





# Hybrid Professional Master's Degree

# Digestive Oncology

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h

We bsite: www.techtitute.com/pk/medicine/hybrid-professional-master-degree-hybrid-professional-master-degree-digestive-oncology

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# tech 06 | Introduction

Digestive tumors represent an important cause of morbidity and mortality in the population of both sexes. It is estimated that of the new cases of cancer detected each year, 26% are digestive tumors. The incidence of these has varied over the years. While that of stomach cancer has been decreasing, that of colon tumor has been increasing and is crowned as the digestive cancer with the highest incidence.

The continuous improvement and sophistication of imaging methods, the refinement of some surgical techniques, the increased hierarchization of certain pathological findings, the inclusion of molecular biology in clinical practice, the incorporation of personalized medicine, changes in many classical therapeutic approaches, technological advances for the administration of radiotherapy, the incorporation of immunotherapy and new combined modalities, new complications and sequelae of new treatments, are some of the factors that make the care of patients with digestive tumors an increasingly complex activity.

In order to respond to these new complexities and new demands, the Hybrid Professional Master's Degree in Digestive Oncology has been designed, with the participation of a group of excellent professionals who will make an innovative proposal aimed at improving and strengthening students' skills, helping personalized learning and creating a new generation of specialists in Digestive Oncology.

To this end, the program has been oriented to the knowledge of new standards, the acquisition of experience for a multidisciplinary vision, the contact with new treatments and the ability to recognize the cases in which it is necessary to cooperate with more complex health care centers.

Likewise, this program will allow you to develop, in real patients and in a hospital setting with state-of-the-art resources, your maximum potential and growth in the area of Digestive Oncology. You will approach patients with digestive pathologies using the latest techniques based on scientific evidence, and achieving results previously difficult to achieve.

This **Hybrid Professional Master's Degree in Digestive Oncology** contains the most complete and up-to-date scientific program on the market. The most important features include:

- Development of more than 100 clinical cases presented by experts in Digestive Oncology
- The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- Diagnostic-therapeutic developments in the assessment, diagnosis, and intervention in Digestive System Oncology
- It contains practical exercises where the self-assessment process can be carried out to improve learning
- Iconography of clinical and diagnostic imaging tests
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- With special emphasis on evidence-based medicine and research methodologies in Digestive System Oncology
- All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable device with an Internet connection
- In addition, you will be able to carry out a clinical internship in one of the best hospitals in the world





You are just a click away from adding to your studies the possibility of a clinical internship with the highest standards of quality and technological level in an elite hospital center"

In this Professional Master's Degree proposal, of a professionalizing nature and blended learning modality, the program is intended to update nursing professionals who develop their functions in high performance centers, clinical or hospital centers, and who require a high level of qualification. The content is based on the latest scientific evidence and is organized in a didactic way to integrate theoretical knowledge into nursing practice. The theoretical-practical elements allow professionals to update their knowledge and help them to make the right decisions in patient care.

The multimedia content developed with the latest educational technology will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive education program to learn in real situations. This program's design is based on Problem Based Learning, by means of which the student must try to solve different professional practice situations that will be presented throughout the program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

Take advantage of the opportunity to take an intensive 3-week program in a prestigious hospital center and acquire all the knowledge you need to grow personally and professionally.

Update your knowledge through the Hybrid Professional Master's Degree in Digestive Oncology, in a practical way and adapted to your needs.







# tech 10 | Why Study this Hybrid Professional Master's Degree?

## 1. Updating from the latest technology available

In recent years, multiple advances have been incorporated in the approach to the oncology patient. For this reason, this exclusive TECH program has condensed the maximum update in each of the essential topics to be mastered in the daily clinical practice of the specialist. Therefore, the medical professional will be able to choose the practice center that best suits his or her needs from a list of prestigious hospitals.

# 2. Gaining In-Depth Knowledge from the Experience of Top Specialists

TECH has chosen a complete team of professionals to design this program and also to accompany the specialist in the practical period. They will have a specifically designated tutor and will be able to see real patients in a state-of-the-art environment, which will allow them to incorporate the most effective procedures and approaches in Digestive Oncology into their daily practice.

# 3. Entering First-Class Clinical Environments

Thanks to the agreements established with reference hospitals in the area of oncology care, both inside and outside the country, the specialist will have guaranteed access to a prestigious clinical environment with the latest technology. In this way, you will be able to implement all your techniques and incorporate the new ones acquired in this study, in order to perfect your approaches and interventions.





# Why Study this Hybrid Professional | 11 tech Master's Degree?

# 4. Combining the Best Theory with State-of-the-Art Practice

TECH offers a new learning model, with this Hybrid Professional Master's Degree that combines theory with 100% practical experience. Thus, the professional will be able to take part in state-of-the-art procedures in the field of Digestive Oncology together with the best doctors in a modern environment equipped with all the necessary resources to broaden his vision and work method.

# 5. Expanding the Boundaries of Knowledge

This innovative study system puts you at the forefront of a useful and practical methodology, according to the reality and needs of today's population. The specialist will be able to expand their frontiers and work spaces in the area of Digestive Oncology, sharing with professionals from different countries and, in addition, performing internships in centers in other locations, even generating an environment of internationalization.



You will have a total practical immersion in the center of your choice"





# tech 14 | Objectives



# **General Objective**

Creating a global and updated vision of Digestive Oncology is the main purpose of this
Hybrid Professional Master's Degree, however, it is not the only one, as it goes beyond.
Through the offer of the best theoretical content and the possibility of a practical stay
in a prestigious clinic, the specialist will be able to implement the most exhaustive and
innovative information related to immunotherapy as a clear example of scientific
progress and as one of the most promising lines of research in the treatment of cancer



You won't find a more comprehensive medical program than this one, allowing you to get up to speed on advances in pancreatic cancer treatment through your own hands-on experience"





# **Specific Objectives**

# Module 1. Molecular Biology and Translational Oncology

- Update knowledge in the molecular biology of cancer, especially in relation to the concept of genetic heterogeneity
- Expand knowledge on microenvironment reprogramming in digestive tumors, the role of the immune response in cancer control, circulating biomarkers and tissue molecular markers

## Module 2. Upper Gastrointestinal Tract Tumors

- Review the performance and usefulness of each of the tests used in the diagnosis of oesophageal and gastric tumours
- Describe the usefulness and performance of PET/CT with F18-FDG in the diagnosis, staging, treatment control and monitoring of esophageal tumors
- Describe the evolution of surgical techniques up to minimally invasive and robotic surgery
  that allow complex interventions to be performed with small incisions, preserving tissues
  as much as possible, accelerating recovery and providing less discomfort
- Update knowledge on adjuvant and neoadjuvant management of esophageal and gastric cancer
- Know the National Registry of Advanced Gastric Cancer (AGAMENON)
- Develop appropriate treatment plans for patients with esophageal and gastric cancer that has progressed after initial treatment
- Determine the positioning of antiangiogenic agents to treat stomach cancer





#### Module 3. Lower Gastrointestinal Tract Tumors

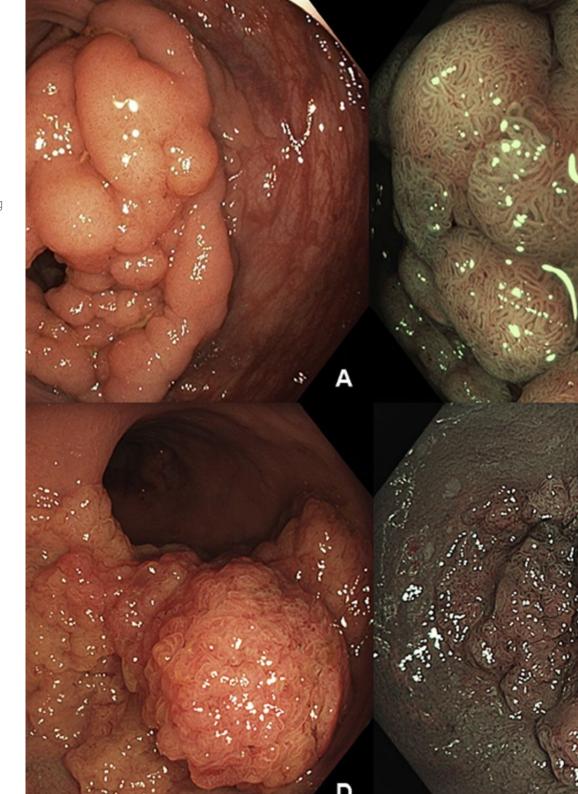
- Know the screening program for colon and rectal cancer and estimate the population susceptible to be screened in Spain and by autonomous community
- Analyse the effectiveness of different tests proposed for colon and rectal cancer screening
- Update knowledge on the molecular biology of colon cancer and its impact on classification and treatment

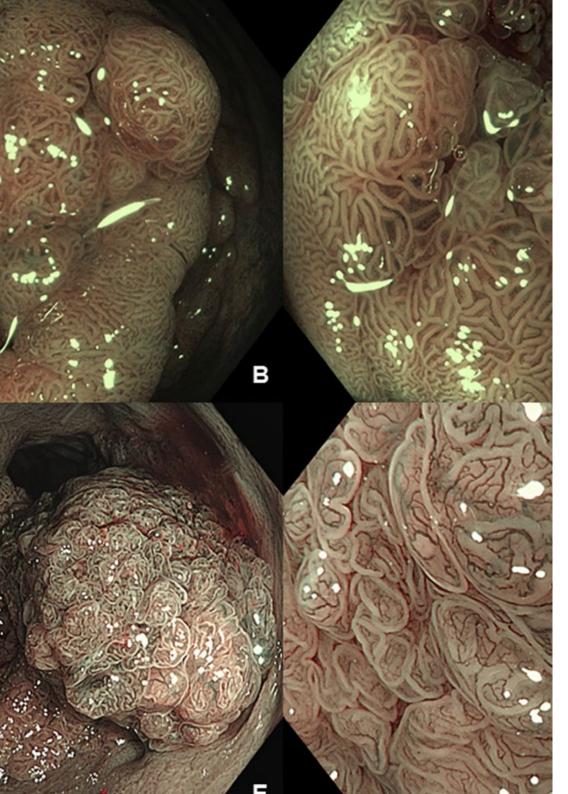
## Module 4. Other Digestive Tract Tumors

- Learn the new therapeutic arsenal used to manage the main comorbidities of patients with digestive tumors
- Know the therapeutic objectives in order to avoid poor control, therapeutic interactions or overtreatment

## Module 5. Pancreatic Cancer, Biliary Tract Tumors and Hepatocarcinoma

- Define the epidemiology, risk factors and diagnosis of pancreatic cancer and hepatocarcinoma and their value in clinical practice
- Delve into the imaging tests for the diagnosis and staging of pancreas cancer Discuss
  the multidisciplinary management of pancreatic, biliary tract and hepatocarcinoma cancer
  and future treatment options
- Discuss the role of surgery for pancreatic, biliary tract and hepatocarcinoma cancers
- Update treatment of advanced pancreatic, biliary tract and hepatocarcinoma cancer





## Module 6. Collaboration in the Management of Oncology Patients

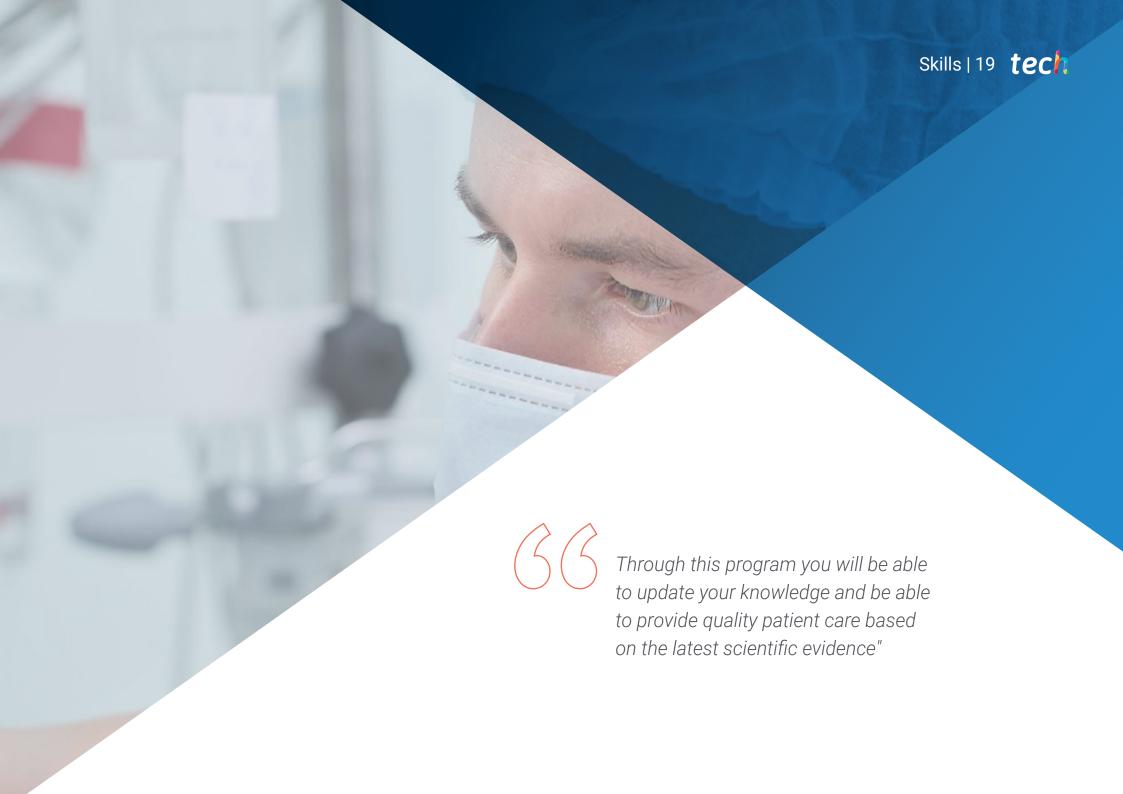
- Assess the impact of age on patient prognosis and treatment outcomes
- Raise awareness as to how excellent care must be continuous and move toward integrated care models including other specialists, particularly in primary care
- Explain the Enhanced Support Care strategy, developed by the Christie NHS Trust, to better adapt patient care to the changing landscape of cancer

## Module 7. From Clinical Management to Networking

- Describe the advantages of the collaborative world that will help to network and improve clinical management
- Describe the vision of the emergency physician and how the detection of frequenters is a sign that can help improve the organizational model
- Explain the different online platforms available that can help us to follow up patients and create a professional network
- Learn the basics of decision support systems that facilitate decision making in complex contexts



Upon completion of the curriculum outlined for this program in Digestive Oncology, the specialist will have acquired the necessary skills to intervene more effectively and accurately in cases of Pancreatic Cancer, Biliary Tract Tumors and Hepatocarcinoma, as well as other tumors of the gastrointestinal tract. In addition, to update the knowledge of Molecular Biology and Translational Oncology and new methods of working in a multidisciplinary team in a modern setting.



# tech 20 | Skills



# **General Skills**

- Possess and understand knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, often in a research context
- Apply acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study
- Integrate knowledge and face the complexity of making judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities related to the application of their knowledge and judgments
- Know how to communicate conclusions, knowledge, and supporting arguments to specialized and non-specialized audiences in a clear and unambiguous way
- Broaden learning skills that will enable further studying in a largely self-directed or autonomous manner







# **Specific Skills**

- Discuss the multiple controversies that currently arise in the treatment of colorectal cancer, such as Laparoscopic vs. Learn robotics, total mesorectum excision or liver metastases management
- Update knowledge on adjuvant and neoadjuvant treatment of colon and rectum cancer
- Master the latest advances in translational research with practical implications in cancer management
- Learn about advances in personalized management of colon cancer based on the growing understanding of molecular biology
- Identify the recent incorporation of immunotherapy in the management of colon cancer and how it will change the diagnostic and therapeutic approach



Update your skills in the diagnostic and therapeu diagnostic and therapeutic approach to the digestive cancer patient"





# Management



## Dr. Mauro Javier Oruezábal Moreno

- Head of the medical Oncology Service at La Paz University Hospital since 2017
- Doctor of Medicine from the Complutense University Madrid (UCM)
- Master's Degree in Bioinformatics and Biostatistics from the Universitat Oberta de Catalunya
- Master's Degree in Bioinformatics Analysis, Pablo de Olavide University
- · Research Fellow at University of Southampton
- Graduate in Medicine and Surgery from the Universidad de Navarra
- Member of the Spanish Society of Medical Oncology, the Spanish Group of Digestive Tumors (TTD)



# Dr. José Miguel Esteban López-Jamar

- Head of the Endoscopy Unit, San Carlos University Clinical Hospital, Madrid
- PhD in Medicine and Surgery, Complutense University of Madrid, Outstanding Cum Laude Qualification
- Training at the AMC in Amsterdam, Paoli Calmettes Institute in Marseille and at the Horst-Schmidt-Kliniken in Wiesbaden (Germany)
- Professor and member of the Scientific Advisory Committee of the University Specialization Course in Endoscopic Ultrasonography of the UOC
- Member of the Spanish Society of Digestive Pathology, Asociación Castellana de Aparato Digestivo, Spanish Society
  of Digestive Endoscopy, European Society of Gastrointestinal Endoscopy, Honorary Member of the Ecuadorian Society
  of Gastroenterology



# Dr. Carmelo Loinaz Segurola

- Chief of Section of General and Digestive System Surgery, Doce de Octubre University Hospital
- Head of the General Surgery Unit, Alcorcón University Hospital, Madrid
- Degree in Medicine and Surgery, Navarra University
- Specialist in General and Digestive System Surgery, Doce de Octubre University Hospital
- Doctor of Medicine and Surgery, Complutense University of Madrid, qualification Outstanding Cum Laude
- Associate Professor in the Health Sciences Department. Accredited as a Full Professor by ANECA
- Master's Degree in Medical and Clinical Management, UNED and School of Health Carlos III Institute
- Coordinator of Humanitarian Collaboration Group, AEC
- Member of the Spanish Association of Surgeons, Spanish Society of Parenteral and Enteral Nutrition, American College
  of Surgeons, Spanish Society of Transplantation, Spanish Society of Liver Transplantation, European Society of Organ
  Transplantation, The Transplantation Society (IRTA section, Intestinal Rehabilitation and Transplant Association), IASGO
  International Society of Surgeons, Gastroenterologists and Oncologists (ISDE, International Society of Diseases of the
  Esophagus ISDE() and of the

# **Professors**

### Dr. Fernando Rotellar Sastre

- Director and Digestive in the General Surgery Departments, Clínica Universitaria de Navarra
- Surgeon of in Bariatric and Metabolic Surgery
- Doctor of Medicine, UPNA
- European Board of Surgery (EBS) Qualification in Transplantation Surgery
- European Board of Surgery (EBS) Qualification in Hepato-Biliary or Pancreatic Surgery

# Dr. Manuel Vázquez Romero

- Specialist Doctor in the Gastroenterology Service, University Hospital San Carlos, Madrid
- Degree in Medicine
- Specialist in Gastrointestinal Surgery

# Dr. Vicente Vega Ruiz

- Specialist in the General Surgery Unit, Puerto Real University Hospital
- PhD from the University of Cadiz

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#### Dr. Daniel Rueda Fernández

- Head of the Biomarker Discovery and Pharmacogenomics Unit at PharmaMar
- Head of Genetic Studies in Hereditary Cancer at the 12 de Octubre. University Hospital
- Molecular Biologist at Gemolab S.L.
- Research Scientist at Sylentis
- Dr. in Biochemistry and Molecular Biology from the Complutense University of Madrid (UCM)
- Degree in Biochemistry Medicine from the Complutense University of Madrid (UCM)

#### Dr. Ana Isabel Ruiz Casado

- Physician in the Medical Oncology Service, Puerta del Mar University Hospital
- Honorary professor and collaborator in the Department of Medicine of the UAM Collaborating lecturer at the UEM
- Ph. D. of Medicine, UDC
- Specialist in Medical Oncology at the 12 de Octubre University Hospital
- Member of the Breast Cancer Commission of the Puerta de Hierro University Hospital

#### Dr. Carla Senosiain Lalastra

- Specialist Doctor in the Gastroenterology Service, Ramón y Cajal Hospital, Madrid
- Expert in Viral Hepatitis, Colorectal Cancer and Endoscopy
- Degree in Medicine and Surgery
- Especialista en Gastroenterología y Hepatología

#### Dr. Luis Sabater Ortí

- Head of Section at the Hepatobiliopancreatic Surgery Unit of the Hospital Clínico de Valencia
- Coordinator of the HBP Tumor Committee of the Hospital Clínico de Valencia

- FEA of the Department of the Hepatobiliopancreatic Surgery and Peritoneal Carcinomatosis Unit of the Hospital Clínico de Valencia
- FEA of the Pancreatic Surgery and Pancreas Transplant team at Hospital Clínic de Barcelona
- University Professor in Health Sciences at the UV as a professor attached to the Department of Surgery
- Doctor of Medicine, UB
- European Board of Hepato-Bilio-Pancreatic Surgery

#### Dr. Araceli Sabino Álvarez

- FEA of the Medical Oncology Service at the University Hospital Puerta del Mar
- FEA of Medical Oncology at Hospital Nisa Sevilla Aljarafe
- Degree in Medicine and Surgery
- Specialized in Medical Oncology
- Co-author of the 27th chapter of the 3rd edition of the SEOM Manuel on Continuing Care
- Co-author of several scientific articles related to thrombotic events in patients with tumors

## Dr. Roberto Díaz Beveridge

- Assistant to the Medical Oncology Department at the Hospital Universitari i Politècnic La Fe
- Medical Oncology Resident tutor, La Fe Polytechnic University Hospital
- Doctor of Medicine, Autonomous University of Barcelona
- Principal Investigator of the Clinical Trial of New Therapies in Neoplasms

#### Dr. Barbara Salas Salas

- FEA in Radiation Oncology at the University Hospital Doctor Negrin of Gran Canaria
- FEA in Radiation Oncology at the University Hospital of Gran Canaria
- Specialist in Radiation Oncology at the Recoletas Oncology Institute
- Professor at the Official School of Radiotherapy Technicians of the University Hospital Gregorio Marañón
- Ph. D. in Biomedical Sciences from UCM
- Master's Degree in HIV and Viral Hepatitis from the UCM

#### Dr. Andrés Sánchez Pernaute

- Chief of Section of General and Digestive System Surgery, Puerta del Sur University Hospital
- Chief of Section of General and Digestive System Surgery, HM Madrid University Hospital
- Head of Section of Digestive Surgery at the Hospital Clínico San Carlos
- FEA Cirugía General en el Hospital Virgen de la Torre
- FEA General and Digestive Surgery at the University Hospital Principe de Asturias
- Specialist Surgeon in Gastroesophageal and Morbid Obesity Surgery at Quirón University Hospital
- Associate Professor at UCM

#### Dr. Ezra Honan Roiz Andino

- Physician specialized in Geriatric Patient Care
- Medical specialist with experience in senior centers
- Degree in Medicine from the University of Valencia
- Database creation expert

# Dr. Julio Santoyo

- Head of General Surgery Service, Carlos Haya Regional Hospital
- Head of the Advanced Surgery at Vithas de Malaga Hospital
- Headline Professor of Surgery at UMA
- Researcher and member of the Board of Transplantation Surgery (UEMS)
- Doctor in General Surgery and Digestive System by the UCM
- Expert in Open and Minimally Invasive (Laparoscopic) Surgery of the Liver, Bile Ducts and Pancreas

# Dr. Ángel Agustín Segura Huerta

- Head of the Hereditary Cancer Genetic Counseling Unit at the University Hospital La Fe
- Clinical Geneticist and Genetic Counselor
- Researcher in the area of Clinical and Translational Cancer Studies
- Endocrinology and Nutrition Service Physician at the La Fe University and Polytechnic Hospital
- Degree in Medicine and Surgery

#### Dr. Ruth Vera García

- Head of the Medical Oncology Department at the University Hospital of Navarra
- Oncobiona researcher at the Navarrabiomed Biomedical Research Center
- President of the Spanish Society of Medical Oncology (SEOM)
- Degree in Medicine
- Specialist in Clinical Oncology
- Author of several academic articles related to the Oncology Area

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# Dr. Alejandro Serrablo

- Chief of the Hepatobiliopancreatic Surgery Section at the University Hospital Miguel Servet. Zaragoza, Spain
- Specialist in the General Surgery Service at the Hospital Lozano Blesa University Clinic
- Member of the General Council of the Scientific Committee
- European Association of HPB Surgery Researcher
- Awarded European Board Surgical Qualification Hepatopancreatic Biliary Surgery
- Author of several scientific articles related to surgery

# Dr. Andrés Valdivieso López

- Specialist in Surgical, Digestive and Renal Area
- Head of the HPB Surgery and Liver Transplant Unit at the University Hospital Cruces in Bilbao
- Head of Service in General Surgery and Gastroenterology at Galdakao Hospital
- Full Professor of Surgery at the UPV/EHU
- Doctor of Medicine and Surgery, UPV/EHU
- Degree in Medicine and Surgery
- Specialized in General Surgery at Cruces Hospital
- European Board in Liver Transplantation

## Dr. María Aurora Viloria Jiménez

- Geriatrics Palliative Care Unit Specialist
- Specialist in Palliative Care at the Hospital Clínico San Marcos. Madrid
- Associate Professor of Health Sciences at the Universidad Carlos III. Madrid
- Degree in Medicine and Surgery





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### Dr. Manuel Valladares Ayerbes

- Specialist in the Medical Oncology Department of the University Hospital Virgen del Rocío
- Specialist in Medical Oncology at the University Hospital Virgen del Rocío
- · Visiting Researcher at The Norwegian Radium Hospital
- Assistant Physician in the Medical Oncology Service, A Coruña University Hospital
- Assistant Physician in the Medical Oncology UGC Service, Reina Sofía University Hospital
- Doctor of Medicine, UDC
- Degree in Medicine and Surgery from the US
- Master's Degree in Molecular Oncology in the National Cancer Research Center and the European School of Oncology

## Alejandro Velastegui Ordoñez

- Oncologist at the Rey Juan Carlos University Hospital. Spain
- Rotation at the Digestive Tumors Clinical Research Unit at the Spanish National Cancer Research Center (CNIO)
- Specialist in Intensive Care Medicine, Gregorio Marañón General University Hospital
- Specialist in Medical Oncology at Fundación Alcorcón University Hospital
- Degree in Medicine from the University Catholic of Santiago de Guayaquil

# Dr. Adeva Alfonso, Jorge

- Medical Oncology Department. Care and clinical research activity in the Digestive Tumour Unit and in the Family Cancer Unit
- Member of the Research Ethics Committee (CEI)
- ENS-CCA (European Network for the Study of Cholangiocarcinoma) Contributing member
- Spanish Society of Medical Oncology. Seconded member
- TTD Group (Treatment of Digestive Tumours). Partner

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#### Dr. Cristina Vicente Martín

- Associate Chief of the Internal Medicine Department of the Palliative Care Unit at the Rey Juan Carlos University Hospital
- Specialist in Internal Medicine at the Hospital General Universitario Nuestra Señora del Prado, Madrid
- Specialist in Internal Medicine at the University Hospital Severo Ochoa with attention in the Acute Palliative Care Unit
- Specialist in Palliative Care at the San José Institute Foundation
- Specialist Areas in Palliative Care the Rey Juan Carlos University Hospital, Madrid
- Area Specialist in Internal Care Medicine at the Infanta Elena University Hospital
- Associate Professor at the Alfonso X el Sabio University
- Specialty in Internal Medicine at Severo Ochoa University Hospital
- Master's Degree in Palliative Medicine and Supportive Care of the Cancer Patient from the Autonomous University of Madrid
- Master's Degree in Design and Statistics in Health Sciences from the Autonomous University of Barcelona

#### Dr. Juan Vila Costas

- Chief of the Endoscopy Section at the University Hospital of Navarra, Spain
- Specialist in Gastroenterology and Digestive System Treatment
- Degree in Medicine
- Author of several articles for national and international scientific media

#### Dr. Emilio Vicente

- Director of the General and Digestive Surgery Service at the University Hospital HM Sanchinarro. Madrid
- Head of the Organ Transplant Unit at the Ramón y Cajal University Hospital
- Head of the General Surgery La Section at the Ramón y Cajal University Hospital
- Professor in Surgery at the CEU San Pablo University
- Associate Professor of Surgery at the University of Alcalá, Spain
- Doctorate in Medicine and Surgery from the University of the Basque Country/Euskal Herriko Unibertsitatea (UPV/EHU)
- Specialist in General Surgery at Nuestra Señora de Aránzazu Hospital
- Numerary member of the Spanish Medical-Surgical Academy

#### Dr. Paula Richart Aznar

- Specialist of the Medical Oncology Service at the Hospital Universitari i Politècnic La Fe
- FEA of Unit B: Digestive Tumors, Musculoskeletal Tumors, Skin Tumors, Metastases of Unknown Origin, Endocrine and Neuroendocrine Tumors and Germinal Tumors at La Fe Hospital
- Assistant Physician of Medical Oncology at the Valencian Institute of Medical Oncology
- Assistant Physician of Medical Oncology at Manises Hospital
- Member of the Spanish Society of Medical Oncology (SEOM), the Spanish Multidisciplinary Group on Digestive Cancer (GEMCAD) and the Spanish Group on Cancer of Unknown Origin (GECOD)

# Dr. Ángel Barturren Barroso

- · General Surgeon in surgeries and hospitals in Biscay
- Head of the Endoscopy Service, Cruces University Hospital Vizcaya
- Member of: the Spanish Society of Digestive Pathology

### Dr. Luis Alejandro Weber Sánchez

- Director of Advanced Laparoscopic Surgery at Hospital Ángeles de las Lomas
- Specialist in General: Surgery at the General Hospital of Mexico
- Consultant Specialist in Laparoscopic Surgery at the General Hospital of Mexico
- Dr. in Health Sciences from Universidad Anáhuac. Northern Mexico
- Diploma in Innovations from Universidad Anáhuac. Technology for the 21st Century Teacher
- Master's Degree in Bioethics from the Institute of Humanities of the Universidad Anahuac
- Master's Degree in Teacher Training, University Anáhuac
- Certificate Recovery Specialist by the Grief Recovery Institute
- Professor of the program of Basic Surgery Course in Accidents and/or latrogenies in Endoscopic Surgery by Johnson & Johnson Medical Mexico
- Speaker of the Basic Course of Laparoscopic Surgery in Cholangiography and Biliary Tract Management at the Professional Support Center by Johnson & Johnson Medical
- Professor of the II Basic Course of Laparoscopy in Cholangiography and Biliary Tract Management at the Mexican Association of Laparoscopic Surgery by Johnson & Johnson Medical Mexico
- Author of the book Manual de Endosutura, by Johnson & Johnson Medical Mexico. 1a.
   Ed. México, D. F

# Dr. Alberto Álvarez Delgado

- Attachments Clinical University Hospital of Salamanca
- Gastroenterology Service, University Hospital of Salamanca
- Digestive doctor at Policlínicas Hospital General de la Santísima Trinidad
- Specialist in advanced endoscopic and digestive system techniques
- Member of Scientific Committees of Spanish Digestive and Endoscopy Societies
- Degree in Medicine and Surgery from the University of Salamanca

# Dr. Miguel Yebra Yebra

- Specialist in Internal Medicine at the Ramón y Cajal University Hospital
- Internist at Quirónsalud. Madrid
- Internal Medicine Specialist at the University Hospital Rey Juan Carlos, Madrid, Spain
- Degree in Medicine and Surgery from the University of Alcalá de Henares
- Specialty of Internal Medicine at the 12 de Octubre University Hospital
- More than a dozen publications in scientific journals
- Co-author of more than a dozen books and chapters related to the Medical Area

#### Dr. Alonso Casado, Oscar

- Chief of Hepatobiliopancreatic Surgery at MD Anderson Cancer Center Hospital Madrid
- Specialist in the General and Digestive Oncology Surgery Service at MD Anderson Cancer Center Madrid, collaborating in the Thoracic Surgery Unit and Plastic Surgery Unit
- Assistant Surgeon at Quirónsalud Sur and El Escorial hospitals
- Clinical Tutor in Practical Teaching at UFV and MD Anderson Cancer Center Madrid
- Degree in Surgery and Medicine from the UCM
- Qualified in Console Surgery on the Da Vinci Xi Robotic System

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#### Dr. Bertomeu García, Agustín

- Section of Esophagogastric Surgery
- General Surgery Service at the University Hospital of Getafe
- Doctor of the Central Hospital of the Red Cross San Jose and Santa Adela

#### Dr. María Teresa Betés Ibáñez

- Gastroenterology Service, Navarra University Clinic
- Degree and PhD in Medicine from the University of Navarra
- Specialist in Digestive System by the Clínica Universidad de Navarra
- Researcher Specialised in the area of Gastroenterology
- Member of the Editorial Committee of the Spanish Journal of digestive diseases

#### Dr. Boan García, José Francisco

- Head of the Molecular Imaging Unit, Ruber International Hospital, Madrid
- Radiodiagnosis Specialist
- Researcher expert in Radiology in oncology patients

### Dr. Cacho Lavín, Diego

- Physician in the Medical Oncology Service, Marqués de Valdecilla University Hospital
- Digestive System Specialist
- Degree in Medicine

# Dr. Alberto Carmona Bayonas

- Medical Oncology Service, Morales Meseguer University Hospital, Murcia, Spain
- Medical Hematology and Oncology Service, Morales Meseguer University Hospital.
   Murcia, Spain

#### Dr. Elia Del Cerro Peñalver

- Head of the Radiation Oncology Department, QuirónSalud Hospital, Madrid
- Specialist Pioneers in Radiation Oncology
- Stays at Princess Margaret Hospital in Toronto (Canada) and at MD Anderson Cancer Center in Houston (University of Texas, USA)

#### Dr. Abradelo, Manuel

- General and digestive surgeon at the Digestive and General Surgery Unit
   Vithas CMED. Hospital Vithas Madrid La Milagrosa, as well as Head of the
   Hepatobiliopancreatic Surgery Unit.
- Assistant of the Department of Hepatobiliopancreatic Surgery and Abdominal Organ Transplant (liver transplant, pancreas transplant and intestinal and multivisceral transplant) at the Hospital General Universitario 12 de Octubre in Madrid
- Member of the International Hepato-Pancreato-Biliary Association (IHBPA)
- Member of Association for the Study of the Liver(BASL)
- Member of Spanish Society of Liver Transplantation
- Member of Spanish Transplants Society

## Dr. Antonio De Lacy

- Head of the General Surgery Department at the Hospital Clínic de Barcelona
- Director of the Lacy Surgical Institute (IQL)
- Specialist in Gastrointestinal Surgery

#### Dr. Rodolfo Chicas Sett

- Radiation Oncologist at ASCIRES
- Consultant Oncology Editor at FESEO
- Department of Radiation Oncology, Las Palmas Dr. Negrin University Hospital
- Dr. in Philosophy medicine at the Catholic University of Valencia San Vicente Martir
- Postgraduate Diploma in Oncology from the University of Navarra
- Master's Degree in Immuno-Oncology from the Universidad Rey Juan Carlos

#### Dr. Emilio Del Valle Hernández

- Head of General and Digestive Surgery Service, Clinical Hospital Barcelona
- Chief of the Urology Department, Gregorio Marañón Hospital
- Associate Teacher of Surgery in UCM
- Doctor of Medicine, UCM

#### Dr. Ana A. Díaz Gavela

- Assistant Physician of the Treatment Oncology Department, Jaen University Hospital
- Specialist in Radiotherapeutic Oncology In the Hospital La Princesa Hospital
- Specialist in Brachytherapy techniques
- University Lecturer
- Degree in Medicine and Surgery from the USC
- Member of: The Spanish Society for Radiation Oncology, European Society for Radiotherapy & Oncology, Spanish Research Group in Neuro-Oncology, Spanish Group of Immuno-Biological Therapies in Cancer, Multidisciplinary Research Group in Radiation Oncology

# Dr. José Ángel Díaz Pérez

- Medical Specialist in Endocrinology and Nutrition at San Carlos Clinical Hospital
- Vice President of the Spanish Group of Neuroendocrine and Endocrine Tumors (GETNE)
- Degree in Medicine and Surgery from the University of Santiago de Compostela
- PhD in Internal Medicine from the Complutense University of Madrid
- · Master's Degree in Clinical Management
- Member of the Tumor Committee at San Carlos Clinical Hospital

#### Dr. Ismael Díez del Val

- Head of the Esophagogastric and Bariatric Unit at the University Hospital of Basurto
- ACS Oesophago-gastric Surgery Coordinator
- ACS esophago-gastric surgery coordinator (2019 to present)
- Expert in Emerging Viruses from SECO
- Member of La Spanish Society of Obesity Surgery

### Dr. Leonaldson Dos Santos Castro

- Oncological Surgeon of the Abdominopelvic Surgery Section of INCA-RJ (National Cancer Institute)
- Doctor of Medicine in General Surgery in the Abdominal Sector from the Federal University of Rio de Janeiro
- Member of Americas Hepato-Pancreato-Biliary Association

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### Dr. Joan Fabregat Prous

- Head of the General Surgery Section, Bellvitge university Hospital
- Head of Lower Extremities Unit
- Principal Investigator of the Hepatobiliopancreatic Pathology Research Group at the Bellvitge Biomedical Research Institute (IDIBELL)
- Winner of the "Pere Virgili" prize of the Catalan Society of Surgery

## Dr. Angélica Figueroa Conde-Valvís

- Coordinator of the Epithelial Plasticity and Metastasis Group at the Institute of Biomedical Research of A Coruña
- Stays at the National Institute of Health in the USA. and Australia
- PhD in Biology Molecular from the Autonomous University of Madrid (UAM)
- Degree in Biology Medicine from the Complutense University of Madrid (UCM)

#### Dr. Dulce M. Cruz Santamaría

- Doctor in the Gastroenterology Service, University Hospital San Carlos, Madrid
- Digestive System Researcher
- Degree in Medicine

# Dr. Miguel Luis Cabrera Gonzalez

- Head of IT, Hospital Universitario Son Espases Palma de Mallorca, Spain
- Degree in Medicine and Surgery
- Senior Engineer of Computer Science

#### Dr. Ana Belén Custodio Carretero

- Medical Oncology Department at Postgraduate Certificate La Paz Research Institute of Hospital, IdiPAZ
- Researcher in Neuroendocrine Tumours
- Advanced Studies Diploma from the Complutense University of Madrid
- Degree in Medicine and Surgery from the Complutense University of Madrid
- Member of: The Board of President of the Spanish Group of Neuroendocrine and Endocrine Tumors (GETNE)

#### Dr. María del Rosario Burón Fernández

- Medical Director Internal Medicine Department, Infanta Cristina University Hospital
- Specialist in Internal Medicine
- Degree in Medicine and Surgery

#### Dr. José María Fernández Cebrián

- Chief Department of General and Digestive System Surgery, Ramón y Cajal Hospital. Madrid
- Specialist in General and Digestive System Surgery
- Collaborator of the General and Digestive System Surgery Department. (Team of Dr. J.A. Pascual) of the CEMTRO Clinic
- General Practitioner in in Public Social Security Systems for Member States European Communities
- Management and Directing and Clinical Units
- Advanced Programme in Management in Health Institutions. III Edition of the University of Navarra at IESE Business School



#### Dr. Francisco Botella Romero

- Head of the Endocrinology and Nutrition Service at the Albacete University Hospital Complex and Integrated Care Management
- · Assistant Physician at the Puerta de Hierro Clinic
- Specialist in Endocrinology and Nutrition
- Coordinator of the Nutrition Area, Spanish Society of Endocrinology Nutrition

#### Dr. Javier Ibáñez Aguirre

- Head of the General Surgery Service, Galdakao Hospital, Vizcaya
- Research Fellow in Surgical Intervention for Oncology Patients
- Degree in Medicine

# Dr. Constantino Fondevila Campo

- Chief Cardiology Service of General and Digestive System Surgery, Doce de Barcelona University Hospital
- Specialist Speaker on Liver Transplantation and Hepatobiliopancreatic Surgery at World Congresses
- Author of 120 articles Public in national international journals
- National Surgery Award from the Spanish Association of Surgeons
- Degree in Medicine from the University of Navarra
- Selected as International Guest Scholars by the American College of Surgeons

#### Dr. Pablo Galindo Jara

- Head of the General and Digestive System Surgery Department at La Luz Quirón Hospital Madrid
- President for the Digestive Tumors Committee at La Paz University Hospital
- Member of the Oncology Committee of the University Hospital of Torrejón
- Finalist in the VI Albert Jovell Awards as the most relevant health professional in the field of oncology
- Degree in Medicine

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### Dr. María Teresa García-Baquero Merino

- Regional Coordinator of Palliative Care in the Community of Madrid
- Author of articles and research published nationally and internationally
- Medical Education Award from the Lilly Foundation Complutense University of Madrid
- Degree in Medicine and Surgery from the University of Extremadura
- Master in Palliative Care, University of Keele in United Kingdom

### Dr. Diego Hernández García-Gallardo

- General and Digestive System Surgeon at Hospital Quirónsalud San José
- Specialist Physician in the Department of General Surgery, Digestive System and Abdominal Organ Transplant at the Hospital Universitario 12 de Octubre. Madrid
- Author of the book Surgery in War: Therapeutic Milestones Throughout the History of Warfare
- PhD in Medicine from the Complutense University of Madrid with the thesis Multivariate analysis of graft loss in adult orthotopic liver transplantation

# Dr. Álvaro García-Sesma Pérez

- Specialist in General and Digestive System Surgery at the "Gómez Ulla" Central Defense Hospital
- Operating Room Members in the Abdominal Organ HBP Surgery and Transplant Unit at the 12 de Octubre University Hospital
- Author of, monographs and articles in national and international journals
- Keynote speaker at congresses, conferences, round tables, symposia and courses worldwide

- PhD from the Complutense University of Madrid
- Degree in Medicine and Surgery from the Autonomous University of Madrid
- Member of Spanish Association of Surgeons, Spanish Society for the Surgery of Morbid Obesity and Metabolic Disorders (SECO), International Federation for the Surgery of Obesity and Metabolic Disorders (IFSO), Transplantation Society, Spanish Society of Transplantation, Spanish Society of Liver Transplantation

## Dr. Luis González Bayón

- General Surgeon at the Gregorio Marañón General University Hospital,
- Director of the Malignant Peritoneal Disease Programme at the Hospital General Universitario Gregorio Marañon
- Member of the Adult Clinical Liver Transplant Group at the Hospital General Universitario Gregorio Marañón
- Member of the Advanced Oncological Surgery Group for Abdominal and Pelvic Tumours at the Hospital General Universitario Gregorio Marañón
- Fellowship funded by the International Union Against Cancer (UICC) for the Study
  of Malignant Peritoneal Disease in the Department of Surgical Oncology at the Washington
  Cancer Institute with Dr. Paul H. Sugarbaker
- European Board of Surgery Qualification in Surgical Oncology of the European Society for Surgical Oncology. Paris
- PhD with Cum Laude from the Complutense University of Madrid with the thesis Role of macrophages in the development of liver metastases in colon cancer. Experimental study in rats
- Associate Teacher of Upper Urinary at the Complutense University of Madrid

#### Dr. Mariano González-Haba Ruiz

- Physician Specialist in the Gastroenterology and Hepatology Service of the University Hospital Puerta de Hierro. Majadahonda
- Member of the Endoscopy Unit of the Puerta de Hierro University Hospital
- Specialist in the Gastroenterology and Hepatology Service at MD Anderson Cancer Center
- Degree in Medicine from the Autonomous University Madrid

#### Dr. Joan Gornals Soler

- Head of the Endoscopy Service, Bellvitge University Hospital Barcelona, Spain
- Digestive System Specialist
- Doctor at Centro Médico Teknon
- Doctorate in Medicine from the University of Barcelona

# Dr. Maite Herráiz Bayod

- Head of the Unit of Prevention and High Risk of Digestive Tumors, Clínica Universitaria de Navarra
- President of the Immunology Committee of the Spanish Society of Digestive Endoscopy (SEED)
- Postdoctoral fellowship at the High Risk Digestive Tumor Clinic of the Massachusetts General Hospital at Harvard University
- Medical Specialist of the Digestive Department at the Navarra University Clinic
- PhD in Medicine and Surgery from the University of Navarra

# Dr. Paula Jiménez Fonseca

- Medical Oncologist in the Digestive and Endocrine Tumours Section at the Central University Hospital of Asturias
- PhD in Medicine from the University of Oviedo
- Researcher and Coordinator of scientific studies for the Spanish Group of Neuroendocrine and Endocrine Tumours (GETNE)

- Researcher and Coordinator of scientific studies for the Spanish Society of Medical Oncology (SEOM)
- Coordinator of the ICARO Adrenocortical Cancer Registry at the Spanish Society of Endocrinology and Nutrition (SEEN)
- President of the AGAMENON Gastric Cancer Research Group of the Spanish Society of Medical Oncology (SEOM)
- Member of: The Spanish Society of Endocrinology and Nutrition (SEEN), Spanish Society of Medical Oncology (SEOM), TTD (Board of Directors)

#### Dr. Adelaida Lacasta Muñoa

- Assistant Doctor in Medical Oncology at the Donostia University Hospital
- Oncologist at the Nuestra Señora de Aranzazu Hospital
- Research Scientist in the Area of Cancer and Digestive Pathologies
- Degree in Medicine

# Dr. Pedro Carlos Lara Jiménez

- Head of the Radiation Oncology Service at San Roque University Hospitals
- Director of the Canary Islands Cancer Institute
- Head of the Department of Oncological Radiology at the University Hospital of Gran Canaria Doctor Negrín
- Master's Degree in Family Intervention from the University of Gran Canaria
- Secretary of the Spanish Society of Radiotherapy Oncology (SEOR)
- Secretary of the Spanish Society of Clinical Oncology (SEOC)

### Dr. José Lariño Noia

- Assistant Physician in the Gastroenterology Service, Clinical Hospital university of Santiago. Santiago de Compostela
- First Rising Star Award by the Spanish Society of Digestive Pathology (SEPD)
- Co-investigator in 4 research projects and 8 privately funded clinical trials
- Degree in Medicine and Surgery from the University of Santiago de Compostela

# Dr. Ignasi Poves Prim

- General Surgery Service
- University Hospital del Mar, Barcelona, Spain

# Dr. Felipe Ramos Zabala

- Researcher and Medical Specialist in Digestology
- Physician in the Digestive System Service of the University Hospital HM Montepríncipe
- Award for the Best Clinical Research Paper in Endoscopy by the Foundation of the Spanish Society of Digestive Endoscopy
- Award for the Best Oral Poster Communication in Endoscopy by the Spanish Digestive System Foundation
- Participation at more than 30 national and international dermatology congresses

# Dr. Rafael López López

- Head of the Medical Oncology Department, Complex. Hospitalario Universitaria de Santiago de Compostela
- Director of the Translational Medical Oncology Group at the Instituto de Investigación Sanitaria de Santiago de Compostela
- Creator of Medical Oncology Service, Hospital de Navarra. Vitoria, Spain
- Research Physician at the Department of Oncology, Free University Hospital.
   Amsterdam
- Principal Investigator of more than 100 clinical trials, with emphasis in the field of Translational Research in Solid Tumours
- Author of 200 articles in national and international journals of highly prestigious
- Founding Partner of the company Nasasbiotech

- Degree in Medicine from the Autonomous University Madrid
- Permanent Member of the Royal Academy of La Medicine and Surgery of Galicia
- Member of: European Society for Medical Oncology (ESMO), Sociedad Española de Oncología Médica (SEOM), American Society for Clinical Oncology (ASCO), American Association for Cancer Research (AACR)

### Dr. Francisco Javier León Díaz

- Specialist Doctor in Oncological Surgery of the Digestive Tract
- Surgeon of the General and Digestive System Surgery Service at the University Hospital of Málaga
- Specialist in the Hepatic and Pancreatic Transplant Programme at the Regional University Hospital of Malaga
- Rooms in the Refractive Surgery Unit at the Baviera Clinic in Alicante
- Stay at the Institute for Advanced Laparoscopic Surgery
- Surgeon of the Coloproctology Unit ats Clinical University Hospital. Valencia, Spain
- Surgeon of the General and Digestive System Surgery Service at the Hospital Virgen de la Victoria. Malaga, Spain
- Doctor of Medicine and Surgery from the University of Málaga
- Master's Degree in Research Methodology in Health Sciences from the University of Salamanca
- Postgraduate Diploma in the Basis of Hepatobiliopancreatic Surgery and Transplants by the University of Barcelona
- Member of: Spanish Chapter of the International Hepatopancreatobiliary Association,
   Spanish Association of Surgeons, Spanish Liver Transplantation Society

#### Dr. Maria Luisa Limón Mirón

- Specialist of the Medical Oncology Service at the University Hospital Virgen del Rocío.
   Sevilla, España
- Digestive Tumour Investigator
- Degree in Medicine

#### Dr. Francisco Pérez Roldán

- · Area Specialist Physician at Hospital General La Mancha-Centro
- Resident Medical Intern at the Gregorio Marañón Hospital
- Principal investigator and co-author on clinical trials and publications
- PhD in Medicine from the Complutense University of Madrid
- Speaker at numerous conferences on digestive pathologies

### Dr. Luis A. Pérez Romasanta

- Head of the Radiation Oncology Department at the University Hospital Clínico Salamanca
- Assistant Physician at the Hospital Clínico de Santiago de Compostela
- · Assistant Physician at the University Hospital of Valladolid
- Co-author of the publication Multidisciplinary Protocols in Oncology
- Doctor of Medicine, USC

# Dr. Carles Pericay Pijaume

- Head of Medical Oncology Service at the University Hospital MútuaTerrassa
- Oncology Physician in Àptima Centre Clínic
- Oncology Physician at Sabadell Hospital
- · Assistant Physician Specialist in Gastrointestinal Tumors at Sabadell Hospital
- Author and co-author of numerous scientific articles
- Doctor in Medical Oncology UAB

# Dr. López Guerrero, José Antonio

- Clinical Head of the Molecular Biology Laboratory of the Medical Oncology Service at the Instituto Valenciano de Oncología (IVO)
- PhD in Biology

### Dr. Natalia Ramírez Merino

- Assistant Physician in the Medical Oncology Service at the University Hospital Infanta Flena
- Medical Oncology Specialist in Sanchinarro CIOCC
- Medical Specialist in Oncology at Centro Integral Oncologico Clara Campal
- Oncology Attending Physician at IMOncology
- Assistant Physician of Oncology at Hospital Civil De Guadalajara
- University Teacher
- Researcher in Medical Oncology
- Master's Degree in Molecular Oncology at the CNIO

# Dr. José Manuel Ramírez

- Medical Specialist in Colorectal Surgery
- Physician in the Department of Surgery, Lozano Blesa University Hospital
- Co-author of the FADN Pathway, published by the Ministry of Health, Social Services and Equality of the Government of Spain
- Member of the Spanish Group of Multimodal Rehabilitation
- Researcher in Colorectal Surgery with more than 100 scientific publications
- Coordinator of several research groups
- Director of programs related to Colorectal Surgery
- Executive Member of the ERAS Society
- University Lecturer
- Speaker at Colorectal Surgery Congresses

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### Dr. Emilio Ramos Rubio

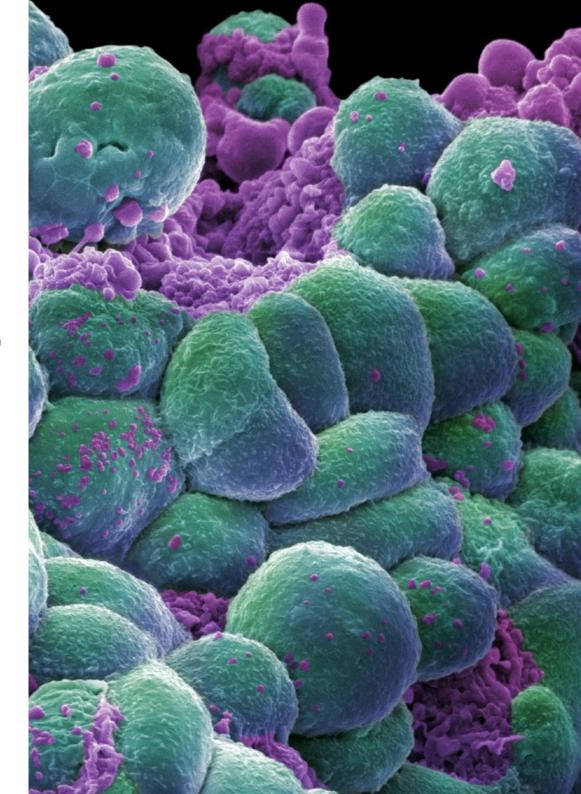
- Head of the General Surgery La Section, Bellvitge university Hospital
- Lecturer of Digestive Diseases at the UB
- Degree in Medicine and Surgery
- Specialist in General Surgery
- Author of more than 20 research articles related to the medical field

# Dr. Alejandro Repiso Ortega

- Assistant Physician of the Digestive System Service at the University Hospital La Zarzuela
- Assistant Physician of the Digestive System Service at the Virgen de la Salud Hospital
- Digestive Tract Resident Tutor
- Research collaborations and publication of research articles in the specialized press
- Doctorate in Medicine and Research Sufficiency by the UCM
- Rotation at the Endoscopy Unit of the Hospital Clínic de Barcelona
- Rotation at the Endoscopy Unit of the Hôpital Privé Jean Mermoz in Lyon

# Dr. Javier Rodríguez Rodríguez

- Co-director of the Department of Medical Oncology of the Navarra University Clinic
- Specialist of the Gastrointestinal Tumors and Hepatobiliary Tumors Area in the Department of Medical Oncology of the Navarra University Clinic
- Doctor of Medicine, UPNA
- Degree in Medicine and Surgery from the UPNA
- Specialist in Digestive System by the Clínica Universidad de Navarra
- Master's Degree in Immuno-Oncology from the UPNA



#### Dr. José Perea García

- General and Digestive System Surgeon s Degree in Coloproctology
- Assistant Surgeon at the University Hospital Fundación Jiménez Díaz
- Coordinator of the General and Digestive System Surgery Unit of the Vithas Arturo Soria Hospital
- Surgeon at Nuestra Señora del Rosario Hospital
- Medical Inspector of the Medical Society SALUS Asistencia Sanitaria
- Physician as FEA/Adjunct of General Surgery at the 12 de Octubre University Hospital
- Associate Professor of the Department of Surgery of the Faculty of Medicine at UCM
- Doctor of Medicine, USAL
- Participation in more than 10 R&D projects
- Member of: The Spanish Association of Surgeons, Spanish Association of Coloproctology, ESCP, CGA

### Dr. Samuel Navarro Fos

- Principal Investigator of the Pediatric Solid Tumors Translational Research Group
- Researcher at the Health Research Institute of the Hospital Clínico Universitario de Valencia
- Principal Investigator of the Cooperative Cancer Research Network (Pediatric Tumors)
- Principal Investigator of the Low Prevalence Neoplastic Diseases Group of the Instituto de Salud Carlos III
- Member of the European Group of Pathologists for the Study of Ewing's Tumor (PROTHETS)

# Dr. Miguel Pera Román

- Medical Director and Professor of Surgery at Hospital del Mar of Parc de Salut MAR
- Head of the Colorectal Surgery Section at the Hospital del Mar del Parc de Salut MAR
- Clinical trial leader against recurrent Rectal Tumors with the Instituto de Salud Carlos III
- Research Associate in Colon and Rectal Surgery at the Mayo Clinics in Arizona and Minnesota in the United States

# Dr. José Ángel López Baena

- Coordinator of the Hepatobiliopancreatic Surgery Unit of the General Surgery Service at the Hospital General Universitario Gregorio Marañón
- Surgical Coordinator of the Liver Transplant Programme at the Gregorio Marañón General University Hospital
- General Surgeon and Specialist in Liver Transplantation and Bariatric Surgery
- Chief Cardiology Service of General and Digestive System Surgery, Quirónsalud University Hospital Madrid
- General Surgeon at the University Hospital El Escorial
- Associate Professor in Surgical Pathology I of the Surgery Department
- PhD in Medicine from the Complutense University of Madrid
- Master's Degree in Health Management from the European University Miguel of Cervantes

# Dr. Enrique Esteban Agustí

- Head of the Hepatobiliopancreatic Surgery Unit at the Puerta de Torrejón Hospital
- Member of the Patient Safety Committee of the Hospital Universitario Torrejon
- General and Digestive Surgeon at the Hospital Universitario Madrid Sanchinarro
- Associate Professor at the Faculty of Medicine of the Francisco de Vitoria University

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#### Dr. Antonio Maldonado Suárez

- Head of the Nuclear Medicine and Molecular Imaging Department, Quirónsalud University Hospital
- Medical Director at Centro Pet Complutense
- Medical Coordinator in the PET Division of the Recoletas Group
- Head of the Molecular Imaging Unit, Ruber International Hospital
- Speaker at more than 300 national and international conferences
- Author of more than 200 Scientific Assignments
- PET International Expert at the International Atomic Energy Agency
- Degree in Medicine and Surgery from the UNIZAR
- Member of: EORTC PET Group Study, Spanish Society of Nuclear Medicine and Nuclear Imaging, European Society of Nuclear Medicine and Nuclear Imaging, American Society of Nuclear Medicine and Nuclear Imaging

# Dr. Carlos López López

- Specialist in Medical Oncology Service, Marqués de Valdecilla University Hospital
- Clinical Observer at Fox Chase Cancer Center Comprehensive Cancer Center. Philadelphia
- Degree in Medicine from the University of Cantabria
- Master's Degree in Molecular Oncology by the National Cancer Research Center
- Member of: La Spanish Society of Medical Oncology (SEOM), Scientific Committee
  of the Spanish Group for the Treatment of Digestive Tumours (TTD), Spanish Group
  of Neuroendocrine Tumours (GETNE), Spanish Group of Orphan and Infrequent
  Tumours (GETHI)

# Dr. Alejandro Manrique Municio

- Digestive System and Abdominal Organ Transplant Surgeon at the 12 de Octubre University Hospital
- Doctor in the General Surgery, Digestive System and Abdominal Organ Transplant Department of the Hospital Universitario 12 de Octubre
- Specialist in BPH Surgery and Abdominal Transplantation
- Associate lecturer at UCM
- Doctor of Medicine, UCM
- Degree in Medicine

### Dr. Maite Maroto Castellanos

- Medical specialist in General and Hepatology Gastroenterology
- Specialist Physician, Intensive Care Medicine Department, San Carlos University Hospital Madrid
- Specialist in General Gastroenterology and Hepatology at the Clinical Institute of the Digestive System
- Author of numerous scientific articles at national and international level
- Graduate in Medicine from the UPNA

# Dr. Olaia Martínez Iglesias

- Director of the Medical Epigenetics Laboratory at EuroEspes
- Researcher and professor at the Alberto Sols Institute of Biomedical Research
- Leader of the Epithelial Plasticity and Metastasis Research Group at the Institute for Biomedical Research of A Coruña (INIBIC)
- Doctorate in Biomedicine from the Autonomous University Madrid
- Degree in Biology from the from A Coruña

#### Dr. David Martínez Ares

- Head of the Digestive Department at the Hospital Quirónsalud Miguel Domínguez
- Medical Director and Founder of the Instituto Gallego de Enfermedades Digestivas (Galician Institute of Digestive Diseases)
- Advanced and Therapeutic Gastroenterologist Endoscopist at Quirónsalud Hospital in A Coruña
- Medical Specialist in the digestive area Vigo University Hospital Complex
- Doctorate in Health Sciences, University of A Coruña
- Degree in Medicine and Surgery from the USC
- Master's Degree in Immune-mediated Inflammatory Diseases at the Universidad Europea
- Master's Degree in health management and from IFFE Business School

#### Dr. Javier Perdices Ramírez

- Spanish Healthcare Senior Account Executive in Amazon Web Services
- CEO and Board Member at ChipCard Salud
- CIO at Redsys Health
- Senior Management Consultant in Minsait
- Director of E-Heatlh at Ártica Telemedicine of CMC Group
- Managing Director and Founding Partner in Ártica Telemedicine of the CMC Group
- Researcher at ETSIT of the Bioengineering and Telemedicine Group
- Graduate in Telecommunications Engineering from the Polytechnic University of Madrid (UPM)
- Master's Degree in ICT Systems for Health by the Universitat Oberta de Catalunya (UOC)
- Diploma in Advanced Studies and Research Sufficiency from the Madrid Polytechnic University (UPM)

#### Dr. Eva Martínez de Castro

- Physician in the Medical Oncology Service, Marqués de Valdecilla University Hospital
- Head of the Hereditary Cancer Unit of the Medical Oncology Service of the Marqués de Valdecilla University Hospital
- Author of numerous scientific articles published in high- prestigious journals
- Author of Spanish clinical guidelines on Hereditary Cancer and Digestive Neoplasms
- Graduate in Medicine from the UNICAN.
- Member of: The Spanish Society of Medical Oncology and the Spanish Group of Digestive Tumors (TTD)

#### Dr. Alberto Martínez Isla

- Consultant Surgeon at St. Marks Hospital, Northwick Park, London
- Consultant Surgeon at Ealing Hospital in London
- General Surgeon at Hammersmith Hospital in London
- Surgeon in gastrointestinal at Hospital Puerta de Hierro
- Degree in Medicine and Surgery from the University of Santiago de Compostela
- Member of: The Association of Surgeons and the United Kingdom and Ireland (ASGBI), International Hepato-Pancreato-Biliary Association, The Royal College of Surgeons of England

### Dr. Jacobo Ortiz Fernández-Sordo

- Consultant Gastroenterologist at the Nottingham University Hospital
- Gastroenterology Associate Specialist for Circle Health
- Gastroenterologist at the Endoscopy Unit of the University Hospital Central de Asturias
- Investigador Asociado del Centro de Investigación y Terapéutica Endoscópica del Centro Médico de la Universidad de Chicago

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#### Dr. Javier Martínez Trufero

- Specialist in Medical Oncology at Miguel Servet University Hospital
- PhD in the Medical Oncology the University of Zaragoza
- Member of Spanish Sarcoma Research Group (GEIS), Spanish Head and Neck Cancer Research Group (TTCC), American Society of Clinical Oncology (ASCO), European Society for Medical Oncology (ESMO), Connective Tissue Oncology Society (CTOS), Spanish Society of Medical Oncology (SEOM)

# Dr. Manuel Mejías Estévez

- Coordinator of the Palliative Care Working Group of the Spanish Society of Primary Care Physicians
- Independent advisor to the Technical Committee of the National Health System Palliative Care Strategy
- Director of the Training and Research Department at the SantÁngela Institute specialising in Chronic Illness, Mental Illness, Advanced Illness and Palliative Care
- Family Doctor for different instances and centres in the Andalusian Health Service
- Master's Degree in Palliative Care from the University Pontificia Comillas
- Master's Degree in Care for Caregivers of Dependent Persons from the University of Seville
- Expert in Pain in Primary Care by the University of Cadiz

### Dr. Roberto A. Pazo Cid

- Specialist in Medical Oncology at Miguel Servet University the Oncology Department of the Hospital
- Clinical Researcher of Therapists of Aragon Health Research Institute
- Researcher Associate Centro Nacional de Investigaciones Dermatology (CNIO)

### Dr. José Vicente Méndez Montero

- Specialist of the Department of Radiodiagnosis of the San Carlos Clinical Hospital, University Hospital
- Member of the Interventional Vascular Radiology Unit, Clinical University Hospital San Carlos, Madrid
- Master's Degree in Magnetic Resonance from the Autonomous University of Madrid
- Member of: The European Society of Cardiovascular and Interventional Radiology,
   Spanish Society of Vascular and Interventional Radiology

#### Dr. Ramiro Jesus Méndez Fernández

- Head of the Abdominal Radiology and Magnetic Resonance Section at Nuestra Señora del Rosario Hospital
- Specialist Radiologist in the Magnetic Resonance Imaging Section at the Hospital Clínico San Carlos
- Specialist in Radiodiagnostics at the San Carlos Clinical Hospital
- Former President of the Spanish Society for Abdominal Diagnostic Imaging (SEDIA)
- Radioactive Installations Supervisor at the Energy, Environmental and Technological Research Centre (CIEMAT)
- Degree in Medicine and Surgery from the University Santiago de Compostela
- Lecturer at the School of Radiology Technicians at the Hospital Clínico San Carlos
- Lecturer in General Radiology at the CEU San Pablo University
- Deputy Editor and member of the Editorial Board of the Journal Radiology
- Reviewer of articles in medical journals such as Revista Clínica Española or European Radiology

#### Dr. Juan Luis Mendoza Hernández

- Physician of the Digestive System Service at the San Carlos Clinical Hospital
- Member of the Motility and Digestive Functional Disorders Unit of the San Carlos Clinical Hospital
- Members of the Endoscopy-Ophthalmology Unit at the San Carlos Clinical Hospital
- Advisor to the Surgery and Anatomic Pathology Department of the San Carlos Clinical Hospital
- Medical Specialist in Endocrinology
- Expert in Endoscopic Therapy of Obesity

# Dr. Jose Ángel Olivas Varela

- Director of the Soft Management of Internet and Learning (SMILe) Research Group
- Research Collaborator at the Berkeley Initiative in Soft Computing (BISC) of the University of California
- Research Fellow at the Artificial Intelligence Center at SRI International, Stanford University
- Research Collaborator of the Aerospace Engineering and Services Group (INSA-NASA)
- Director of the IT Department of Project & Portfolio Management (PPM)
- Consultant in Intelligent Systems for companies such as Southco, Danone or ATT
- Member of the Spanish Association for Artificial Intelligence

# Dr. Fernando Pardo Sánchez

- Former Director of Hepatobiliopancreatic Surgery and Liver Transplant Service at the Clínica Universidad de Navarra
- Secretary of Spanish La Society of Liver Transplantation
- Assistant Physician in General Surgery the Puerta de Hierro Hospital
- Medical Specialist in General Surgery, USC

#### Dr. Adolfo Parra Blanco

- Nottingham University Hospital Consultant Gastroenterologist
- Head of the Endoscopy Unit at the University Hospital Central de Asturias
- Digestive System Specialist of the University Hospital of the Canary Islands
- Interim Physician of the Department of Gastroenterology at PUC
- Expert in Early Digestive Neoplasms from Tokyo University of Medicine and Dentistry

#### Dr. Aurora Astudillo González

- Doctor of Medicine and former Scientific Director of the Principality of Asturias Biobank
- Former Professor of Pathological Anatomy at the University of Oviedo
- Lecturer at the University of Oviedo and attached to the Central University Hospital of Asturias
- Ponente TFDx Talks
- European Board of Neuropathology
- European Board of Pathology

#### Dr. Ana Isabel Puente Muñoz

- Associate Chief of the Neurophysiology Service at the Clínica del Hospital La Luz
- Head of the Clinical Neurophysiology Unit of the Central Hospital of the Red Cross San Jose and Santa Adela
- Coordinator of the Sleep and Electroencephalography Unit at Hospital Quirónsalud Sur
- Coordinator of the Sleep Unit at Hospital Postgraduate Certificate Sanitas La Moraleja
- Resident Internist in Clinical Neurophysiology at San Carlos Clinical Hospital
- Author and co-author of scientific articles and books related to her specialty
- Speaker at numerous Clinical Neurophysiology Congresses

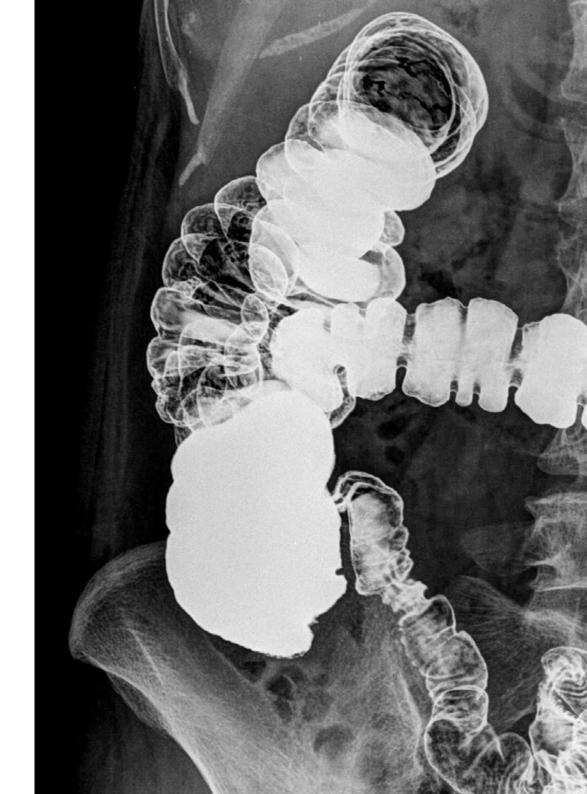
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#### Dr. David Andrés Pérez Martinez

- Head of the Neurology Department of the "12 de Octubre" University Hospital
- Head of the Neurology and Neurophysiology Service at Hospital La Luz
- · Head of the Neurology Section at the University Hospital Infanta Cristina
- Physician of of the Central Hospital of the Red Cross San Jose and Santa Adela
- Director of the Neurowikia.com portal
- Director of the Brain Foundation
- Associate Professor in Neurology at the Complutense University of Madrid (UCM)
- Postgraduate Diploma in in the evidence by the National University of Distance Education (UNED)
- University Specialist in Probability and Statistics in Medicine by the UNED
- President of the Madrid Association of Neurology
- Member of the Alzheimer Foundation Spain

# Dr. Rosa María Jiménez Rodríguez

- Specialist in the Coloproctology Unit of the University Hospital Virgen del Rocío, Madrid
- Specialist in Surgery at the University Hospital Puerta del Mar
- Doctor in General Surgery and Digestive System by the University of Seville
- Degree in Medicine and Surgery from the University of Extremadura
- Master's Degree in Coloproctology, Colorectal and Pelvic Floor Surgery from the University of Zaragoza
- Specialist Degree in Digital Teaching for Medicine from TECH Technological University
- Research and Clinical Fellowship at Memorial Sloan Kettering Cancer Center in New York City





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# Dr. Berta Laquente Saez

- Physician in the Medical Oncology Service, Catalan Institute of Oncology
- Assistant Doctor in the Medical Oncology Department at the Duran i Reynals Hospital
- Specialist Doctor at the Duran i Reynals Hospital
- Tumour Angiogenesis Researcher at the Bellvitge Biomedical Research Institute (IDIBELL)
- Researcher, Catalan Institute of Oncology PhD in Medicine and Surgery

# Dr. Jesús María Paramio Gonzalez

- Molecular Oncology Division Manager Unit of the at the Energy, Environmental and Technological Research Centre (CIEMAT)
- Researcher at the Biomedical Research Institute of the Hospital Universitario 12 de Octubre
- Specialist in Cell Biology at the Energy, Environmental and Technological Research Center (CIEMAT)

# Dr. Jorge Rojas Marcos Rodríguez de Quesada

- Internal Medicine Specialist at the Rey Juan Carlos University Hospital
- Coordinator and Field Physician at Doctors Without Borders Organization
- Degree in Medicine and Surgery
- Diploma in Hygiene and Tropical Medicine from the Liverpool School of Tropical Medicine
- Specialist in International Health by the Institute of Tropical Medicine Antwerp





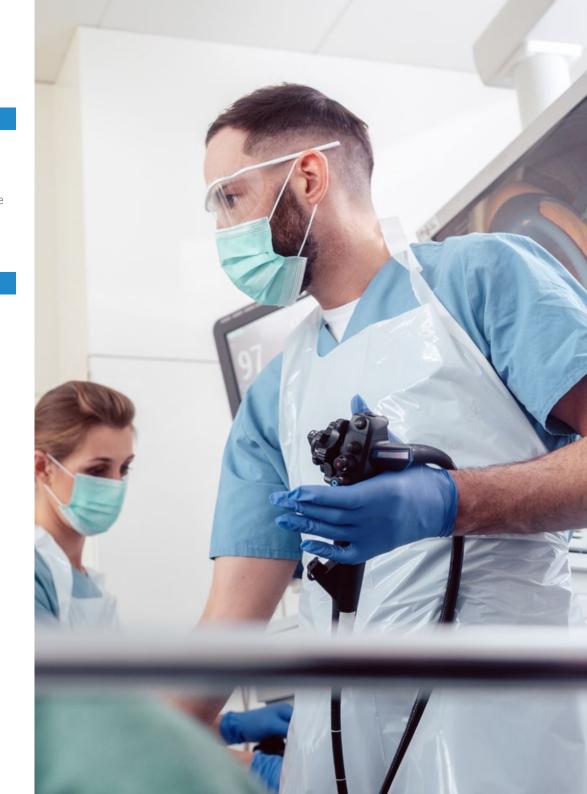
# tech 50 | Educational Plan

# Module 1. Molecular biology and translational oncology

- 1.1. Molecular Mechanisms of Cancer
- 1.2. Tumor Immunology: Basis of Cancer Immunotherapy
- 1.3. Role of the Biobank in Clinical Research
- 1.4. Understanding the New Technology: Next Generation Sequence (NGS) in clinical practice
- 1.5. Liquid Biopsies: Fashion or Future?
- 1.6. Update on Molecular Markers for Treatment Decisions in Gastrointestinal Malignancies
- 1.7. Do Molecular and Immunological Classifications Have Clinical Implications Today?

# Module 2. Upper Gastrointestinal Tract Tumors

- 2.1. Oesophageal Cancer
  - 2.1.1. Differences between Squamous Carcinoma and Esophagus Adenocarcinoma
  - 2.1.2. Endoscopic Aspects of Esophageal Cancer: Diagnosis and Staging
  - 2.1.3. Clinical Impact of 18F-FDG PET/CT in the Therapeutic Management of Patients with Esophageal Cancer
  - 2.1.4. Endoscopic Treatment of Superficial Esophageal Neoplasms
  - 2.1.5. Conventional Surgical Approach to Esophageal Carcinoma
  - 2.1.6. Minimally Invasive and Robotic Surgery of Esophageal Cancer
  - 2.1.7. Evolution in Neoadjuvant and Adjuvant Treatment of Esophageal Cancer
  - 2.1.8. Management of Metastatic Esophageal Cancer
- 2.2. Gastric Cancer
  - 2.2.1. Diagnosis and Staging of Gastric Adenocarcinoma
  - 2.2.2. Minimally Invasive and Robotic Surgery of Gastric Cancer
  - 2.2.3. Lymphadenectomy Extension in Gastric Cancer
  - 2.2.4. Neoadjuvant and Adjuvant Treatment in Gastric Cancer: What Is the Optimal Approach?
  - 2.2.5. National Registry of Advanced Gastric Cancer (AGAMENON)
  - 2.2.6. First-Line Treatment of HER2-Negative Metastatic Gastric Cancer
  - 2.2.7. Second-Line Treatment of HER2-Negative Metastatic Gastric Cancer
  - 2.2.8. Metastatic Gastric Cancer: Impact of Drugs Targeting the HER2 Pathway
  - 2.2.9. Metastatic Gastric Cancer: Impact of Immune Checkpoint Inhibitors



# Module 3. Lower Gastrointestinal Tract Tumors

- 3.1. Colon and Rectum Cancer
  - 3.1.1. Colorectal Cancer: Epidemiology, Etiology and Incidence
  - 3.1.2. Molecular Mechanisms Involved in the Invasion and Metastasis Process in Digestive Tumors
  - 3.1.3. Molecular Classification of Colon Cancer: New insights
  - 3.1.4. Biomarkers in Colorectal Cancer
  - 3.1.5. Early Detection Program for Colon and Rectum Cancer
  - 3.1.6. Familial forms of colorectal cancer (polyposis-associated and nonpolyposis-associated)
  - 3.1.7. Cancer associated with chronic Inflammatory Bowel Diseases and the treatments received
  - 3.1.8. Diagnosis and Endoscopic Management of Polyps and Advanced Lesions
  - 3.1.9. Clinical Impact of FDG-PET/CT in the Staging of Colorectal Cancer
  - 3.1.10. Role of Endoscopic Utrasonography (EUS) and Magnetic Resonance Imaging in the staging of rectal cancer
  - 3.1.11. Laparoscopic vs. robotic colon cancer surgery
  - 3.1.12. Surgical Management of Familial Non-Polyposis Colon Cancer
  - 3.1.13. Surgery for Familial Adenomatous Polyposis
  - 3.1.14. Current Adjuvant Treatment of Colon Cancer and Proposals for the Future in the Adjuvant Treatment of Colon Cancer
  - 3.1.15. Total Mesorectal Excision: Open, Laparoscopic and Robotic
  - 3.1.16. Transanal Approach to Rectal Tumors
  - 3.1.17. Neoadjuvant Treatment in Rectal Cancer
  - 3.1.18. Postoperative Treatment after Neoadjuvant and Radical Surgery
  - 3.1.19. Observe and Wait for Low Rectal Cancers after Neoadjuvant Therapy with Complete Clinical Response
  - 3.1.20. Invasive pelvic tumors: pelvic exenteration
  - 3.1.21. Therapeutic Advances in Colon and Rectal Cancer: Improving Patient Survival Day by Day
  - 3.1.22. What Is the Best Treatment Option After Second Line Therapy in Advanced Colorectal Cancer?
  - 3.1.23. Acquired Resistance to EGFR Antibodies: How to Manage
  - 3.1.24. Immunotherapy in Metastatic Colorectal Cancer

- 3.1.25. Rectal Cancer with Synchronous and Resectable Liver Metastases
- 3.1.26. Management of Colorectal Cancer Liver Metastases
- 3.1.27. Total excision of the mesocolon: when, how, why
- 3.1.28. Role of Endoscopy in the Management of Advanced Colorectal Cancer

# Module 4. Other Digestive Tract Tumors

- 4.1. Appendicular Tumors
  - 4.1.1. Appendicular Tumors: Surgical Implications
- 4.2. Peritoneal Carcinomatosis
  - 4.2.1. Peritoneal Carcinomatosis: Surgical Treatment and Postoperative Intraperitoneal Chemotherapy
- 4.3. Anal Cancer
  - 4.3.1. Treatment of Localized Anal Cancer
  - 4.3.2. Treatment of Locally Advanced Cancer
  - 4.3.3. Treatment of Radiation Therapy in Colon Cancer
  - 4.3.4. Treatment of Metastatic Anal Cancer
- 4.4. Neuroendocrine Tumors
  - 4.4.1. Neuroendocrine Tumors of the Small Intestine
  - 4.4.2. Neuroendocrine Tumors of the Pancreas
  - 4.4.3. Surgical Treatment of Non-Functioning Neuroendocrine Pancreas Tumors
  - 4.4.4. Surgical Treatment of Gastrinoma
  - 4.4.5. Surgical Treatment of Insulinoma
  - 4.4.6. Pancreas Endocrine Tumors Surgery: Glucagonoma, Vipoma
  - 4.4.7. Overview of Systemic Treatment of Metastatic Neuroendocrine Tumors in the Pancreatic Gastroenteropancreatic Tract
- 4.5. GIST
  - 4.5.1. Biology, Diagnosis and Management of Gastrointestinal Stromal Tumors (GIST)
  - 4.5.2. The Role of 18F-FDG PET/CT in GI Stromal Tumors
  - 4.5.3. Surgical Treatment of Gastrointestinal Stromal Tumors (GIST)
  - 4.5.4. GIST as a Model of Translational Research: 15 Years of Experience
- 4.6. Lymphomas
  - 4.6.1. Gastric MALT Lymphoma
  - 4.6.2. Lymphomas in Other Digestive Regions

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# Module 5. Pancreatic Cancer, Biliary Tract Tumors and Hepatocarcinoma

- 5.1. Pancreatic Cancer
  - 5.1.1. Epidemiology, Risk Factors and Diagnosis of Pancreatic Cancer
  - 5.1.2. Use of Endoscopic Retrograde Cholangiopancreatography (ERCP) in Patients with Pancreatic Masses and Biliary Tract Obstruction
  - 5.1.3. Use of Endoscopic Ultrasonography (EUS) in Pancreatic Cancer Patients or Pancreatic Masses
  - 5.1.4. Endosonographic Cholangiopancreatography (CEPEUS) in Pancreatic Masses and Biliary Tract Obstruction
  - 5.1.5. Diagnostic Modalities for Defining Pancreatic Cancer Resectability (CT, EUS, MRI)
  - 5.1.6. Clinical Impact of PET/CT with 18F-FDG in the Therapeutic Management of Patients with Pancreas Cancer
  - 5.1.7. Borderline Resectable Pancreatic Cancer
  - 5.1.8. Laparoscopic Distal Pancreatectomy: Indications and Technique
  - 5.1.9. Cephalic pylorus-sparing duodenopancreatectomy versus Whipple in pancreatic cancer
  - 5.1.10. Surgical Treatment of Ampulomas
  - 5.1.11. Adjuvant and Neoadjuvant Chemotherapy Treatment for Pancreatic Cancer
  - 5.1.12. Adjuvant and Neoadjuvant Radiotherapy Treatment for Pancreatic Cancer
  - 5.1.13. Advances in the Treatment of Patients with Metastatic Pancreatic Cancer
  - 5.1.14. Screening for Familial and Hereditary Pancreatic Cancer
  - 5.1.15. Cystic Lesions of the Pancreas of Neoplastic Origin
  - 5.1.16. Surgery for Cystic Tumors of the Pancreas
- 5.2. Cholangiocarcinoma and Gallbladder Cancer
  - 5.2.1. Epidemiology, Risk Factors and Diagnosis of Cholangiocarcinoma and Gallbladder Cancer
  - 5.2.2. What to Do with Cholangiocarcinoma
  - 5.2.3. Advances in the Treatment of Patients with Metastatic Cholangiocarcinoma and Gallbladder Cancer

- 5.3. Hepatocellular Carcinoma
  - 5.3.1. Epidemiology, Risk Factors and Diagnoses for Hepatocellular Carcinoma
  - 5.3.2. Staging and Treatment of Hepatocellular Carcinoma
  - 5.3.3. Resective Treatment vs. Liver Transplantation in Hepatocellular Carcinoma
  - 5.3.4. Locally advanced disease with vascular involvement: local versus systemic therapy?
  - 5.3.5. Drainage of Malignant Biliary Obstruction by Interventional Radiology
  - 5.3.6. First and Second Line of Systemic Therapy in Hepatocellular Carcinoma
  - 5.3.7. Recurrence of Hepatocellular Carcinoma after Transplantation

# Module 6. Collaboration in the Management of Oncology Patients

- 6.1. Palliative Management
  - 6.1.1. The Palliative Care Consultant in the Multidisciplinary Team: Treatment planning
  - 6.1.2. A Model of Integration with Oncology: Enhanced Supportive Care
  - 5.1.3. Informed Consent: Are We Really Informing Our Patients?
  - 6.1.4. Palliative Management of Symptoms in Gastrointestinal Tumors
  - 6.1.5. Palliative Endoscopic Treatments
  - 6.1.6. Palliative Surgical Treatment
- 6.2. Emergencies and Comorbidities
  - 6.2.1. Why do Patients with Gastrointestinal Tumors Attend the Emergency Department and How Can Outcomes Be Improved?
  - 6.2.2. Management of Infectious Comorbidities
  - 6.2.3. Management of Cardiovascular Comorbidities
  - 6.2.4. Neurologic Comorbidity Management
  - 6.2.5. Management of Endocrinological Comorbidities
  - 6.2.6. Management of Nutritional Comorbidities
  - 6.2.7. Gastrointestinal Tumors in the Elderly
  - 6.2.8. Outpatient Care of Patients with Digestive System Oncology Pathology



- 7.1. Clinical Management in Digestive Tumor Units
  - 7.1.1. Basis of Clinical Management
  - 7.1.2. Intensified Recovery Programs in Colon Surgery
  - 7.1.3. Members, Functions and Decision-Making in Multidisciplinary Teams
- 7.2. Improving Networking
  - 7.2.1. Technological Platforms for Patient Monitoring and Control
  - 7.2.2. The Collaborative On-line World
  - 7.2.3. Decision Support Systems in Oncology Based on Artificial Intelligence



With the ease of choosing your study space both theoretically and practically. TECH offers freedom, flexibility and quality in this program"





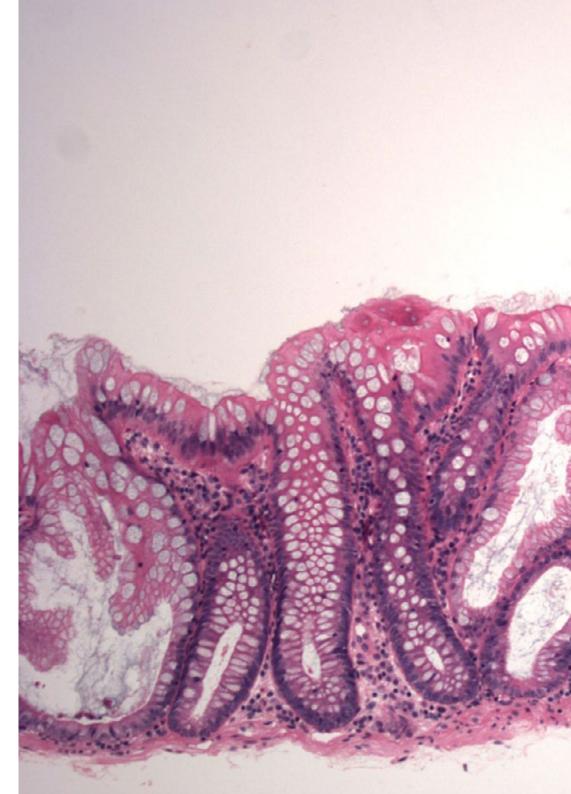


The Internship Program's Internship Program consists of a 3-week practical internship, Monday through Friday, with 8 consecutive hours of practical study with an assistant specialist. This stay in a state-of-the-art clinical setting will allow you to see real patients alongside a team of leading professionals in the field of Digestive Oncology, applying the most innovative diagnostic procedures and planning the latest generation of therapy for each pathology.

In this training proposal, of a completely practical nature, the activities are aimed at developing and perfecting the competencies necessary for the provision of health care in areas and conditions that require a high level of qualification, and which are oriented towards specific training for the exercise of the activity, in an environment of patient safety and high professional performance.

It is undoubtedly an opportunity to learn by working in the innovative hospital of the future where real-time health monitoring of patients is at the heart of the digital culture of its professionals. This is a new way of understanding and integrating health processes, and makes this program a unique updating opportunity for every specialist in Digestive Oncology.

The practical part will be performed with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of teachers and other fellow trainees to facilitate teamwork and multidisciplinary integration as transversal competencies for the practice of clinical medicine (learning to be and learning to relate).





# Clinical Internship | 57 tech

The procedures described below will form the basis of the practical part of the training, and their completion is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being as follows:

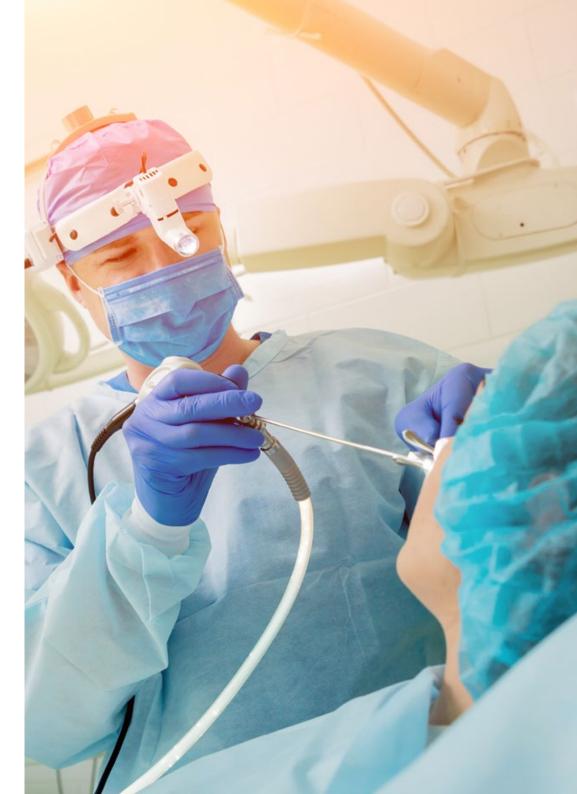
Module	Practical Activity
Care for tumors of the upper and lower gastrointestinal tract	Apply videoendoscopic therapy of upper and lower gastrointestinal cancers such as polyps and advanced lesions
	Perform conventional surgical approach with latest techniques for upper and lower gastrointestinal cancer
	Perform endoscopic ultrasonography (EUS) and Magnetic Resonance Imaging in the staging of Rectal Cancer
	Participate in minimally invasive and robotic surgery of upper digestive cancer
	Participate in Laparoscopic Surgery vs. Surgery in Colon Cancer
Molecular Biology and Translational Oncology	Applying Next Generation Sequence (NGS) in clinical practice
	Extract samples for immunohistochemical liquid biopsies
	Use of tumor markers
	Perform histological diagnosis of digestive cancer
Pancreatic Cancer, Biliary Tract Tumors and Hepatocarcinoma	Use of endoscopic retrograde cholangiopancreatography (ERCP) in patients with pancreatic masses and bile duct obstruction
	Use of endoscopic ultrasonography (EUS) in patients with pancreatic cancer or pancreatic masses
	Perform endosonographic cholangiopancreatography (CEPEUS) on pancreatic masses
	Perform distal pancreatectomy by laparoscopy
	Perform cephalic Duodenopancreatectomy with pylorus preservation vs. Whipple in pancreatic cancer
	Perform drainage of malignant biliary obstruction by interventional radiology
From clinical management to networking	Debate on enhanced recovery programs in colon surgery
	Update the use of technological platforms for patient follow-up and control
	Review the advantages of the collaborative online world
	Employing decision support systems in oncology based on artificial intelligence

# **Civil Liability Insurance**

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.



# **General Conditions of the Internship Program**

The general terms and conditions of the internship agreement for the program are as follows:

- 1. TUTOR: During the Hybrid Professional Master's Degree, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.
- **2. DURATION:** The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.
- 3. ABSENCE: If the students does not show up on the start date of the Hybrid Professional Master's Degree, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

- **4. CERTIFICATION**: Professionals who pass the Hybrid Professional Master's Degree will receive a certificate accrediting their stay at the center.
- **5. EMPLOYMENT RELATIONSHIP:** the Hybrid Professional Master's Degree shall not constitute an employment relationship of any kind.
- **6. PRIOR EDUCATION:** Some centers may require a certificate of prior education for the Hybrid Professional Master's Degree. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed
- 7. DOES NOT INCLUDE: The Hybrid Professional Master's Degree will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.





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The student will be able to take the practical part of this Hybrid Professional Master's Degree in the following



### Hospital HM Modelo

Country City
Spain La Coruña

Address: Rúa Virrey Osorio, 30, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Anaesthesiology and Resuscitation - Palliative Care



#### Hospital Maternidad HM Belén

Country City
Spain La Coruña

Address: R. Filantropía, 3, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Update in Assisted Reproduction - Hospitals and Health Services Management



# Hospital HM Rosaleda

Country City
Spain La Coruña

Address: Rúa de Santiago León de Caracas, 1, 15701, Santiago de Compostela, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Hair Transplantation - Orthodontics and Dentofacial Orthopedics



# Hospital HM La Esperanza

Country City
Spain La Coruña

Address: Av. das Burgas, 2, 15705, Santiago de Compostela, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

Oncology Nursing
- Clinical Ophthalmology



# Hospital HM San Francisco

Country City Spain León

Address: C. Marqueses de San Isidro, 11, 24004, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

Update in Anesthesiology and Resuscitation Trauma Nursing



# **Hospital HM Nou Delfos**

Country City
Spain Barcelona

Address: Avinguda de Vallcarca, 151, 08023 Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Aesthetic Medicine

- Clinical Nutrition in Medicine



# Hospital HM Madrid

Country City
Spain Madrid

Address: Pl. del Conde del Valle de Súchil, 16, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Palliative Care

- Anaesthesiology and Resuscitation



# Hospital HM Montepríncipe

Country City
Spain Madrid

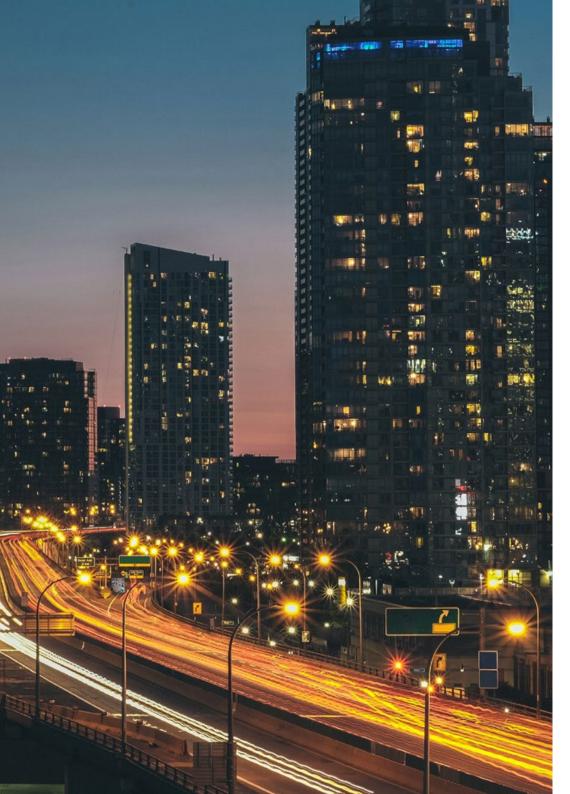
Address: Av. de Montepríncipe, 25, 28660, Boadilla del Monte, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Palliative Care

- Aesthetic Medicine



# Where Can I Do the Clinical Internship? | 63 tech



# **Hospital HM Torrelodones**

Country City Spain Madrid

Address: Av. Castillo Olivares, s/n, 28250, Torrelodones, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Anaesthesiology and Resuscitation - Palliative Care



# **Hospital HM Sanchinarro**

Country City Spain Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Anaesthesiology and Resuscitation - Palliative Care



# Hospital HM Nuevo Belén

Country Spain Madrid

Address: Calle José Silva, 7, 28043, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- General and Digestive System Surgery - Clinical Nutrition in Medicine



# Hospital HM Puerta del Sur

Country Spain Madrid

Address: Av. Carlos V, 70, 28938, Móstoles, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Palliative Care

- Clinical Ophthalmology

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# Hospital HM Vallés

Country Spain Madrid

Address: Calle Santiago, 14, 28801, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology



# **HM CIOCC - Centro Integral** Oncológico Clara Campal

Country Madrid Spain

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology



# **HM CIOCC Barcelona**

Country City Barcelona Spain

Address: Avenida de Vallcarca, 151, 08023, Barcelona

Network of private clinics, hospitals and specialized centers distributed

Spanish democracy

#### Related internship programs:

- Advances in Hematology and Hemotherapy Oncology Nursing



# **HM CIOCC Galicia**

Country Spain La Coruña

Address: Avenida das Burgas, 2, 15705, Santiago de Compostela

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology



# Where Can I Do the Clinical Internship? | 65 tech



#### Centro Médico Vithas Alzira

Country City
Spain Valence

Address: Gran Via Comunitat Valenciana, 4, 46600 Alzira

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



#### Centro Médico Vithas Castellón

Country City
Spain Castellón

Address: Calle Santa Maria Rosa Molas, 40, 12004 Castellón de la Plana

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



# Centro Médico Vithas El Ejido

Country City
Spain Almería

Address: Avenida Ciavieja, 15, 04700 El Ejido

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Implantology and Oral Surgery



### Centro Médico Vithas Fuengirola

Country City
Spain Malaga

Address: Avenida de Ramón y Cajal, s/n, 29640 Fuengirola

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



#### Centro Médico Vithas Granada

Country City
Spain Granada

Address: Plaza Ciudad de los Cármenes, Bajo B, s/n, 18013 Granada

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



#### Centro Médico Vithas La Rosaleda

Country City Spain Malaga

Address: Paseo Martiricos, Estadio de Fútbol La Rosaleda s/n, 29011 Málaga

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



#### Centro Médico Vithas Limonar

Country City
Spain Malaga

Address: Calle la Era, 6, 29016 Málaga

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



#### Centro Médico Vithas Lleida

Country City
Spain Lérida

Address: Avenida de Tortosa 4, 25005 Lleida

Leading group in the Spanish healthcare sector

#### Related internship programs:

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#### Centro Médico Vithas Nerja

Country City Spain Malaga

Address: Calle Antonio Ferrandis, 'Edificio Chanquete', 5, 29780 Málaga

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



# Centro Médico Vithas Playa Serena

Country City Spain Almería

Address: Avenida de Playa Serena, 40, 04740 Roquetas de Mar

Leading group in the Spanish healthcare sector

#### Related internship programs:

- Intensive Care Nursing Update in Anesthesiology and Resuscitation



### Centro Médico Vithas Pontevedra

Country City
Spain Pontevedra

Address: Avenida Eduardo Pondal, 68, 36003 Pontevedra

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



# Centro Médico Vithas Rincón de la Victoria

Country City
Spain Malaga

Address: Avenida de la Torre, 15, 29730 Rincón de la Victoria

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



### Centro Médico Vithas Sevilla

Country City
Spain Seville

Address: Calle Enramadilla, 8, 41018 Sevilla

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



#### Centro Médico Vithas Torre del Mar

Country City Spain Malaga

Address: Calle San Andrés, 23, 29740 Torre del Mar

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



#### Centro Médico Vithas Torremolinos

Country City
Spain Malaga

Address: Calle Hoyo, 15, 29620 Torremolinos

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



#### Centro Médico Vithas Vitoria

Country City Spain Álava

Address: Avenida Beato Tomás de Zumárraga, 1, 01008 Vitoria

Leading group in the Spanish healthcare sector

#### Related internship programs:

# Where Can I Do the Clinical Internship? | 67





#### Centro Médico Vithas Madrid Aravaca

Country Spain Madrid

Address: Calle La Salle, 12, 28023 Madrid

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation - Intensive Care Nursing



#### **Hospital Universitario Vithas** Madrid Arturo Soria

Country Madrid Spain

Address: C. de Arturo Soria, 103, 28043 Madrid

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation - Intensive Care Nursing



### **Hospital Universitario Vithas** La Milagrosa

City Country Spain Madrid

Address: Calle Modesto Lafuente, 14, 28010 Madrid

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation - Intensive Care Nursing



# **Hospital Vithas Aguas Vivas**

Country City Spain Valence

Address: Carretera Alzira-Tavernes de Valldigna, CV-50 Km 11, 46740 Carcaixent

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation - Intensive Care Nursing



# **Hospital Vithas Alicante**

Country Spain Alicante

Address: Plaza Dr. Gómez Ulla, 15, 03013 Alicante

Leading group in the Spanish healthcare sector

#### Related internship programs:

- Endodontics and Apical Microsurgery - Implantology Oral Surgery



# Hospital Vithas Almería

Country City Almería Spain

Address: Carretera del Mami, Km 1. 04120 Almería

Leading group in the Spanish healthcare sector

#### Related internship programs:

- Intensive Care Nursing Update in Anesthesiology and Resuscitation



# Hospital Vithas Castellón

Country City Castellón Spain

Address: Calle Santa Maria Rosa Molas, 25, 12004 Castellón de la Plana

Leading group in the Spanish healthcare sector

#### Related internship programs:

- Intensive Care Nursing - Endodontics and Apical Microsurgery



# **Hospital Vithas Granada**

Country City Spain Granada

Address: Avenida de Santa María de la Alhambra, 6, 18008 Granada

Leading group in the Spanish healthcare sector

#### Related internship programs:

# tech 68 | Where Can I Do the Clinical Internship?



# **Hospital Vithas Las Palmas**

Country City
Spain Las Palmas

Address: Calle León y Castillo, 292, 35005 Las Palmas de Gran Canaria

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



### Hospital Vithas Lleida

Country City
Spain Lérida

Address: Calle Bisbe Torres, 13, 25002 Lleida

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



# Hospital Vithas Málaga

Country City Spain Malaga

Address: Avenida Pintor Sorolla, 2, 29016 Málaga

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



# **Hospital Vithas Medimar**

Country City
Spain Alicante

Address: Avenida de Dénia, 78, 03016 Alicante

Leading group in the Spanish healthcare sector

#### Related internship programs:

- Gynecologic Oncology
- Intensive Care Nursing



# **Hospital Vithas Sevilla**

Country City Spain Seville

Address: Avenida Plácido Fernández Viagas, s/n, 41950 Castilleja de la Cuesta

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



# **Hospital Vithas Tenerife**

Country City
Spain Santa Cruz de Tenerife

Address: Calle Enrique Wolfson, 8, 38006 Santa Cruz de Tenerife

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation Esthetic Nursing



# Hospital Vithas Valencia 9 de Octubre

Country City
Spain Valence

Address: Calle Valle de la Ballestera, 59, 46015 Valencia

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



# **Hospital Vithas Valencia Consuelo**

Country City Spain Valence

Address: Calle Callosa d'En Sarrià, 12, 46007 Valencia

Leading group in the Spanish healthcare sector

#### Related internship programs:





# **Hospital Vithas Vigo**

Country City Spain Pontevedra

Address: Via Norte, 48, 36206 Vigo

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation - Intensive Care Nursing



# **Hospital Vithas Vitoria**

Country City Álava Spain

Address: Calle Beato Tomás de Zumárraga, 10, 01008 Vitoria-Gasteiz

Leading group in the Spanish healthcare sector

#### Related internship programs:

- Endodontics and Apical Microsurgery - Implantology Oral Surgery



### **Hospital Vithas Xanit** Internacional

City Country Malaga Spain

Address: Avenida de los Argonautas, s/n, 29631 Benalmádena

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation - Intensive Care Nursing



### Instituto Oftalmológico Vithas EuroCanarias

Country City Spain Las Palmas

Address: Calle León y Castillo, 211, 35005 Las Palmas de Gran Canaria

Leading group in the Spanish healthcare sector

#### Related internship programs:

- Intensive Care Nursing Update in Anesthesiology and Resuscitation



### Vithas Centro Médico

Country City Spain Lérida

Address: Calle de les Astes de Sant Macari, 3, 25300 Tàrrega

Leading group in the Spanish healthcare sector

#### Related internship programs:

Update in Anesthesiology and Resuscitation - Intensive Care Nursing



#### Vithas Internacional

Country City Madrid Spain

Address: Calle Arturo Soria, 107, 28043 Madrid

Leading group in the Spanish healthcare sector

#### Related internship programs:





# tech 72 | Methodology

# At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the physician's professional practice.



Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method"

# The effectiveness of the method is justified by four fundamental achievements:

- Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
- 2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
- 3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
- 4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.





# Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



# Methodology | 75 tech

At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.

# tech 76 | Methodology

This program offers the best educational material, prepared with professionals in mind:



# **Study Material**

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



# **Surgical Techniques and Procedures on Video**

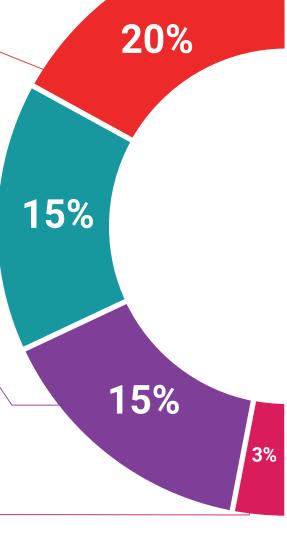
TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



### **Interactive Summaries**

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".





# **Additional Reading**

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.

# **Expert-Led Case Studies and Case Analysis**

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



# **Testing & Retesting**

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



# Classes

There is scientific evidence on the usefulness of learning by observing experts.

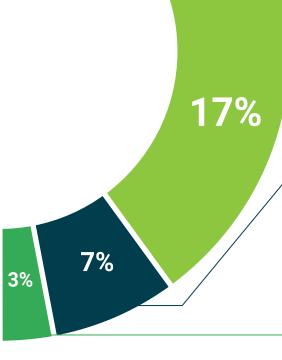
The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



### **Quick Action Guides**

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.









# tech 80 | Certificate

This **Hybrid Professional Master's Degree in Digestive Oncology** contains the most complete and up-to-date program on the professional and scientific field.

After the student has passed the assessments, they will receive their corresponding Hybrid Professional Master's Degree diploma issued by TECH Technological University via tracked delivery\*.

In addition to the certificate, students will be able to obtain an academic transcript, as well as a certificate outlining the contents of the program. In order to do so, students should contact their academic advisor, who will provide them with all the necessary information.

Title: Hybrid Professional Master's Degree in Digestive Oncology

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h.







<sup>\*</sup>Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment



# Hybrid Professional Master's Degree Digestive Oncology

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h

