

Antonio J. Torres, MD, PhD

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Published online: 12 October 2017
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Dr. Antonio J. Torres is the present Chairman of the International Federation for the Surgery of Obesity and Metabolic Disorders (IFSO) Board of Trustees. Dr. Torres was born in Coin (Malaga), Spain and received his M.D. degree from Malaga University School of Medicine in 1978. He completed his residency training in General and Digestive Surgery in 1981 at the Carlos Haya University Hospital in Malaga (Spain). Dr. Torres then completed a residency in Thoracic Surgery at the Complutense University School of Medicine (Clínico San Carlos Hospital) in Madrid in 1986. Dr. Torres is certified by the Spanish Board of General and Digestive Surgery (1981) and Spanish Board of Thoracic Surgery (1986). In 1983, he was awarded his Ph.D. at the

Complutense University School of Medicine after defending his research: “Influence of somatostatin in peptic ulcer pathophysiology”.

After completing his training, Dr. Torres joined the staff of the General, Digestive and Thoracic Surgery Service at the Clínico San Carlos Hospital. In 1986, Dr. Torres became an Associate Professor of Surgery at the Complutense University of Madrid. In 2000, he became Professor of Surgery at the same University. At the present time, Dr. Torres is a Professor of Surgery at the Complutense University of Madrid, and Chief of the General and Digestive Surgery Service at the Clínico San Carlos Hospital.

In 1994 Dr. Torres earned a competitive International Fellowship from the American College of Surgeons, that allowed him to train in different university institutions in the United States including, the Washington University Medical Center, St. Louis, Missouri; the University of Washington School of Medicine, Seattle, Washington; the University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania; the Mayo Clinic, Rochester, Minnesota; the University of Pennsylvania Medical Center, Philadelphia, Pennsylvania; Memorial Sloan-Kettering Cancer Center of New York City, New York; the Massachusetts General Hospital, Boston, Massachusetts; the University of British Columbia de Vancouver, Canada; and the Creighton University School of Medicine in Omaha Nebraska.

In 1998, Dr. Torres obtained a grant from the Spanish Minister of Health to train in Tokyo, Japan (Toranomom Hospital, Prof. Akiyama) and the National Cancer Center (Prof. Naruke and Prof. Maruyama).

Dr. Torres current clinical interests include gastrointestinal hormones, intraabdominal infections, surgical oncology, video-endoscopic minimally invasive surgery (upper G-I procedures, hepatobiliopancreatic surgery, and thoracic surgery). He was one of the pioneers of the implementation of

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minimally invasive surgery in Spain and in Europe, taking part in the creation of the Spanish Video-Thoracoscopic Working Group (GCCVT-SEPAR) in 1993, and the Minimally Invasive Surgical European Panel (MISEP) in 1995.

Dr. Torres has many research interests including the investigation of the role of somatostatin in the treatment of upper gastro-intestinal bleeding and pancreatic fistulas (in two international clinical trials), the incorporation of newly developed antibiotics in intraabdominal infections management, the implementation of non-heart-beating donors in bilateral human lung transplantation and his role in the creation and development of the Bronchogenic Carcinoma Cooperative Group of the Spanish Society of Pneumology and Thoracic Surgery (GCCB-S).

However, over the last 25 years Dr. Torres's research and clinical practice have focused on Obesity and Bariatric/Metabolic Surgery. In the late 1980's, he started performing open biliopancreatic diversions (Scopinaro's procedure) and duodenal switches in superobese patients. Then, after the introduction of the laparoscopy into bariatric surgery, his Department began performing the laparoscopic Roux-en-Y gastric bypass, and laparoscopic duodenal switch. After becoming aware of the morbidity and mortality of the laparoscopic duodenal switch, Dr. Torres began performing the laparoscopic Sleeve Gastrectomy. After analysing the medium and long term results obtained with the Roux-en-Y gastric bypass, sleeve gastrectomy and duodenal switch, he and his team realised that for very overweight and/or very metabolically ill patients, the best results were obtained with the laparoscopic duodenal switch. Nevertheless, the laparoscopic duodenal switch was technically very complex, not easily reproducible, and may result in severe nutritional deficiencies. So, in 2007 he and Dr. Sánchez-Pernaute described a new surgical malabsorptive procedure: the Single Anastomosis Duodeno-Ileal with Sleeve Gastrectomy (SADI-s procedure). This procedure was noted to be a more metabolic approach than the standard Roux-en-Y gastric bypass, while less complex and malabsorptive than the duodenal switch. This contribution represented an important step forward in the surgical treatment of very overweight and very metabolically ill patients. Additionally, it would be an option for patients who fail achieve good results after sleeve gastrectomy.

Dr. Torres has authored or co-authored over two hundred and eighty peer-reviewed journal articles and 58 book chapters with over 450 national and international presentations and lectures. His Hirsh index is 32.

Furthermore, Dr. Torres has been an invited speaker on esophageal and weight loss surgery (mainly SADI-s procedure) by many national and international societies in Spain and in many countries including France, Italy, Germany, Romania, Switzerland, United Kingdom, Sweden, Norway, Russia, Poland, Austria, Czech Republic, Greece, Turkey, Israel, Saudi Arabia, Qatar, Kuwait, Bahrein, Dubai, USA, Canada, Mexico, Colombia, Chile, Argentina, Costa Rica, Venezuela, Cuba, Brazil, Peru, Ecuador, Japan, Australia, India and China. His research efforts have earned him 30 competitive research awards from different institutions: European Economic Community (EEC), Spanish National Institute of Health, and Carlos III Spanish Institute.

As a full Professor of Surgery Dr. Torres has received seven teaching awards at the Complutense University of Madrid Medical School. He directed and mentored 18 Doctoral Thesis. Throughout his career, he has been a tireless teacher, investigator and mentor. He trained many young Spanish and international surgeons. He has received many other Spanish and international prizes and honours, among them, the Giuseppe Grassy Prize from the Collegium Internationale of Digestive Surgery (1985). Furthermore, Dr. Torres serves on the editorial boards of Obesity Surgery, Surgery for Obesity and Related Diseases, Cirugía Española, Clinical and Translational Oncology, and Obesity Facts.

Dr. Torres is an active member of 28 national and international professional associations including IFSO, the American Society for Metabolic and Bariatric Surgery (ASMBS), American College of Surgeons, the European Association of Endoscopic Surgery and the Spanish Society of Surgeons (EAES), Spanish Society of Thoracic Surgery, Spanish Surgical Association, International Society for Diseases of the Esophagus (ISDE), International Society of Digestive Surgery, European Surgical Association, and International Surgical Society (ISS/SIC).

Dr. Torres served as President of Spanish Society of Metabolic and Bariatric Surgery (SECO) (2007-2011), as the European Representative on IFSO's General Council (2008-2011), as IFSO President (2011-12), and as Vice-Chairman of the IFSO Board of Trustees (2014-15). At present, he is the Chairman of the IFSO Board of Trustees (2015- present), and Governor of the American College of Surgeons Spanish Chapter (2015- present).

Dr Torres lives with his wife Maribel in Madrid. He has 3 adult children, Antonio, Pepe and Isabel. He enjoys visiting his birth town (Coin, Malaga, Spain), the Real Madrid soccer team and his family and friends.