

Postgraduate Diploma

Multiple Gestation

Ultrasound, Echocardiography
and Fetal Neurosonography



Postgraduate Diploma Multiple Gestation Ultrasound, Echocardiography and Fetal Neurosonography

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Credits: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-multiple-gestation-ultrasound-echocardiography-fetal-neurosonography

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01

Introduction

If some of the more complex areas of obstetric ultrasound were to be defined, some of them would undoubtedly be those dedicated to multiple gestation, echocardiography and fetal neurosonography. The overwhelming technological advance produced in recent years has made these ultrasound areas gain noticeable growth, laying the foundations of knowledge and practice of the most advanced specialists. This qualification arises to provide the specialists with a global and complete vision of these subjects, focusing on issues such as different cardiac malformations, ischemic disorders or cystic pathology and the implications of monochorionic gestation, among other topics of great interest. In addition, the format without face-to-face classes or pre-set schedules greatly favors its flexibility.



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*Examine the latest developments
in ventriculomegaly, septal defects
and preeclampsia screening”*

It is not surprising that, given the continuous developments in imaging techniques and diagnostic equipment, a field of action is particularly favorable for the best trained specialists in the area. Therefore, and focusing on the gynecological field, the ability to diagnose malformations and complex pathologies even in the fetal stage becomes an essential advantage that every expert in the area must possess.

For this same reason, TECH has developed a complete program with which the specialists can update on the most important developments related to the management of multiple gestation, echocardiography and fetal neurosonography. The team of specialists in charge of this program has a long clinical career in Gynecology and Obstetrics, providing a necessary practical perspective to all the content provided.

In addition, the format of the Postgraduate Diploma is 100% online, which implies total freedom for the students to assume the teaching load at their own pace. All the contents and multimedia resources of the Virtual Campus are available from any device with an Internet connection, and can be downloaded and studied later from the comfort of the tablet, smartphone or computer of preference.

This **Postgraduate Diploma in Multiple Gestation Ultrasound, Echocardiography and Fetal Neurosonography** contains the most complete and up-to-date scientific program on the market. Its most outstanding features are:

- ♦ The development of practical cases presented by experts in Obstetrics, Ultrasound and Gynecology
- ♦ Graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where self-assessment can be used to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ 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



Get up to date on everything related to Fetal Echocardiography and Neurosonography, techniques as complex as advanced and necessary in clinical practice"

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You will have access to a multitude of case studies and real examples provided by the teachers themselves, giving you a totally practical approach from the beginning of the program"

You will be able to decide how and when to assume the entire teaching load, as you will not be restricted by the presence of the classes or inflexible schedules.

The Virtual Campus is accessible 24 hours a day, allowing you to download the entire content and review it at your own pace or preferences.

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professionals with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professionals must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the students will be assisted by an innovative interactive video system created by renowned experts.



02

Objectives

Given the breadth of the fields of Multiple Gestation, Echocardiography and Fetal Neurosonography, the objective of this Postgraduate Diploma is to offer a general and updated understanding of all these areas. The specialists will review the techniques and protocols used in the conduct of these tests, seeing the practical approach of how to interpret and use the results obtained



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Update yourself in advanced techniques of functional echocardiography, as well as in the management of cystic pathology of the central nervous system”



General Objectives

- ♦ Get to know in depth the normal gynecological and obstetric ultrasound study, as well as the most used techniques
- ♦ Have an in-depth knowledge of the malformations that can be diagnosed in the first trimester of gestation and the ultrasound markers, as well as the invasive techniques and screening for aneuploidy and preeclampsia and the usefulness of fetal DNA in maternal blood
- ♦ Study the diagnosable pathology in the third trimester as well as intrauterine growth restriction and fetal hemodynamics, correctly applying maternal-fetal Doppler
- ♦ Learn the most important concepts about fetal neurosonography and echocardiography as well as the most relevant pathologies
- ♦ Study multiple gestation (monochorionic and bicorionic) and its most frequent complications



You will meet even your highest expectations thanks to a detailed and comprehensive syllabus"





Specific Objectives

Module 1. Multiple Gestation

- ♦ Study the embryology of multiple gestation in order to correctly understand its classification and ultrasound diagnosis
- ♦ Learn in depth the ultrasound diagnosis and follow-up of dichorionic and monochorionic twin gestation
- ♦ Learn how to correctly diagnose the main alterations of monochorionic gestation (TAPS, TRAP and TFF)
- ♦ Understand how to diagnose and follow up on growth retardation in twin gestation in monochorionic and dichorionic twin gestation
- ♦ Study screening for preeclampsia and preterm delivery in twin gestation in twin gestation
- ♦ Study the consequences of twin death and how to manage this condition

Module 2. Fetal Echocardiography

- ♦ Study the normal morphological and functional echocardiographic study and its main echocardiographic sections
- ♦ Understand comprehensively the alterations of the right and left heart, their diagnosis and prognosis
- ♦ Learn the main conotruncal anomalies, their diagnosis and prognosis.
- ♦ Understand in depth the main anomalies of venous return, their diagnosis and prognosis
- ♦ Study the main anomalies of cardiac position and situs, their diagnosis and implications

Module 3. Fetal neurosonography

- ♦ Study the normal neurosonographic study and its main ultrasound sections
- ♦ Study the diagnosis of ventriculomegaly, its diagnosis and prognosis
- ♦ Know in depth the midline anomalies in the central nervous system, their diagnosis and prognosis
- ♦ Learn the main anomalies of the posterior fossa, their diagnosis and prognosis.
- ♦ Learn the main cystic pathologies of the central nervous system, their diagnosis and prognosis
- ♦ Study the main hemorrhagic or ischemic pathologies of the central nervous system, their diagnosis and prognosis
- ♦ Learn the main tumors of the central nervous system and their correct ultrasound diagnosis
- ♦ Learn the main applications of fetal MRI in the study of the central nervous system

03

Course Management

All the professionals involved in the elaboration of this Postgraduate Diploma have an extensive clinical experience in the most prestigious gynecological centers. It is their own experience and practice that brings a notable quality to all the content, because the most recent scientific theory is enriched with the most effective clinical methodology and approaches currently in the field of Multiple Gestation Ultrasound, Echocardiography and Fetal Neurosonography.



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You will have a personalized attention according to your interests, being able to solve your doubts directly with the teachers”

Management



Dr. García-Manau, Pablo

- Obstetrician and Gynecologist at Quirónsalud Hospital in Barcelona
- Assistant Physician of the Gynecology and Obstetrics Service at the University Hospital of Santa Creu i Sant Pau
- Specialist in Maternal-Fetal Medicine
- Specialist in Obstetric Ultrasound and Fetal Echocardiography
- Member of: Catalan Society of Obstetrics and Gynecology (SCOG) and Spanish Society of Gynecology and Obstetrics (SEGO)

Professors

Dr. De Diego Burillo, Raúl

- Clinical Chief of the Obstetrics Service at the Germans Trias i Pujol University Hospital. Badalona, Spain
- Specialist in Obstetrics and Gynecology at the Germans Trias i Pujol University Hospital
- PhD in Medicine and Surgery from the University of Barcelona
- Teacher associated with programs in his specialty

Dr. Parriego Martínez, Vanesa

- Specialist in Obstetrics and Gynecology at the Germans Trias i Pujol University Hospital.. Badalona, Spain
- Specialist in Maternal-Fetal Medicine
- Collaborating Professor of Obstetrics and Gynecology
- Postgraduate in Maternal-Fetal Medicine and Fetal Medicine R&D

Dr. Peralta Gallego, Leia

- ♦ Specialist in Obstetrics and Gynecology at the Germans Trias i Pujol University Hospital.. Badalona, Spain
- ♦ Specialist in Maternal-Fetal Medicine
- ♦ Teacher and researcher at the service of her specialty.

Dr. Arévalo, Silvia

- ♦ Head of the Obstetrics Department at Vall d'Hebron University Hospital
- ♦ Specialist in Prenatal Diagnosis and Fetal Medicine and Maternal-Fetal Echocardiography
- ♦ Member of: Catalan Society of Obstetrics and Gynecology (SCOG) and Spanish Society of Gynecology and Obstetrics (SEGO)

Dr. Mendoza, Manel

- ♦ Head of the Placental Insufficiency Unit of the Obstetrics Department at Vall d'Hebron University Hospital
- ♦ Specialist of the Obstetrics Service of the Vall d'Hebron University Hospital.
- ♦ Doctor from the Autonomous University of Madrid
- ♦ Specialist in Maternal-Fetal Medicine
- ♦ Member of: Member of the Maternal-Fetal Medicine Section of the Catalan Society of Obstetrics and Gynecology (SCOG) and the Spanish Society of Gynecology and Obstetrics (SEGO)

Dr. Giralt, Gemma

- ♦ Pediatric Cardiology Service Specialist at the Vall d'Hebron University Hospital
- ♦ Specialist in Pediatrics and Pediatric Cardiology
- ♦ Member of Spanish Society of Cardiology (SEC), Member of the Imaging Section of the Spanish Society of Pediatric Cardiology and Congenital Heart Disease (SECPC)

Dr. López-Quesada, Eva

- ♦ Coordinator of the Obstetrics and Gynecology Service at the MútuaTerrassa University Hospital
- ♦ Specialist in Prenatal Diagnosis and Maternal-Fetal Medicine
- ♦ PhD from the Autonomous University of Barcelona
- ♦ Postgraduate in Fetal Medicine and in Clinical Genetics and Genomics
- ♦ Member of: Clinical Commission for Quality Control of First Trimester Ultrasound of Catalonia, Catalan Society of Obstetrics and Gynecology (SCOG) and Spanish Society of Gynecology and Obstetrics (SEGO)

Dr. Rodó, Carlota

- ♦ Attending Physician of the Obstetrics Service at the Vall d'Hebron University Hospital
- ♦ Specialist in Prenatal Diagnosis and Fetal Medicine and Maternal-Fetal neurosonography
- ♦ PhD from the Autonomous University of Barcelona
- ♦ Member of the Spanish Association of Prenatal Diagnosis (AEDP) and of the Ultrasound Section of the Catalan Society of Obstetrics and Gynecology (SCOG).
- ♦ Member of the Spanish Society of Gynecology and Obstetrics (SEGO)

Dr. Ferrer, Queralt

- ♦ Specialist in the Pediatric Cardiology Service at the Vall d'Hebron Hospital
- ♦ Specialist in Pediatric and Fetal Cardiology at the Hospital Universitario Dexeus
- ♦ Specialist in Pediatrics and Pediatric Cardiology
- ♦ Member of: Fetal Cardiology Working Group of the European Society of Pediatric Cardiology and Fetal Cardiology Working Group of the Spanish Society of Pediatric Cardiology

Dr. Vilà Casas, Joan

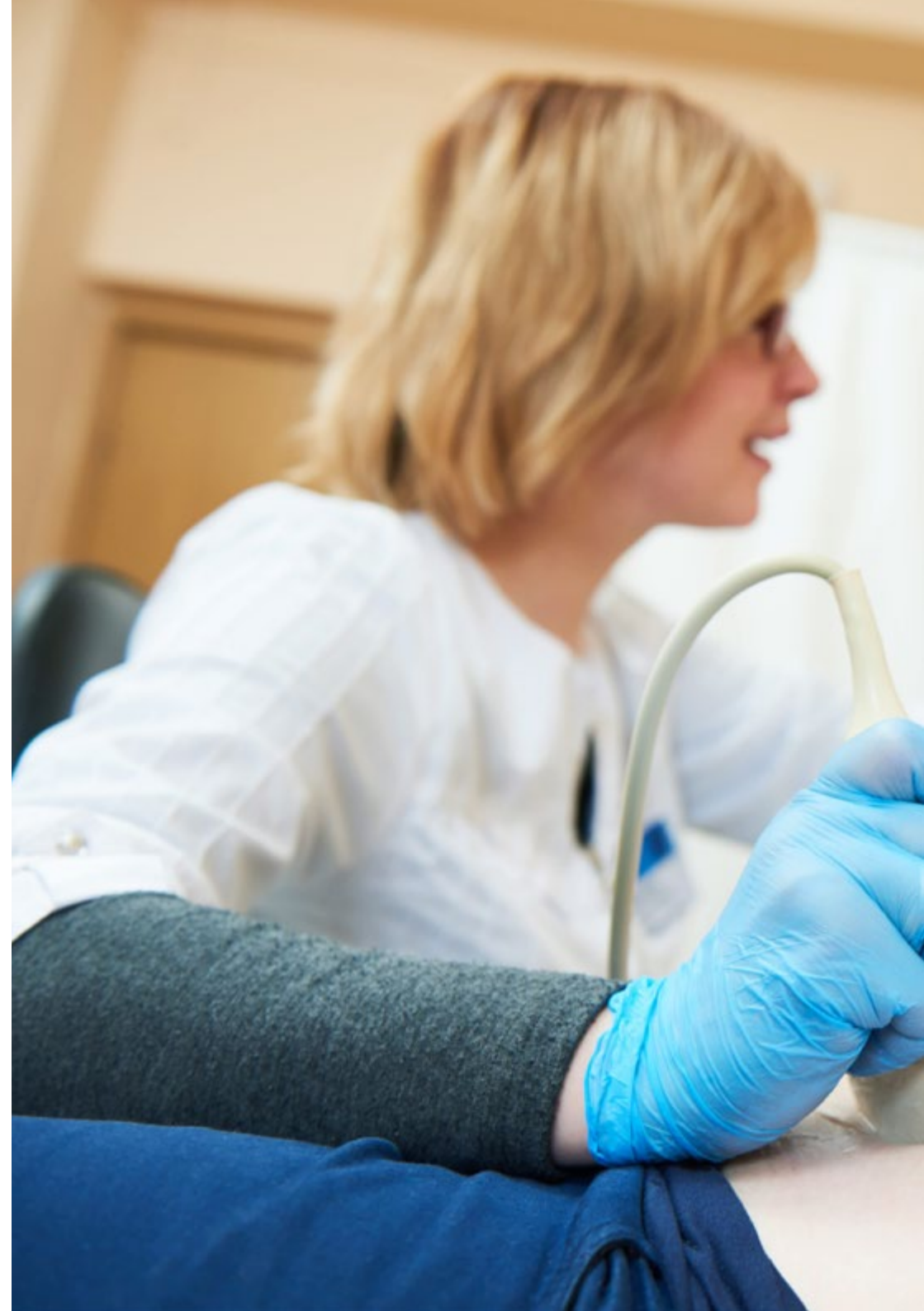
- ◆ Specialist in the Obstetric Ultrasound Unit of the Obstetrics Service of the Vall d'Hebron University Hospital
- ◆ Specialist in the Obstetrics Service of the Vall d'Hebron University Hospital.
- ◆ Specialist in Obstetric Ultrasound

Dr. Maroto, Anna

- ◆ Chief of Gynecology and Obstetrics Service at the University Hospital Doctor Josep Trueta
- ◆ Specialist in Fetal Medicine
- ◆ Associate Professor at University of Girona
- ◆ Member of the Ultrasound and Fetal Medicine Section of the Catalan Society of Obstetrics and Gynecology (SCOG)
- ◆ PhD from the Autonomous University of Barcelona

Dr. Grau Company, Laia

- ◆ Specialist in Obstetrics and Gynecology at the Germans Trias i Pujol University Hospital.. Badalona, Spain
- ◆ Specialist in Maternal-Fetal Medicine at the University Hospital Germans Trias i Pujol
- ◆ Member of: Fetal Neurology Working Group of the Germans Trias i Pujol University Hospital
- ◆ Training stay in Fetal Medicine at the Center for Maternal, Fetal and Neonatal Medicine of Barcelona, BCNatal
- ◆ Collaborating Professor of Obstetrics and Gynecology





Dr. Zientalska Fedonczuk, Aneta

- ◆ Coordinator of the Fetal Medicine Unit of the Obstetrics Department at the Germans Trias i Pujol University Hospital
- ◆ Member of: Fetal Cardiology Working Group at the Germans Trias i Pujol University Hospital, Ultrasound and Fetal Medicine Section of the Academy of Medical Sciences of Catalonia and the Balearic and First Trimester Ultrasound Quality Control Group of the Department of Health of the Generalitat de Catalunya
- ◆ Specialist in Obstetrics and Gynecology at the Germans Trias i Pujol University Hospital

Dr. Hurtado Lupiañez, Iván

- ◆ Specialist in Obstetrics and Gynecology at the Germans Trias i Pujol University Hospital.. Badalona, Spain
- ◆ Specialist in Maternal-Fetal Medicine in the Fetal Neurology working group at the Germans Trias i Pujol University Hospital
- ◆ Interuniversity Diploma in Fetal Medicine awarded by the Sorbonne Universités at the Pierre and Marie Curie Faculty. Paris
- ◆ Associate Professor in Obstetrics and Gynecology
- ◆ PhD in Pediatrics, Obstetrics and Gynecology from the Autonomous University of Barcelona

Dr. Martínez, Clara

- ◆ Chief of Gynecology and Obstetrics Service at the University Hospital Doctor Josep Trueta
- ◆ Specialist in Prenatal Diagnosis
- ◆ Member of: Spanish Obstetric Safety Group

04

Structure and Content

Following the pedagogical methodology of Relearning, TECH has focused this Postgraduate Diploma to make it a fruitful and profitable academic experience for the specialist. Not only do we examine the most pressing developments in the ultrasound field, but the most relevant concepts of the subject are given gradually and repeatedly throughout the program. This means considerable savings in the necessary study hours, and the specialist can invest them in delving into those topics that generate greater interest.

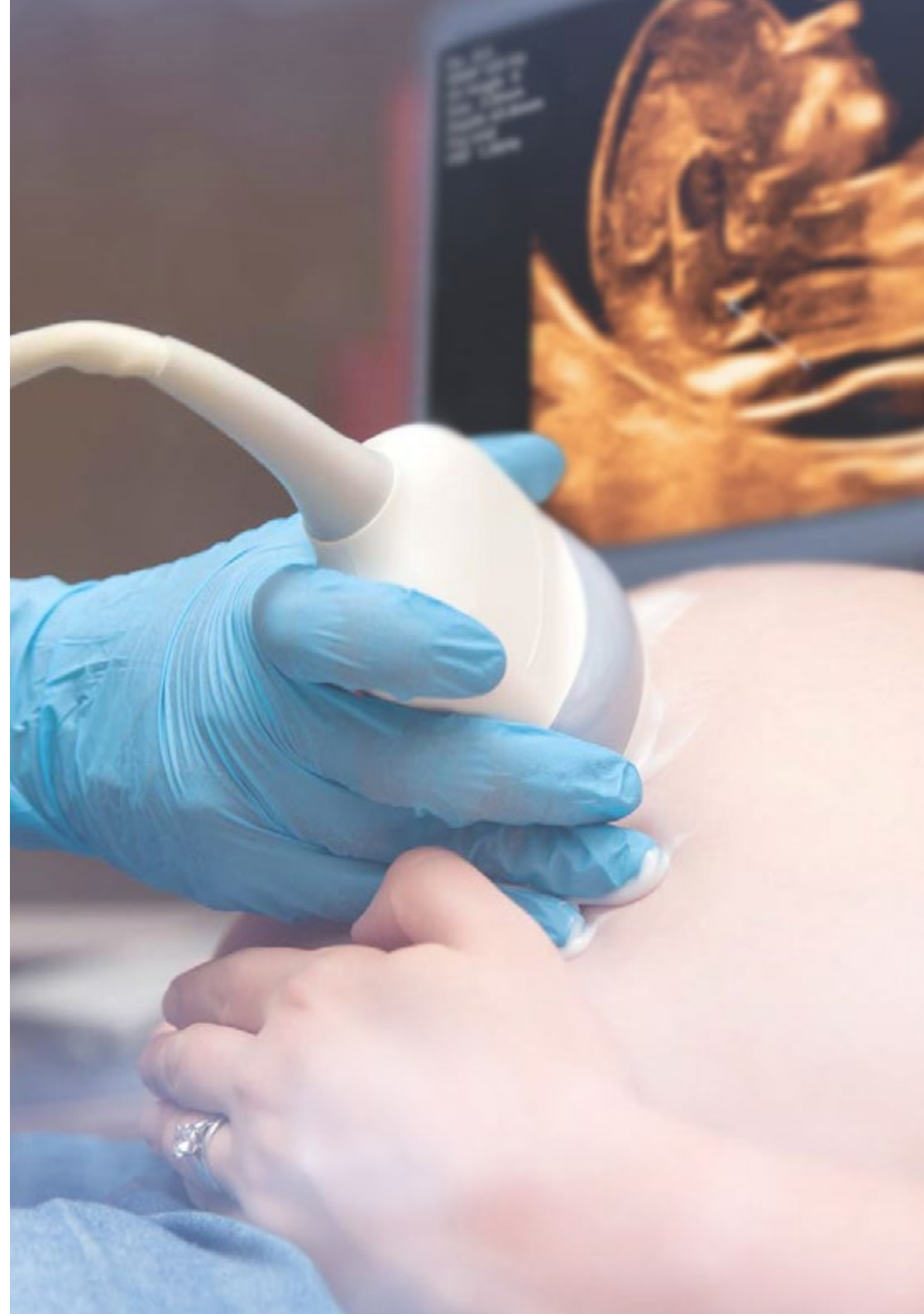


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You will be able to delve into the topics that most attract you through multiple readings and complementary resources provided throughout the syllabus”

Module 1. Multiple Gestation

- 1.1. Introduction and embryology
 - 1.1.1. Introduction
 - 1.1.2. Embryology
 - 1.1.3. Classification
- 1.2. Ultrasound Diagnosis Screening for aneuploidy in multiple pregnancies
 - 1.2.1. Introduction
 - 1.2.2. Ultrasound Diagnosis
 - 1.2.3. Dating
 - 1.2.4. First trimester aneuploidy screening
- 1.3. Two-chorionic twin gestation
 - 1.3.1. Introduction
 - 1.3.2. Follow-up of normoevolutionary two-chorionic gestation.
 - 1.3.3. Termination of normoevolutionary bicorial gestation
- 1.4. Normal monochorionic twin gestation
 - 1.4.1. Introduction
 - 1.4.2. Follow-up of nomoevolutionary monochorionic pregnancy
 - 1.4.3. Termination of normoevolutionary monochorionic gestation
- 1.5. Complicated monochorionic gestation (TAPS, TRAP, TFF)
 - 1.5.1. TAPS
 - 1.5.2. TRAP
 - 1.5.3. TFF
 - 1.5.4. Discordant structural malformation
- 1.6. Growth retardation in twin gestation (monochorionic and bicorionic)
 - 1.6.1. Introduction
 - 1.6.2. Delayed growth in two-chorionic gestation.
 - 1.6.3. Growth retardation in monochorionic gestation
- 1.7. Prevention and screening for preeclampsia
 - 1.7.1. Introduction
 - 1.7.2. First trimester preeclampsia screening
 - 1.7.3. Prevention of preeclampsia in twin gestations



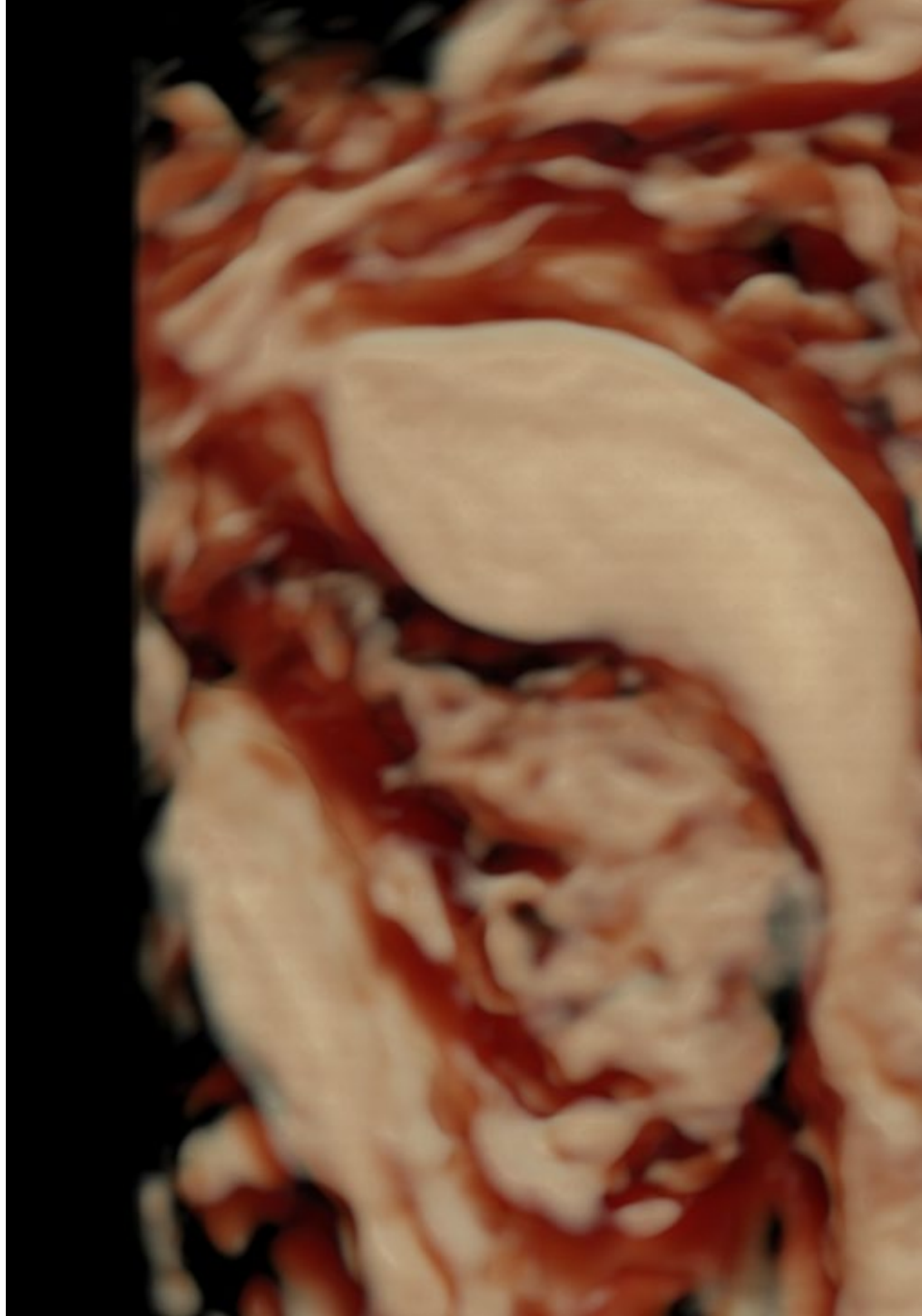
- 1.8. Screening for preterm delivery in twin gestation
 - 1.8.1. Introduction
 - 1.8.2. Cervical assessment, evidence
 - 1.8.3. Prevention of Prematurity
- 1.9. Fetal reduction in twin gestation
 - 1.9.1. Fetal reduction in monochorionic gestation
 - 1.9.2. Risks of fetal reduction
- 1.10. Fetal abortion in twin gestation
 - 1.10.1. Introduction
 - 1.10.2. Fetal abortion in two-chorionic gestation
 - 1.10.3. Fetal death in monochorionic gestation

Module 2. Fetal Echocardiography

- 2.1. Normal Fetal Echocardiography
 - 2.1.1. Indications for Fetal Echocardiography
 - 2.1.2. Fetal Echocardiography Technique
 - 2.1.3. Measurement of Cardiac Structures. Z-score
- 2.2. Cardiac Functional Study Normality
 - 2.2.1. Pathophysiology of Cardiac Dysfunction.
 - 2.2.2. Functional Echocardiography Technique
 - 2.2.3. Advanced Techniques.
- 2.3. Septal Defects
 - 2.3.1. Atrial Septal Defects
 - 2.3.2. Defects of the Interventricular Septum
 - 2.3.3. Atrioventricular Septal Defects
 - 2.3.4. Double Inlet Single Ventricle
- 2.4. Right Heart Defects
 - 2.4.1. Tricuspid Pathology
 - 2.4.2. Pulmonary Stenosis.
 - 2.4.3. Complete Septal Pulmonary Atresia
- 2.5. Left Heart Defects
 - 2.5.1. Mitral Pathology
 - 2.5.2. Aortic Stenosis
 - 2.5.3. Aortic Coarctation
 - 2.5.4. Interrupted Aortic Arch
- 2.6. Conotruncal Anomalies
 - 2.6.1. Tetralogy of Fallot
 - 2.6.2. Main Artery Transposition
 - 2.6.3. Double Outlet Right Ventricle
 - 2.6.4. Truncus Arteriosus
- 2.7. Venous Return Abnormalities
 - 2.7.1. Superior Vena Cava Abnormalities
 - 2.7.2. Inferior Vena Cava Filter Abnormalities
 - 2.7.3. Persistence of the Right Umbilical Vein
 - 2.7.4. Venous Ductus Venosus Agenesis
- 2.8. Abnormalities of Cardiac and Situs Position
 - 2.8.1. Situs Abnormalities
 - 2.8.2. Heterotaxy Syndromes
- 2.9. Cardiac Rhythm Abnormalities
 - 2.9.1. Irregular Rhythms
 - 2.9.2. Bradycardias
 - 2.9.3. Tachycardias

Module 3. Fetal neurosonography

- 3.1. Fetal neurosonography. Normality
 - 3.1.1. Indications for fetal neurosonography.
 - 3.1.2. Technique of fetal neurosonography
 - 3.1.3. Measurement of Brain Structures
- 3.2. Alterations of the Head Circumference and the Skull.
 - 3.2.1. Microcephaly
 - 3.2.2. Macrocephaly
 - 3.2.3. Encephalocele
 - 3.2.4. Other Alterations
- 3.3. Ventriculomegaly
 - 3.3.1. Ultrasound Diagnosis
 - 3.3.2. Etiology
 - 3.3.3. Associated Anomalies and Study
 - 3.3.4. Prognosis
 - 3.3.5. Recurrence
- 3.4. Midline Anomalies
 - 3.4.1. Corpus Callosum Anomalies
 - 3.4.2. Absence of cavum septi pellucidi
 - 3.4.3. Holoprosencephaly
- 3.5. Posterior Fossa Anomalies
 - 3.5.1. Dandy Walker Malformation
 - 3.5.2. Megacisterna Magna
 - 3.5.3. Blake's Cyst
 - 3.5.4. Vermis Hypoplasia
 - 3.5.5. Other Anomalies
- 3.6. Cystic Pathology of the Central Nervous System
 - 3.6.1. Choroid Plexus Cyst
 - 3.6.2. Connatal Cyst
 - 3.6.3. Arachnoid Cyst
 - 3.6.4. Other Alterations



- 3.7. Ischemic/Hemorrhagic Pathology of the Central Nervous System
 - 3.7.1. Porencephaly
 - 3.7.2. Schizencephaly
 - 3.7.3. Other Ischemic and Hemorrhagic Injuries
- 3.8. Tumors of the Central Nervous System and Vascular Anomalies
 - 3.8.1. Teratoma
 - 3.8.2. Tuberous Sclerosis
 - 3.8.3. Aneurysm of Galen's Vein
 - 3.8.4. Thrombosis of Dural Venous Sinuses
- 3.9. Sulcation Anomalies
 - 3.9.1. Introduction
 - 3.9.2. Lissencephaly
 - 3.9.3. Hemimegalencephaly
- 3.10. Magnetic Resonance Imaging in the Study of the Central Nervous System
 - 3.10.1. Introduction
 - 3.10.2. Indications
 - 3.10.3. Adequate Gestational Age for Fetal MRI
 - 3.10.4. Utility of fetal MRI in the study of the nervous system.



The quality of detailed videos, interactive summaries and case studies will be key in your upgrade process"

05 Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, 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 Relearning, 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

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.

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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 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.



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.



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.



06 Certificate

The Postgraduate Diploma in Multiple Gestation Ultrasound, Echocardiography and Fetal Neurosonography guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.





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Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”

This program will allow you to obtain your **Postgraduate Diploma in Multiple Gestation Ultrasound, Echocardiography and Fetal Neurosonography** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Multiple Gestation Ultrasound, Echocardiography and Fetal Neurosonography**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**



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

future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

tech global
university

personalized service innovation

knowledge presentation
online training

development languages

virtual classroom

Postgraduate Diploma Multiple Gestation Ultrasound, Echocardiography and Fetal Neurosonography

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Credits: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

Postgraduate Diploma

Multiple Gestation

Ultrasound, Echocardiography
and Fetal Neurosonography

