012.
- Director of Nephrology, Dialysis and Renal Transplant Unit (from 2014, November)

Clinical knowledge and abilities:

- Primitive glomerulonephritis, systemic diseases with renal impairment (Connectivitis, Diabetes, vasculitis). Nosographic framework of glomerular diseases through interpretation of renal biopsy. Pharmacological treatment of primary and secondary renal diseases and clinical monitoring of nephropatic patients.
- Hereditary kidney diseases. Management of patients with cystic kidney disease, kidney malformations, Alport syndrome, Fabry disease. Genetic investigations on patients and their family members.
- Kidney Transplant. Monitoring of patients immediately before and after renal transplant e during the follow-up.
- Chronic renal dysfunction. Monitoring of patients with CKD at different stages. Early treatment of major complications secondary to chronic renal failure: high blood pressure, fluid and electrolyte balance, acid-based balance disorders, anemia, disorders of mineral metabolism (CKD-MBD), neurological disorders (restless legs syndrome), metabolic disorders (metabolic syndrome, dyslipidemia).
- Management of patients on hemodialysis with both intermittent and continuous techniques. Dealing with clinical, metabolic and therapeutic problems concerning chronic dialysis patients.
- Managing of dialysis patient complications. Monitoring vascular access. Dealing with fistula and central venous catheter complications and their management (thrombosis, infection). Management of intradialytic complications (hypotension, arrhythmias, disequilibrium syndrome).
- Complications of kidney transplant patients. Follow up of transplanted patients and treatment of major immunological complications. Use of therapeutic protocols including suspension of steroid therapy and minimizing the dose of calcineurin inhibitors.
- Management of patients with acute kidney injury. Providing information on dialysis in acute patients, the choice of dialysis methods. Jugular and femoral central venous catheterization. Management of hemodialysis complications in the acute patient.
- Cardio-renal syndrome. Drug treatment and management of the hydro-saline balance. Setting up of ultrafiltration treatment through continuous and intermittent hemodialysis.

Bologna, July 5, 2021

Prof. Gaetano La Manna

