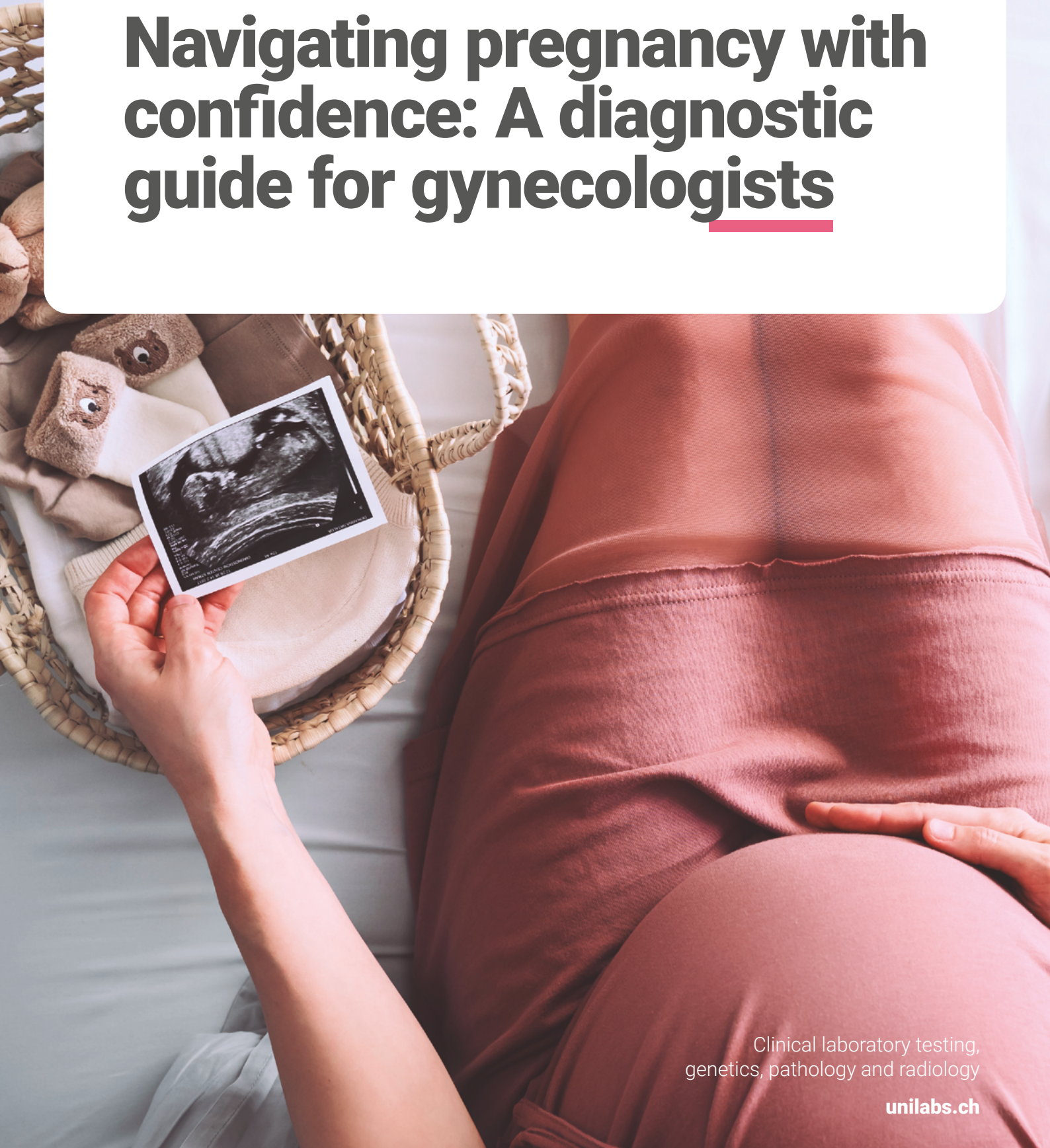


Gynaecology

Navigating pregnancy with confidence: A diagnostic guide for gynecologists



Clinical laboratory testing,
genetics, pathology and radiology

unilabs.ch



This guide, co-designed with medical experts and gynecologists, aims to support you in navigating the pregnancy journey with your patients. **It details the routine and additionally recommended prenatal tests, grouped into four diagnostic modalities.**



URINE SAMPLING



BLOOD SAMPLING



VAGINAL SWAB



ULTRASOUND SCAN



AMNIOTIC FLUID



CHORIONIC VILLI

CLINICAL LABORATORY TESTING

GENETICS

PATHOLOGY

RADIOLOGY

ROUTINE TESTS

ADDITIONAL RECOMMENDED TESTS

Pre-conception

General Health Check-Up (Complete blood count, blood type, Rh factor, rubella immunity, thyroid function, HIV, syphilis, hepatitis B&C)*

Urinalysis for kidney problems or infections*

Screening for STIs*

Haemoglobinopathy screening (HPLC)^{2*}

Infertility (Male/female infertility NGS panels, Karyotype, Y chromosome microdeletions, FISH-based sperm aneuploidy screening^{3*})

Carrier Screening*

Thrombosis-Panel*

Mammography^{1*}

Pregnancy Test

1st trimester. Week 1 to 12

Syphilis Week 7 to 12

Rubella immunity Week 7 to 12

HIV 1 & 2 Week 7 to 12

Hepatitis B & C Week 7 to 12

ABO blood group Rh + Antibody screening test Week 7 to 12

Complete blood count Week 7 to 12

CMV Week 7 to 12

Varicella immunity Week 7 to 12

Ferritin test Week 7 to 12

Toxoplasma* Week 7 to 12

Parvovirus B19* Week 7 to 12

Herpes simplex virus* Week 7 to 12

Urinalysis Week 7 to 12

Cervico-uterine smear Week 7 to 12

PAPP-A and beta-hCG levels Week 12 to 14

2D Ultrasound - Nuchal translucency measurement Week 12 to 14

Non-invasive pre-natal test (NIPT)* Week a 12 to 14

Rapid aneuploidy test on chorionic villi^{4*} Week a 12 to 14

Chromosomal analysis (karyotype) on chorionic villi^{4*} Week a 12 to 14

First-trimester test

1. Recommended to women above 40.

2. Performed in case of positive family history, specific ethnic backgrounds, or anemia without iron deficiency.

3. FISH-based sperm aneuploidy screening – Performed on a sperm sample.

4. Performed only when there is a positive family history of chromosomal anomalies or if fetal anomalies are detected via ultrasound. These tests are invasive and therefore come with a risk.

2nd trimester. Week 13 to 26

Rapid aneuploidy test on amniotic fluid^{2*}

Week 14 to 16 

Chromosomal analysis (karyotype) on amniotic fluid^{2*}

Week 14 to 16 

Complete blood count

Week 17 to 18 

Urinalysis

Week 17 to 18 

Ultrasound scan 2D

Week 20 to 23 

Complete blood count

Week 20 to 23 

Urinalysis

Week 20 to 23 

Non-invasive fetal RhD testing for Rh- mothers³

Week 18 to 24 

Fasting blood glucose

Week 24 

Toxoplasma*

Week 7 to 12 

3rd trimester. Week 27 to 40

Complete blood count

Week 28 

Urinalysis

Week 28 

Ferritin test

Week 28 

Antibody screening test (in Rh- mothers)*

Week 28 

Complete blood count

Week 32 

Urinalysis

Week 32 

Complete blood count

Week 36 

Urinalysis

Week 36 

Streptococcus B screening e-swab

Week 35 to 37 

Ultrasound scan 2D*

Week 38 

Complete blood count

Week 38 

Urinalysis

Week 38 

5. Performed in case of positive NIPT results, family history or ultrasound findings. These tests are invasive and therefore come with a risk.

6. Recommended by SGGG if mother is Rh-negative

* Reimbursement depends on various factors such as risk status, family history and specific indications.

Four Ways to Diagnose, One Way to Care

Since our foundation in 1987 in Switzerland, Unilabs has grown into a leading diagnostics provider, combining four ways to diagnose under one roof to meet your needs. We stand beside you, providing the tools and expertise necessary to improve patient confidence throughout pregnancy. From non-invasive prenatal testing and cervico-uterine pathology to comprehensive blood tests, along with supportive ultrasound assessments, our extensive network and on-demand consultations support your decision-making, high quality care.

Clinical laboratory testing



Pathology



Genetics



Radiology



Ready to elevate pregnancy care?

Partner with us to access integrated, reliable diagnostics at every stage of the journey. Contact us at unilabs.switzerland.communications@unilabs.com.