

Postgraduate Certificate Bariatric Revision Surgery





Postgraduate Certificate Revision Bariatric Surgery

Course Modality: Online

Duration: 6 weeks

Certificate: TECH Technological University

6 ECTS Credits

Teaching Hours: 150 hours.

Website: www.techtute.com/medicine/postgraduate-certificate/postgraduate-certificate-bariatric-revision-surgery

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01

Introduction

In this course, in addition to the global indications and precautions in bariatric surgery, students will learn the criteria and specific technical proposals for each patient and for each technique. With this innovative program, you will update your knowledge in Bariatric Revision Surgery from the hand of prestigious surgeons with years of experience in the field.



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The Postgraduate Certificate was created to take the professional through the essential knowledge in each and every one of the areas that make up a high-level Bariatric Unit”

With the widespread use of bariatric surgery in hospitals, revision techniques account for about 10% of the total. Indications include not only insufficient weight loss or inadequate response of associated comorbidity, but also the presence of complications that have a significant impact on quality of life (digestive in particular) or metabolic-nutritional complications, including malnutrition itself. First of all, it is necessary to delve into the definition of success or failure in surgery, in addition to establishing the difference between true failure and the need for a second surgical intervention.

Depending on the characteristics of each primary technique, certain considerations should be taken: whether the choice of technique was adapted to the personal characteristics of the patient, whether there are technical problems susceptible to surgical correction (recanalization of stapling lines, stoma stenosis, marginal ulcer and the like) or whether the question arises due to the existence of another abdominal surgical pathology, such as symptomatic de novo cholelithiasis, gastroesophageal reflux refractory to medical treatment or the need to correct an eventration.

The preoperative evaluation should thoroughly review the problems to be corrected and the "patient factor" (inadequate results without apparent technical complications), as well as study what a surgical revision can contribute or hinder, without ruling out the possibility of advising against any type of revision.

This **Postgraduate Certificate in Bariatric Revision Surgery** offers you the advantages of a high-level scientific, teaching, and technological course. These are some of its most notable features:

- ♦ Latest technology in online teaching software.
- ♦ Highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand.
- ♦ Practical cases presented by practising experts.
- ♦ State-of-the-art interactive video systems.
- ♦ Teaching supported by telepractice.
- ♦ Continuous updating and recycling systems.
- ♦ Self-regulating learning: full compatibility with other occupations.
- ♦ Practical exercises for self-evaluation and learning verification.
- ♦ Support groups and educational synergies: Questions to the course leaders, discussion and knowledge forums.
- ♦ Communication with the teacher and individual reflection work.
- ♦ Content that is accessible from any fixed or portable device with an Internet connection.
- ♦ Supplementary documentation databases are permanently available, even after the course.



A unique training program with which you can achieve professional success"

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The professors for this Postgraduate Certificate have been selected based on two criteria: the excellence of their medical practice in the field of the creation, promotion and maintenance of bariatric units, and their proven didactic capacity. All in order to offer you the high quality training program that you need”

Our teaching staff is composed of medical professionals, practising specialists. In this way we ensure that we provide you with the training update we are aiming for. A multidisciplinary team of professors with training and experience in different settings, who will develop theoretical knowledge effectively, but, above all, will bring their practical knowledge derived from their own experience to the course: one of the differential qualities of this program.

This mastery of the subject is complemented by the effectiveness of the methodology used in the design of this course. Developed by a multidisciplinary team of e-learning courses, it integrates the latest advances in educational technology. This way, you will be able to study with a range of comfortable and versatile multimedia tools that will give you the operability you need in your training.

The design of this program is based on Problem-Based Learning: an approach that conceives learning as a highly practical process. To achieve this remotely, we will use telepractice: with the help of an innovative interactive video system, and learning from an expert, you will be able to acquire the knowledge as if you were actually dealing with the scenario you are learning about. A concept that will allow you to integrate and fix learning in a more realistic and permanent way.

Do not hesitate to take this training with us. You will find the best teaching material with virtual lessons.

This 100% online course will allow you to combine your studies with your professional work while expanding your knowledge in this field.



02 Objectives

This program aims to train highly qualified professionals for the workplace. An objective that is complemented, moreover, in a global manner, by promoting human development that lays the foundations for a better society. This objective is focused on helping surgical professionals reach a much higher level of expertise and control, meeting all the requirements in the field of bariatric surgery. A goal that, in just a few months, you will be able to achieve with a highly intensive and precise course.





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Our goal is yours: to provide you with the best online training and specialization course in Bariatric Surgery on the market. A highly qualified step, from the hands of the best professionals in this specialty”



General Objectives

- Establish the success or failure criteria of bariatric surgery.
- Define the general characteristics and the surgical strategy in revision surgery.
- Examine the general criteria of revision surgery in each of the bariatric surgical techniques.



Achieve your goals by keeping up to date with the latest techniques and medical advances in the field of bariatric surgery through a highly demanding Postgraduate Certificate





Specific Objectives

- ♦ Describe the therapeutic alternatives in revision surgery of techniques no longer used.
- ♦ Study the indications, technical details and results after adjustable gastric band revision surgery.
- ♦ Analyze the different technical options for revision surgery after vertical gastrectomy, depending on whether there has been inadequate weight loss and/or weight regain, or due to the occurrence of complications.
- ♦ Determine the etiology, diagnosis and therapeutic attitude toward complications and revision surgery after a gastric bypass.
- ♦ Describe the indications, technical details and results after OAGB revision surgery.
- ♦ Analyze the most relevant aspects of surgical revision due to insufficient weight loss, weight regain and/or nutritional complications after duodenal switch.
- ♦ Examine the most frequent indications for revision surgery after biliopancreatic diversion.
- ♦ Establish the most appropriate surgical options in revision surgery due to malnutrition syndromes and severe nutritional complications following SADI-S.
- ♦ Determine the role of endoscopic surgery in the management of complications and weight regain after bariatric surgery.

03

Course Management

For our Postgraduate Certificate to be of the highest quality, we are proud to work with a teaching staff of the highest level, chosen for their proven track record in the field of Bariatric Surgery. A multidisciplinary team, made up of professionals who will contribute their vision and experience to this comprehensive course. A unique opportunity to learn from the best.



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Your professors in this Postgraduate Certificate will be a team of professionals with solid backgrounds: a unique opportunity to learn directly from the best in the field”

International Guest Director

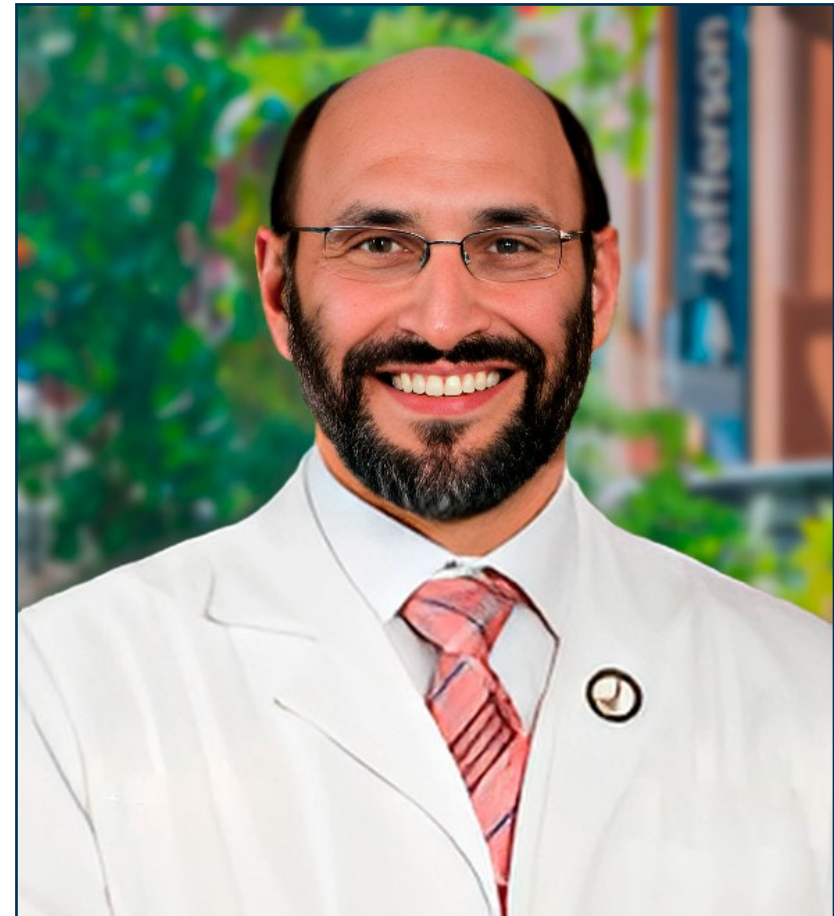
Dr. Alec Beekely is an international eminence in Bariatric and Metabolic Surgery. Throughout his career, this specialist has mastered the most disruptive tools and procedures to intervene patients with pathologies such as Morbid Obesity, Diabetes, among others. Thanks to his extensive experience and continuous updating, he has become the Director of the surgical program, focused on this area, at Thomas Jefferson University Hospital in the United States.

At the same time, the expert maintains close ties with the Trauma and Intensive Care Service of the same health institution. Through this work, he has performed operations on people in serious or acute conditions and, in turn, supervises the progress of residents and interns under his care. In addition, he is an instructor of Advanced Life Support in Trauma.

Similarly, his research career has been linked to clinical analysis projects. In particular, Dr. Beekley has addressed in depth the management of the Roux-en-Y gastric bypass technique and its subsequent outcomes such as weight loss and ulceration. He is also a scientific reviewer for multiple peer-reviewed journals such as Surgery for Obesity and Related Diseases and the Journal of Trauma.

On the other hand, this specialist has a long career in the medical-war context. His beginnings in the field of military surgery have been linked to combat and extreme situations such as the wars in Afghanistan and Iraq. Given his merits in this complex field, he has received various awards such as the Bronze and Meritorious Service Medals awarded by his country's army.

Dr. Beekley has also been an active member of several scientific societies and committees. In this way, through his intense healthcare management, he has become a true reference in world medicine..



Dr. Beekley, Alec

- Director of the Metabolic and Bariatric Surgery Program at Thomas Jefferson University Hospital
- Advanced Life Support Instructor in the Trauma and Intensive Care Service at Thomas Jefferson University Hospital
- Director of the Combat Casualty Research Team at the 28th Combat Support Hospital in Baghdad, Iraq
- Staff Surgeon General, 102nd Forward Surgical Team, Kandahar, Afghanistan
- General Surgeon, Madigan Army Medical Center, Tacoma
- General Surgeon at Blanchfield Army Community Hospital in Kentucky
- M.D., Case Western Reserve University

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Thanks to TECH, you will be able to learn with the best professionals in the world”

Management



Dr. Priego Jiménez, Pablo

- Specialist Physician, Department of General and Digestive System Surgery, Ramón y Cajal University Hospital (Madrid). Esophagogastric, Bariatric and Minimally Invasive Surgery Unit (January 2015-present).
- PhD in Medicine from the University of Miguel Hernández de Elche (2013). (Outstanding Cum Laude).
- Fellowship in Gastric Oncology Surgery in the Gastric Cancer Department at Cancer Institute Hospital (Tokyo) with Professor Takeshi Sano (July 2018).
- Fellowship in Esophagogastric and Minimally Invasive Oncological Surgery in the Division of Esophageal and Upper Gastrointestinal Surgery at Queen Mary Hospital, Hong Kong with Professor Simon Law (January-March 2014).
- Degree in Medicine from the Complutense University Madrid (1996 - 2002).
- Master's Degree in Advanced Laparoscopic Surgery. University of Alcalá (2007).
- Master's Degree in Clinical Management, Medical, and Welfare Management. University of CEU(2019)
- Medical Specialist in the Department of General and Digestive System Surgery at the General Hospital of Villalba (Madrid). Esophagogastric and Bariatric Surgery Unit (Oct 2014- Dec 2014).
- Medical Specialist in the Department of General and Digestive System Surgery at the General University Hospital of Castellón. Esophagogastric, Hepatobiliopancreatic and Thoracic Surgery Unit (Jun 2008-Sep 2014).



Dr. Ruiz-Tovar Polo, Jaime

- Bariatric Surgeon in the Centre for Excellence for the Study and Treatment of Obesity. Valladolid. Bariatric Surgery Unit (2017-2020).
- Faculty Specialist in the Bariatric Surgery Unit. Rey Juan Carlos University Hospital, Madrid (2014-2020).
- Coordinator of the Bariatric Surgery Unit. Elche University General Hospital(2010 -2014)
- Specialist in General and Digestive Surgery. Henares University Hospital Madrid (2019-2020)
- Doctorate in Medicine from the Autonomous University Madrid
- Degree in Medicine from the Autonomous University of Madrid.
- Master's Degree in Advanced Laparoscopic Surgery. University of Alcalá
- Specialist in General and Digestive System Surgery
- Diploma of Progression Level Competence by the Spanish Society of Obesity Surgery (SECO).
- Diploma in Obesity and Metabolic Diseases Surgery. European Accreditation Council for Bariatric Surgery of IFSO. 2000 hours.

Professors

Dr. Gómez Correcher, María Amparo

- ♦ Department Specialist Physician at the Hospital Arnau de Vilanova from January 2019 to the present. PhD in Clinical and Surgical Sciences with the thesis entitled: Effect of axillary lavage with gentamicin solution on drainage debit after axillary lymphadenectomy in breast cancer patients. Miguel Hernández University. Tuesday, July 29, 2014.
- ♦ Specialist in General and Digestive System Surgery Training Period (RMI): 2010-2015. General Surgery Department. Elche University General Hospital.
- ♦ Degree in Medicine and Surgery. University of Valencia. Promotion 2003-2009. Member number 46-4621989 of the Very Illustrious Official College of Physicians of Valencia.
- ♦ Department Specialist at Vinaroz Hospital from May 2015- September 2015.
- ♦ Department Specialist Physician at Lliria Hospital from September 2015 to January 2019.
- ♦ Master's Degree in Clinical and Surgical Investigation from Miguel Hernández de Elche University 2010-2011 (60 credits).
- ♦ Master's Degree in Esthetic and Anti-aging Medicine from the Complutense University Madrid (2018- 2019).
- ♦ Expert in Pelvic Floor University Specialist in Pelvic Floor Pathology in Surgery. 300 hours.

Dr. Díez del Val, Ismael

- ♦ Head of Esophago-gastric and Bariatric Surgery Section, Basurto University Hospital (Bilbao).
- ♦ ACS esophago-gastric surgery coordinator (2019 to present).
- ♦ ACS esophago-gastric surgery coordinator (2019 to present).
- ♦ Member of the Board of Directors of SECO
- ♦ Course in Bariatric Surgery from SECO

Dr. Frangi Caregnato, Andrés

- ♦ Physician Specialist in the General and Digestive System Surgery Department, Co-Coordinator of the Multidisciplinary Unit of Nutrition and Metabolic Surgery and Obesity at Sagunto Hospital since March 2016 - present.
- ♦ Co-Coordinator of Unit of Nutrition and Metabolic and Obesity Surgery, Sagunto Hospital. (2016 to present)
- ♦ PhD in Medicine from the University of Valencia, Valencia(2015)
- ♦ Specialist in General and Digestive System Surgery. RMI La Fe Hospital of Valencia (2004-2009).
- ♦ Degree in Medicine from La Plata National University, Buenos Aires, Argentine. (1994-2002)
- ♦ Physician Specialist of the General and Digestive System Surgery Department, in the Coloproctology Unit at the Sagunto Hospital from March 2012 - 2016.
- ♦ Physician Specialist in the General and Digestive System Surgery Department, in the Coloproctology Unit at Elche General University Hospital from May 2010 - January 2012.
- ♦ Physician Specialist in the General and Digestive System Surgery Department, in the Coloproctology Unit at La Fe University Hospital, Valencia from January 2010 - April 2010.

Dr. Rodríguez Carrillo, Rodolfo

- ♦ Co-Coordinator of the Bariatric and Metabolic Surgery Unit of the Sagunto Hospital (Valencia).
- ♦ Faculty Specialist in the Department of General and Digestive System Surgery at the Sagunto Hospital (Valencia).
- ♦ PhD in Medicine from the University of Valencia with an Outstanding Qualification and "Cum Laude" mention (Nov 2017).
- ♦ Degree in Medicine and Surgery: Faculty of Medicine and Dentistry. Valencia University. July 1999.
- ♦ Specialist in General and Digestive System Surgery. July 2005

- ♦ Resident Intern of General and Digestive Surgery by competitive examination from July 2000 to July 2005. General and Digestive System Surgery Department. Dr J.V. Roig Vi-la. Sagunto Hospital.
- ♦ Assistant Physician in the General Surgery and Digestive System Service at the De La Ribera Hospital (Alzira) July 2005 - May 2009.
- ♦ Assistant Physician in the General Surgery and Digestive System Service at De Manises Hospital (Valencia) May 2009 - February 2012.
- ♦ Assistant Physician in the General Surgery and Digestive System Service at Sagunto Hospital (Valencia) since February 2012.

Dr. Ortiz Larcozana, Javier

- ♦ Attending Physician for General and Digestive Surgery Service Basurto University Hospital. (1990-Present) with specialized activity in Bariatric and Metabolic Surgery since 2001.
- ♦ Coordinator of Bariatric and Metabolic Surgery of the Esophagogastric Unit, University Hospital. Basurto (2013-present).
- ♦ Degree in Medicine and Surgery - UPV/EHU, 1982)
- ♦ PhD in Medicine and Surgery - (UPV/EHU, 1989)
- ♦ Specialist in General and Digestive System Surgery (1989- RMI system)
- ♦ Collaborator (1985-89); Acting Full Professor (Chair of Surgery, Radiology and Physical Medicine UPV/EHU, 1990-92)
- ♦ Associate Professor of Surgery (Chair of Surgery, Radiology and Physical Medicine UPV/EHU, 1992-present).
- ♦ Postgraduate Professor (UPV/ EHU):
- ♦ Doctoral Degree Courses: Medical Degree
- ♦ Courses: Master's in Perioperative Care (Nursing Degree).
- ♦ Membership in national and international scientific societies **specialized in Obesity Surgery and Metabolic diseases and the study and treatment of nutritional disorders: SEC01, SEED02, IFSO3, SENPE4, AEC5.



Dr. Pujol, Juan

- ♦ Head of the General and Digestive Surgery Unit at Mi Tres Torres Clinic in Barcelona and coordinator of the Obesity and Metabolic Surgery Unit (UCOM).
- ♦ Course in Bariatric and Metabolic Surgery for the Spanish Society of Obesity Surgery, and founding member.
- ♦ World Society for Obesity Surgery Award for his professional career in 2003.
- ♦ Head of the Communication and Development Committee of the European Society for Obesity Surgery and member of the Scientific Research Committee of the World Society for Obesity Surgery (IFSO).
- ♦ More than 30 years of experience in the field of bariatric and metabolic surgery, in which he has treated hundreds of cases.

Dr. Balagué Ponz, M Carmen

- ♦ Attending Physician for General and Digestive Surgery Services at Hospital de la Sta. Creu i Sant Pau in Barcelona.
- ♦ Coordinator of the Functional Unit of Bariatric and Metabolic Surgery of the Hospital de la Sta. Creu i Sant Pau in Barcelona.
- ♦ Degree in Medicine and Surgery from the University of Barcelona. 1,989
- ♦ Specialist in General and Digestive Surgery. MIR 1,991-95 Barcelona Clinical Hospital
- ♦ PhD in Medicine and Surgery from the University of Barcelona. 1,998
- ♦ Attending Physician for General Surgery Services at Clinical Hospital Barcelona. 1999-2002.
- ♦ Professor of Surgery at UD Sant Pau. Autonomous University of Barcelona (2007).

Dr. Beisani Pellise, Marc

- ♦ Member of the Animal Experimentation Ethics Committee at the Center of Applied Experimental Biomedicine (CREBA) in Lleida (2016-2020).
- ♦ ACS Fellowship in Bariatric Surgery at the Hospital Universitari Vall d'Hebron (2019-2020).
- ♦ PhD in Surgery from the Autonomous University of Barcelona (2018) (Outstanding Cum Laude).
- ♦ Specialist in General and Digestive System Surgery at Vall d'Hebron University Hospital (2010-2015).
- ♦ Master's Degree in Applied Clinical Research in Health Sciences from the Autonomous University of Barcelona (2011).
- ♦ Degree in Medicine from the University of Barcelona (1999 - 2007).
- ♦ Attending Physician in the Surgery Unit at Mar Hospital, Barcelona (2018-2019).
- ♦ Coordinator of Surgical Activity at the Center for Applied Experimental Biomedicine (CREBA) in Lleida (2016-2018).
- ♦ Attending Physician in the Surgery Unit at Arnau de Vilanova Hospital, Lleida (2015-2018).

Dr. García Ruíz, Amador

- ♦ Faculty Specialist in Services Commissions at Vall d'Hebron University Hospital, Barcelona since January 2019.
- ♦ Degree in Medicine. Faculty of Medicine and Dentistry. Basque Country University / Euskal Herriko
- ♦ PhD from the University of the Basque Country / Euskal Herriko Unibertsitatea. Doctoral Thesis 19/11/2015 entitled: Critical Analysis of Vertical Gastrectomy as a Bariatric Surgical Technique. Outstanding Cum Laude Qualification.
- ♦ Diploma in Research Methodology: Design and Statistics in Health Sciences. Autonomous University of Barcelona.

- ♦ Resident of General and Digestive System Surgery. Bellvitge University Hospital, Llobregat Hospital. Barcelona: 16th June 2003 - 15th June 2008
- ♦ External rotation at the Surgery Department of the Western General Hospital. Colorectal Unit. Edinburgh (United Kingdom). February-April 2008
- ♦ Assistant of the General and Digestive System Surgery Service of the Bellvitge University Hospital from 1/1/2009 to 31/5/2018.
- ♦ Statutory position since 1/6/2018.

Dr. Antozzi, Luciano

- ♦ Vice-coordinator of the Bariatric Endoscopy Committee of the Argentine Society of Obesity Surgery.
- ♦ PhD in Medicine from Maimónides University, Buenos Aires, Argentina.
- ♦ Clinical Surgical Specialist awarded by District X - Italian Hospital of Bahía Blanca.
- ♦ Bariatric Surgery Specialist.
- ♦ Specialist in esophago-gastric surgery and therapeutic endoscopy of the upper digestive tract.
- ♦ Intern at the Surgery Department of the Hospital Italiano, Bahía Blanca, Argentina
- ♦ Intern in the Esophago-gastric Department at the Italian Hospital of Bahía Blanca.
- ♦ Coordinator of the Esophago-gastric Surgery Department at the Italian Hospital of Bahía Blanca.
- ♦ Bariatric surgery intern at the Bahía Blanca Special Surgery Center.
- ♦ Active Member of the Argentinian Association of Surgery.
- ♦ Member of the Esophago-gastric Surgery Committee of the Argentinean Association of Surgery.
- ♦ Active member of the Argentine Society of Obesity Surgery.



04

Structure and Content

The contents of this Postgraduate Certificate have been developed by the different experts in this course, with a clear purpose: allow students to acquire each and every one of the necessary skills to become true expert in this subject matter. A complete and well-structured program that will take you to the highest standards of quality and success.





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A comprehensive teaching program, structured in well-developed teaching units, oriented toward learning that is compatible with your personal and professional life”

Module 1 Revision Surgery

- 1.1. Definition and Indications of Revision Surgery
 - 1.1.1. Definition and Indicators of the Success or Failure of the Bariatric Surgery
 - 1.1.2. Indications of Revision Surgery
 - 1.1.3. General Features of Revision Surgery
 - 1.1.4. Surgical Strategy in Revision Surgery
 - 1.1.5. General Criteria According to the Type of Primary Technique
- 1.2. Revision Surgery of Techniques No-Longer Used
 - 1.2.1. Introduction Historical Review
 - 1.2.2. Description of Techniques No-Longer Used
 - 1.2.3. Indications of Revision Surgery
 - 1.2.4. Preoperative Study and Preparation of the Patient
 - 1.2.5. Therapy Options
 - 1.2.6. Conclusions
- 1.3. Revision Surgery Following Adjustable Gastric Band
 - 1.3.1. Introduction, Indications and Basic Principles When Should We Consider Bandage Revision Surgery?
 - 1.3.2. Revision Surgery Following Adjustable Gastric Band Technique Analysis of Surgery
 - 1.3.3. Revision Surgery Following Adjustable Gastric Band: Results
- 1.4. Revision Surgery after a Vertical Gastrectomy
 - 1.4.1. Motives and Candidates for Revision Surgery after a Vertical Gastrectomy
 - 1.4.2. Revision Surgery Due To Insufficient Loss or Weight Regain after Vertical Gastrectomy
 - 1.4.1.1. Duodenal Crossover / SADI-S Revision or 2nd Part
 - 1.4.1.2. Gastric Bypass as an Alternative to Duodenal Crossover
 - 1.4.1.3. Other Possible Alternatives?
 - 1.4.2. Revision surgery for GER after Vertical Gastrectomy
 - 1.4.2.1. Gastric By-Pass as the Best Option
 - 1.4.2.2. Other Possible Alternatives?



- 1.5. Revision Surgery after a Gastric Bypass
 - 1.5.1. Introduction
 - 1.5.2. Indications
 - 1.5.2.1. Insufficient Weight Loss
 - 1.5.2.2. Weight Regain
 - 1.5.2.3. Persistence of Comorbidities
 - 1.5.2.4. Late Complications
 - 1.5.2.4.1. Reservoir Dilatation
 - 1.5.2.4.2. Alterations of the Gastro-Gastric Anastomosis
 - 1.5.2.4.3. Gastroesophageal Reflux
 - 1.5.2.4.5. Internal Hernias
 - 1.5.2.4.6. Malnutrition
 - 1.5.2.4.7. Hypoglycemia
 - 1.5.3. Technical Aspects
 - 1.5.3.1. Reconfiguration of the Reservoir
 - 1.5.3.2. Reparation of the Gastro-Gastric Anastomosis
 - 1.5.3.3. Modification of Handle Length
 - 1.5.3.4. Conversion of Normal Anatomy
 - 1.5.4. Conclusions
- 1.6. Revision Surgery after a One Anastomosis Bypass
 - 1.6.1. Introduction
 - 1.6.2. Relevance of a Correct Technique
 - 1.6.3. Indications
 - 1.6.3.1. Weight Loss or Weight Regain
 - 1.6.3.2. Persistence of Comorbidities
 - 1.6.3.3. Gastroesophageal Reflux
 - 1.6.3.4. Nutritional Disorders
 - 1.6.4. Technical Aspects
 - 1.6.5. Results
 - 1.6.6. Conclusions
- 1.7. Revision Surgery after a Duodenal Crossover
 - 1.7.1. Revision Surgery after a Duodenal Crossover
 - 1.7.1.1. Revision Surgery for Nutritional Complications
 - 1.7.1.1.1. Indications
 - 1.7.1.1.2. Technique Options
 - 1.7.2. Revision Surgery for Insufficient Weight Loss or Weight Regain after Duodenal Crossover
 - 1.7.2.1. Indications
 - 1.7.2.2. Technique Options
- 1.8. Revision surgery after BPD
 - 1.8.1. Indications of Revision Surgery for Biliopancreatic Diversion
 - 1.8.2. Revision Surgery Due To Insufficient Loss or Weight Regain after Biliopancreatic Diversion
 - 1.8.3. Medical-Surgical Criteria for Revision Surgery For Protein Malabsorption
 - 1.8.3.1. Technique Options in Revision Surgery for Severe Protein Deficiency
 - 1.8.4. Revision Surgery in Ulcerative Complications of Gastrojejunal Anastomosis in Biliopancreatic Diversion
- 1.9. Revision surgery after SADI-S
 - 1.9.1. Medium and Long-Term Results of SADI-S, Common Problems
 - 1.9.2. Indications of Revision Surgery after SADI-S
 - 1.9.3. Technique Options in Revision Surgery for Severe Protein Deficiency
- 1.10. Role of Endoscopic Surgery in the Management of Complications and Weight Regain
 - 1.10.1. Introduction
 - 1.10.2. Gastrointestinal Bleeding
 - 1.10.3. Anastomotic Ulcers
 - 1.10.4. Stenosis
 - 1.10.5. Leakages and Fistulas
 - 1.10.6. Pancreatobiliary Pathology
 - 1.10.7. Weight Regain

05

Methodology

This training provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

This teaching system is used in the most prestigious medical schools in the world, and major publications such as the ***New England Journal of Medicine*** have considered it to be one of the most effective.



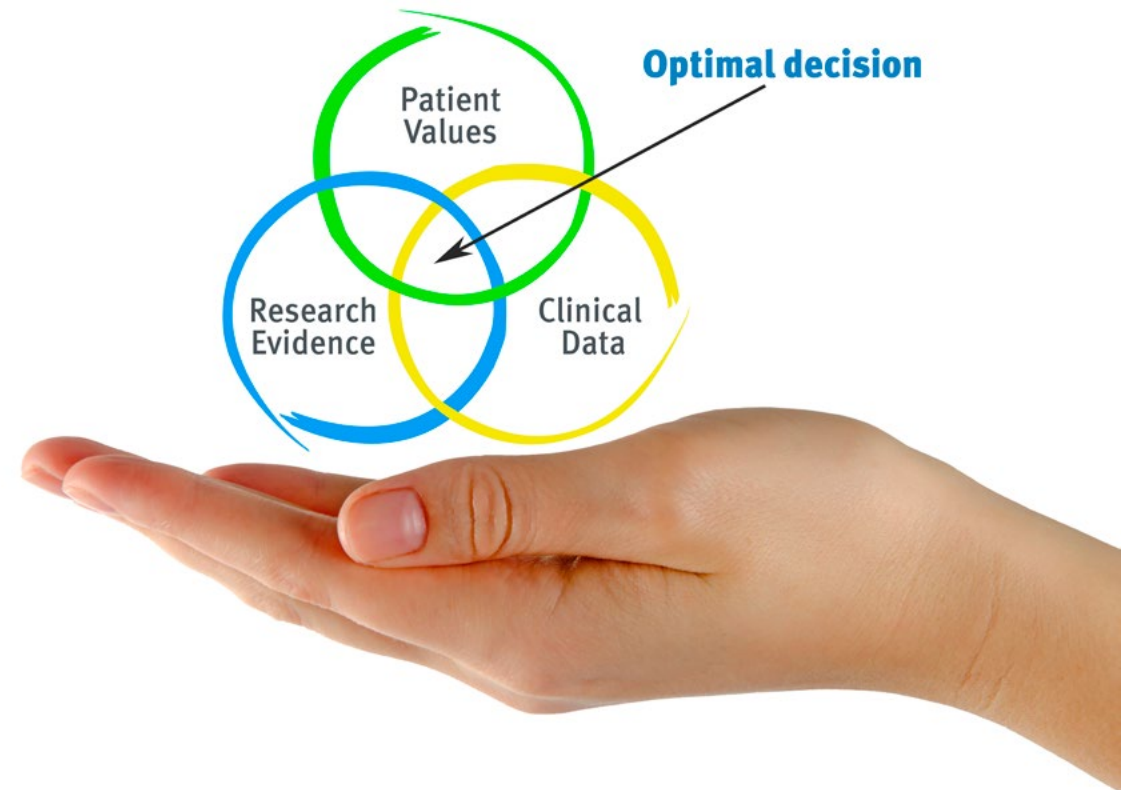
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Discover Re-learning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization”

At TECH we use the Case Method

In a given situation, what would you do? Throughout the program you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, 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 can experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gervas, 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 potential 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.

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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:

1. Students who follow this method not only grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on 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.



Re-learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.



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

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

With this methodology we have trained more than 250,000 physicians with unprecedented success, in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Re-learning will allow you to learn with less effort and better performance, involving you more in your training, 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 (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

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



In this program you will have access to the best educational material, prepared with you 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Latest Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



Interactive Summaries

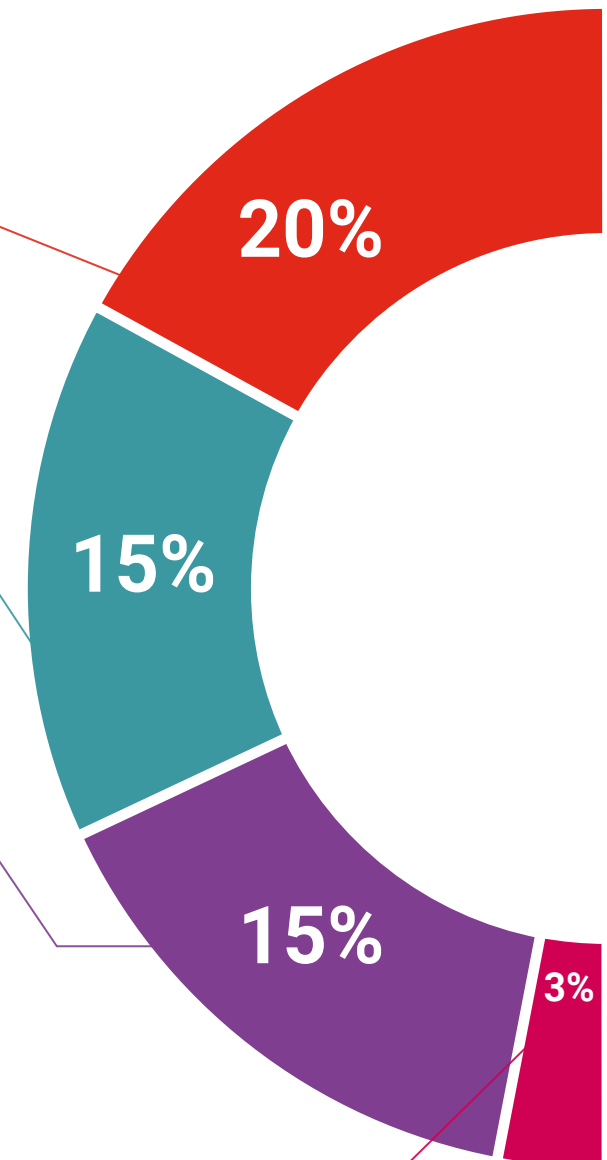
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

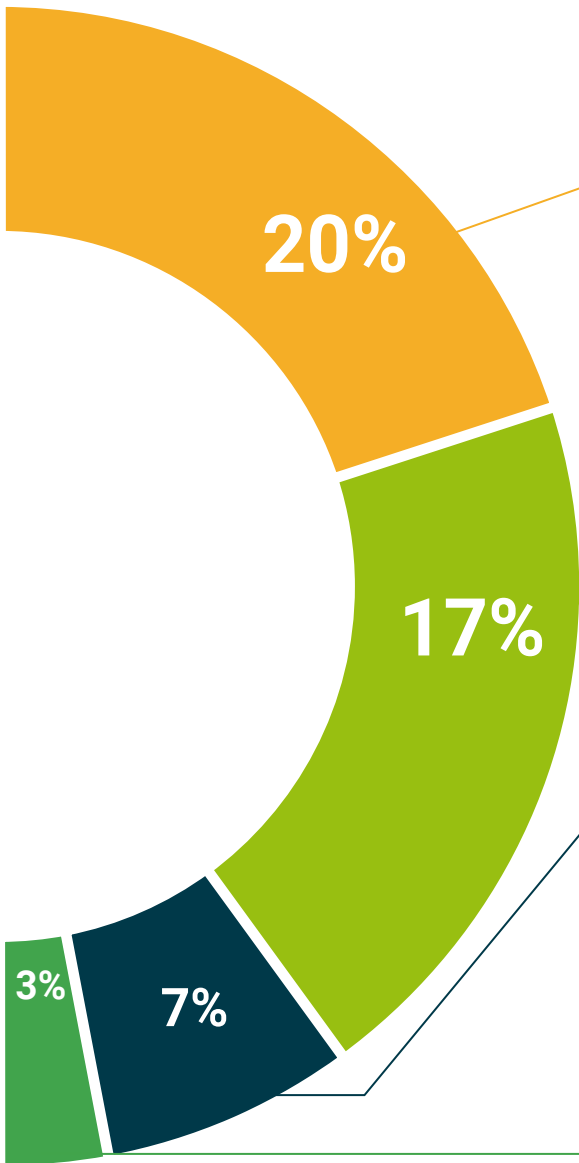
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through the care provided and the resolution of different situations: a clear and direct way to achieve the highest level of understanding.



Testing & Retesting

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your goals.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an expert strengthens knowledge and memory, and generates confidence in our future difficult decisions.



Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



06 Certificate

The **Postgraduate Certificate in Bariatric Revision Surgery** guarantees, in addition to a rigorous and updated training, access to a qualification issued by **TECH Technological University**.





“

Successfully complete this training and receive your diploma without travel or laborious paperwork”

This **Postgraduate Certificate in Bariatric Revision Surgery** contains the most complete and up-to-date scientific program on the market.

After the student has passed the evaluations, they will receive their corresponding **certificate** issued by **TECH Technological University via tracked delivery**.

The certificate issued by **TECH Technological University**, will specify the qualification obtained through the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Bariatric Revision Surgery**

ECTS: **6**

Official Number of Hours: **150**



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

health future
confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present quality
development languages
virtual classroom



Postgraduate Certificate
Bariatric Revision Surgery

Course Modality: Online

Duration: 6 weeks

Certificate: TECH Technological University

6 ECTS Credits

Teaching Hours: 150 hours.

Postgraduate Certificate Bariatric Revision Surgery