

## First Trimester Fetal Diagnosis An International Symposium Covento Delle Clarisse Rapallo Italy

[#first trimester diagnosis](#) [#fetal screening symposium](#) [#prenatal diagnosis international](#) [#Rapallo medical conference](#) [#early pregnancy ultrasound](#)

Explore the latest advancements in first trimester fetal diagnosis at this crucial international symposium. Held at Covento Delle Clarisse in scenic Rapallo, Italy, this event brings together global experts to discuss cutting-edge prenatal screening techniques and early pregnancy diagnostic challenges.

Students can use these dissertations as models for structuring their own work.

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First Trimester Fetal Diagnosis An International Symposium Covento Delle Clarisse Rapallo Italy

ISUOG First trimester fetal malformation course 27 February 2022 - ISUOG First trimester fetal malformation course 27 February 2022 by ISUOG Team 1,804 views 2 years ago 2 minutes, 23 seconds - In advance of our forthcoming **First Trimester Fetal**, Malformation course, Chair Prof. Simon Meagher shares this fascinating video ...

Preeclampsia, preterm birth and placental dysfunction at ISUOG's International Symposium #IS2021 - Preeclampsia, preterm birth and placental dysfunction at ISUOG's International Symposium #IS2021 by ISUOG Team 170 views 3 years ago 1 minute, 22 seconds - Screening for preeclampsia, preterm birth and placental dysfunction will be covered at our **International Symposium**, #IS2021 next ...

Introducing MamaAnne - Introducing MamaAnne by Laerdal Medical 594 views 3 weeks ago 2 minutes, 2 seconds - Training health professionals to deliver high-quality care during critical obstetric emergencies is essential in addressing the ...

Dr E. Krampl Bettelheim - CNS Anatomy in the First Trimester - Dr E. Krampl Bettelheim - CNS Anatomy in the First Trimester by Canon Medical Systems 311 views 5 years ago 21 minutes - Dr E. Krampl Bettelheim - CNS Anatomy in the **First Trimester**,. Recorded at ISUOG 2017.

The Fetal Brain

Sagittal section

Telencephalon

Metencephalon

Sagittal views

Transfrontal plane

Transmesencephalic plane

Transventricular plane

Transthalamic plane

Metencephalic plane

Dr. E. Krampl-Bettelheim at ISUOG 2017 - "CNS anatomy in the first trimester" - Dr. E. Krampl-Bettelheim at ISUOG 2017 - "CNS anatomy in the first trimester" by Canon Medical Systems Europe 1,611 views 6 years ago 20 minutes - Ultrasound session at ISUOG 2017 sponsored by Toshiba Medical Europe. In this video Dr. E. Krampl-Bettelheim talks about ...

Sagittal section

Telencephalon

Metencephalon

Sagittal views

Transfrontal plane

Transmesencephalic plane

Transventricular plane

Transthalamic plane

Metencephalic plane

ISUOG 2019 Miguel Branco on utilizing ultrasound imaging techniques during fetal brain evaluation -

ISUOG 2019 Miguel Branco on utilizing ultrasound imaging techniques during fetal brain evaluation by Canon Medical Systems Europe 6,870 views 3 years ago 25 minutes - In this Insight Session from ISUOG2019, Dr. Miguel Branco from Portugal presents on utilizing ultrasound imaging techniques in ...

The Anatomy

Optic Chiasma

Dilated Csp

Summary

Overview of the Brain

Sagittal Evaluation

Coronal Evaluation

Measure the Csp

How Do You Measure the Anterior Ventricle

Dr. Jader Cruz at ISUOG 2017 - "First trimester structural abnormalities" - Dr. Jader Cruz at ISUOG 2017 - "First trimester structural abnormalities" by Canon Medical Systems Europe 2,656 views 6 years ago 37 minutes - Ultrasound session at ISUOG 2017 sponsored by Toshiba Medical Europe. In this video Dr. Jader Cruz talks about "**First trimester**, ...

Intro

Importance of first trimester ultrasound

Three types of structural abnormalities

Examples of abnormalities not seen in the first trimester

Examples of abnormalities seen in the first trimester

Holoprosencephaly

Liver

Megacyst

Potentially detectable abnormalities

Cleft palate

Cardiac Anomalies

Support Micro Vascular Imaging

Pulmonary Artery

Visualization

Detection

Mid-trimester Fetal Ultrasound Certificate Course at #IS2021 - Dr Angela Ranzini. - Mid-trimester Fetal Ultrasound Certificate Course at #IS2021 - Dr Angela Ranzini. by ISUOG Team 408 views 3 years ago 1 minute, 9 seconds - Make sure you register in advance for the Mid-**trimester Fetal**, Ultrasound Certificate Course at #IS2021. Hear more about this ...

Introduction

Course Overview

Outro

Basics in Perinatal Neurosonography - Basics in Perinatal Neurosonography by Radiology Video - radiology made easy 51,244 views 7 years ago 37 minutes - Basics in Perinatal Neurosonography.

Intro

Central Nervous System Anomalies

Fetal Brain Anomalies

The normal temporal brain can look echopenic enough to suggest hydrocephalus

Fetal Neurosonography Normal Findings

Mr. Peanut

Ventriculomegaly/ Hydrocephalus

Ventriculomegaly (Hydrocephalus) often presenting sign of CSF abnormality

Hydrocephalus/Ventriculomegaly a key (& at times difficult) diagnosis

Hydrocephalus measurement of the ventricular atrium

Another example.....

NEONATE

Absent Septum Pellucidum

Anencephaly

Cephalocele/Encephalocele

Abdominal Findings

3D reconstructions

Myelomeningocele (MMC)- Evaluating the Spine

Another Sign of MMC Lemon Sign

Holoprosencephaly: Worst-Alobar : Single ventricle, Fused Thalami

Cebocephaly – Single Nostril

Dandy Walker Complex Spectrum of Abnormalities

Some postnatal images

Agenesis of the Corpus Callosum

ISUOG 2021 Miguel Branco – Neurosonography guidelines through clinical cases - ISUOG 2021-

Miguel Branco – Neurosonography guidelines through clinical cases by Canon Medical Systems

7,061 views 2 years ago 24 minutes - Presented at ISUOG 2021, Dr. Miguel Branco from Coimbra,

Portugal discusses the neurosonography guidelines in various ...

Coronal view - Transfrontal plane

Coronal view - Transthalamic plane

First trimester fetal neurosonography

Beyond the 'Nuchal'- Getting the Most from the 11-14 Week Ultrasound | Michelle Sutherland | AFIC

- Beyond the 'Nuchal'- Getting the Most from the 11-14 Week Ultrasound | Michelle Sutherland | AFIC

by Advanced Fetal Imaging 2,347 views 2 years ago 44 minutes - Michelle Sutherland CRGS, RDMS,

RVT, RDCS optimizes imaging parameters and techniques in the **first trimester**,, identifies ...

Intro

Nuchal Translucency (NT) measurement

NIPT-Non-invasive Prenatal Screen (Harmony Test)

What does this mean for the future of the Late First Trimester Ultrasound?

What needs to change?

13w6d Basic Anatomy

Approach to Scanning 11-13w6d

Mid Sagittal Profile Nuchal Translucency (NT) Image

Absent/Hypoplastic Nasal Bone

Maxillary Gap 11-13w6d- Look For A Short Palate

RNT View Palate Assessment

RNT View. Palate Assessment

RNT View/Coronal Mandibular Gap- Normal 11-13w6d

Mid Sagittal Assessment of Fetal Cranium/ Forehead Assessment

Crown Rump Length (CRL)

Abnormal Cranial Shape. "Lemon" Shaped Cranium

Arnold Chiari Malformation

"CRASH" Sign Open Spina Bifida

Abnormal Cranial Shape- Acrania Anencephaly/Exencephaly

Cyclopia- 1 Single Orbit

Congenital Diaphragmatic Hernia (CDH)

Normal 3VC/2UA-11-13w6d Images

Gastroschisis

Pentalogy of Cantrell- 5 Features

Spine Abnormalities-11-13w6d

Sacroccocygeal Teratoma

Kyphoscoliosis- Abnormal Curvature of Spine

weeks 1 day

weeks- Detailed Anatomy Scan Large Closed NTD Seen

Minor Spinal Defects & Closed NTD- Difficult to assess

ISUOG guidelines on the sonographic examination of the fetal CNS (part 1) - ISUOG guidelines on the sonographic examination of the fetal CNS (part 1) by ISUOG Team 27,408 views 3 years ago 8 minutes, 45 seconds - Watch Prof. Dario Paladini summarizing the recently published #ISUOG guidelines on the sonographic examination of the **fetal**, ...

Introduction

Fetal CNS changes

Screening planes

New sections

Conclusion

Placental Abruption Birth Injury and Complications - Placental Abruption Birth Injury and Complications by Birth Injury Center 5,466 views 1 year ago 6 minutes, 19 seconds - Placental abruption is an uncommon and serious condition that can cause pain and bleeding for the mother and oxygen ...

First Trimester Anatomic Scan - First Trimester Anatomic Scan by Radiology Video - radiology made esay 108,811 views 7 years ago 31 minutes - First Trimester, Anatomic Scan.

Intro

OBJECTIVES

Safety issues and Ultrasound

Major fetal anomalies 11-13 weeks

Always detectable

Head abnormality - acrania

Normal head

Alobar Holoprosencephaly

Trisomy 13

Abdominal issues

Physiologic hernia

Omphalocele

Gastroschisis

Megacystis

Body stalk anomaly

2. Potentially detectable

3. Undetectable

Undetectable - reasons

Corpus callosum

Cavum septi pellucidi

Posterior fossa

Cerebellar vermis

Evolving anomalies

US detection of fetal anomalies At 11-14 weeks gestation

Second trimester scan

Benefits of early anatomic scan

How to improve detection?

Transvaginal scan - when?

Transabominal scan

Learning curve for detection of selected major fetal anomalies

Detection rates from 11-14 weeks of gestation

Relationship between NT thickness & outcome

Increased NT-pathophysiology

Increased NT and CHD

Atrioventricular septal defect

Increased NT and Normal karyotype

Intracranial translucency (IT)

IT and open spina bifida

Further observations

Landmarks of normal posterior brain

Posterior brain and open spina bifida

First Trimester Screening for Spina Bifida

Abnormal posterior brain

The 11 - 13+6 week scan

Neonatal Brain Protocol - Neonatal Brain Protocol by Sonographic Tendencies 58,886 views 2 years ago 11 minutes, 12 seconds - How I do it. Neonatal Brain Ultrasound Protocol As I've said before, every institution may do it a bit different but these are required ...

Sagittal Midline

Corpus Callosum

Parasagittal

Lateral Ventricle

Pre-eclampsia Awareness Month: Interview with Prof. Liona Poon - Pre-eclampsia Awareness Month: Interview with Prof. Liona Poon by ISUOG Team 599 views 9 months ago 8 minutes, 32 seconds - In an exclusive interview for World Pre-eclampsia Awareness Day, we delve into Prof. Liona Poon's groundbreaking contributions ...

Home (IT) Italiano - Home (IT) Italiano by homeproject 6,379,170 views 13 years ago 1 hour, 29 minutes - Viviamo un periodo determinante. Gli scienziati ci dicono che abbiamo 10 anni per cambiare i nostri modi di vita, di evitare d' ...

Cina

Arabia Saudita

Giordania

Haiti

Madagascar

Nigeria

Canada

Australia

Lesotho

Bangladesh

Corea del Sud

Islanda

Practical Approaches to Fetal CNS Evaluation - Practical Approaches to Fetal CNS Evaluation by Radiology Video - radiology made easy 34,919 views 7 years ago 44 minutes - Practical Approaches to **Fetal**, CNS Evaluation.

81/7 weeks The 'inverted' ventricular system

Basic Brain Scan: Axial plane

Basic Brain Scan Transabdominal sonography: Axial

Transventricular plane

Fetal Neurosonogram

Bones of the Cranial Vault

Parts of the corpus callosum

Corpus callosum & cingulate gyrus: 34 weeks.

Pericallosal Artery

Oblique-1 or Parasagittal plane

Cortical surface: Gyri & Sulci

Display modalities

VCI - Volume Contrast Imaging

3D color angiogram of brain vessels Middle

Imaging Pearl

The thick slice display

The inversion mode

Measurement of Brain Volume

The Posterior Fossa

Example

Another case: history

The 'in-utero' diagnosis

Final Diagnosis

2D Transabdominal

3D Inversion rendering

Tomographic Ultrasound Imaging (TUI)

The in-utero diagnosis

Last case: History

1st trimester US and cfDNA: the French experience understanding pitfalls and li... - Laurent SALOMON - 1st trimester US and cfDNA: the French experience understanding pitfalls and li... - Laurent SALOMON by EuroMedicallmaging 130 views 5 years ago 29 minutes - 11th FRANCE-ISRAEL REVIEW COURSE in RADIOLOGY Specialty : Peds Speaker : Laurent SALOMON Year : 2018.

NORMAL 12 WEEKS SCAN  
 IMPORTANCE OF QUALITY  
 THE NIPT PERFORMANCE  
 DNA vs KARYOTPE IN HIGH RISK PATIENT  
 PROCEDURE RELATED RISKS  
 PREGNANCY OUTCOMES (SAFE 21 STUDY)  
 DNA VS INVASIVE MICROARRAY  
 PRENATAL DIAGNOSIS OUTCOMES (SAFE 21 STUDY)  
 FETAL FRACTION  
 TECHNICAL ISSUES: FAILURE  
 NEW RULES FOR PRETEST COUNSELLING

The Center for Fetal and Maternal Health - 20th Anniversary Lecture Series - The Center for Fetal and Maternal Health - 20th Anniversary Lecture Series by Lucile Packard Foundation for Children's Health 4,295 views 13 years ago 59 minutes - The Center for **Fetal**, and Maternal Health provides comprehensive care for complex **fetal**, patients, expectant mothers and families.

Overview  
 A multidisciplinary effort from the start  
 Our Mission: The Center for Fetal and Maternal Health  
 Complex fetal care: The extent of the challenge, the patients we serve  
 Fetal MRI: Lung mass  
 The Center for Fetal and Maternal Health: How do we provide coordinated care?  
 Consequences of placenta accreta, increta, percreta  
 Antepartum diagnosis: risk factors  
 Cesarean vs. Vaginal Birth, U.S.  
 Coordination for a Safe Delivery  
 Ancillary team, representatives from  
 Case #1: Large omphalocele  
 Non-surgical compression  
 Reduction of Giant Omphalocele  
 Case #2: Metabolic disease  
 Ornithine transcarbamylase deficiency (OTCD)  
 Center for Fetal and Maternal Health: New patient referrals by month  
 Geographical referral  
 Goals & challenges for the future

Oral Health & Pregnancy animation in Italian - Oral Health & Pregnancy animation in Italian by EFP European Federation of Periodontology 768 views 4 years ago 1 minute, 1 second - EFPerio #OralHealthPregnancy #gumhealth Watch the EFP-created animated film explaining in **Italian**, how oral health affects ...

Dr. Erika Peterson - perinatology - Dr. Erika Peterson - perinatology by Froedtert & the Medical College of Wisconsin 5,661 views 12 years ago 2 minutes, 57 seconds - Erika Peterson, MD, is a perinatologist with Froedtert & the Medical College of Wisconsin. Dr. Peterson sees patients as part of the ...

US And MRI In Prenatal Diagnosis A Happy Marriage - Laurent SALOMON Part 1 - US And MRI In Prenatal Diagnosis A Happy Marriage - Laurent SALOMON Part 1 by EuroMedicallmaging 128 views 8 years ago 12 minutes, 10 seconds - 7th FRANCE-ISRAEL REVIEW COURSE in RADIOLOGY Specialty : PEDS Speaker : Laurent SALOMON Year : 2014.

Ultrasound has many advantages ....and some limitations.... Growing demand for alternatives....

US-MRI: a happy marriage?  
 3 layers pattern: 20 to 28 WGA  
 Myelination  
 Example 2  
 Example Isolated agenesis corpus callosum  
 Functional fetal MRI

Meet Maternal-Fetal Medicine Specialist Annalies Denoble, MD, MSc - Meet Maternal-Fetal Medicine Specialist Annalies Denoble, MD, MSc by Yale Medicine 376 views 2 years ago 53 seconds -

For more information on Dr. Denoble or #YaleMedicine, visit: [https://www.yalemedicine.org/specialists/anna\\_denoble](https://www.yalemedicine.org/specialists/anna_denoble).

ICDS 2022 Recap Webinar Part I - ICDS 2022 Recap Webinar Part I by Children's National Hospital 60 views 9 months ago 1 hour, 8 minutes - The **International**, Celiac Disease **Symposium**, is a biannual conference that brings together the finest celiac researchers from ...

Prof. Laurent Guibaud at ISUOG 2017 - "The use of anatomical landmarks for CNS examination" - Prof. Laurent Guibaud at ISUOG 2017 - "The use of anatomical landmarks for CNS examination" by Canon Medical Systems Europe 3,405 views 6 years ago 49 minutes - Ultrasound session at ISUOG 2017 sponsored by Toshiba Medical Europe. In this video Prof. Laurent Guibaud talks about "The ... measure the ventricle

measurements of the ventricle

locate the atrium

measure at the deepest part of the fissure

place the calipers

measure on the ventricle

measure ventricle

the proximal ventricle is enlarged how you measure

measure the brainstem

Cholestasis of Pregnancy | Sarah Lavonne - Cholestasis of Pregnancy | Sarah Lavonne by Sarah Lavonne 10,057 views 1 year ago 14 minutes, 46 seconds - Happy ICP Month! ICP (Intrahepatic Cholestasis of **Pregnancy**,) is a common and sneaky complication of **pregnancy**, and you need ...

Let's get started!

Signs of Cholestasis

What are the risks?

What happens if you're diagnosed with ICP?

What does the birth look like with cholestasis?

Summary

Dr. Ana Moreira - Pediatrics 2021 - Dr. Ana Moreira - Pediatrics 2021 by Scientex Conferences 44 views 1 year ago 2 minutes, 16 seconds - International Conference on, Pediatrics and Neonatology (HYBRID EVENT) Speaker - Dr. Ana Moreira, Coimbra Health School, ...

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