

Exceptional patient care
for a *healthier you*

Your Trusted Obstetrical Ultrasound Provider

Fetal Medicine Foundation (FMF) trained and certified providers: ✓

Alberta Towards Optimized Practice guidelines adopted: ✓

Patients reviewed before discharge: ✓

Dear Colleague,

At Canada Diagnostic Centres (CDC), we're focused on the needs of mothers-to-be and their unborn children. We are fully committed to providing your patients a high quality choice for Obstetrical Ultrasound (OB) and we wanted to share some important news with you about how far we've taken this dedication.

In addition to CDC's Medical Director co-chairing the new Towards Optimized Practice (TOP) guidelines for OB ultrasound in Alberta, including for the 2nd trimester detailed Anatomic Survey, 3rd trimester Well Being and for Twins/Multiples, I would also like to highlight the following key initiatives:

FMF (Fetal Medicine Foundation)

FMF is a registered charity that aims to improve the health of pregnant women and their babies through research and training in fetal medicine. The foundation, with the support of an international group of experts, has introduced an educational program for health care professionals and a series of certificates of competence in different aspects of fetal medicine.

• All ultrasound technologists at CDC who are scanning 1st trimester screening, 2nd trimester anatomy and 3rd trimester fetal well-being exams have dedicated themselves to formal education and accreditation with the Fetal Medicine Foundation (FMF) - the recognized international and Canadian standard. All of our OB ultrasound technologists are certified in the FMF 11-13 week scan theory course, the FMF Nuchal Translucency image-audit certification and the FMF Fetal Nasal Bone image-audit certification. They have completed FMF's Fetal Anomalies course, have further submitted image-audits for certification and have attested to the Alberta TOP guidelines. We believe this represents an unparalleled standard of care in the industry.

• Similarly, all radiologists reading these exams have the FMF 11-13 week scan theory course, their FMF Nuchal Translucency image-audit certification and their FMF Fetal Nasal Bone image-audit certification, have completed FMF's fetal anomalies course and have attested to Alberta's TOP guidelines.

Booking An Appointment

Appointments may be booked by either the practitioner or the patient, please have health care card and requisition form available. There are locations throughout Alberta please visit us online for a full list of locations.



Phone

Toll-Free Ph 1.877.420.4232
Toll-Free Fax 1.877.919.3291



Online

CanadaDiagnostics.ca



- Every single 1st trimester screening, 2nd trimester anatomy and 3rd trimester fetal well-being exam at CDC is reviewed, image-by-image, by the radiologist before the patient is discharged, as are any abnormal dating/viability scans.

Even with this level of commitment, no practice is perfect – misses can happen in OB ultrasound – but how you learn and improve matters. We respect and work as closely as possible with the Edmonton and Calgary Maternal Fetal Medicine units, refer all abnormal cases accordingly and follow-up rigorously on any quality issues that are brought back to our attention, making changes to our practice as needed.

1st trimester screening program update

Edmonton - We are proud participants of the combined 1st trimester screening program in Edmonton and work closely with AHS Lab Services on quality assurance activities and improvements within the program. The Lab has recently gained the ability to enhance their combined 1st trimester screening calculations with Fetal Nasal Bone measurements and CDC is able to offer this improved test to patients immediately.

Calgary - There continue to be restrictions on the availability of blood work in Calgary/South to accompany the Nuchal Translucency ultrasound. However, CDC's ability to combine both Nuchal Translucency and nasal bone measurements offers you and your patients a real option. According to FMF, please note these detection rate (DR) parameters for detecting Trisomy 21 (Downs syndrome):



Thank you for your trust and your referrals. We sincerely value the privilege of caring for your patients.

Robert Davies, MD, FRCPC
Radiologist
Medical Director



Detection Rate for Trisomy 21 (Downs Syndrome)

- Method of screening DR (%)
- Maternal age (MA) 30 MA and maternal serum biochemistry at 15–18 weeks: 50–70%
- MA and fetal nuchal translucency (NT) at 11–13+6 weeks: 70–80%
- MA and fetal NT and maternal serum free b-hCG and PAPP-A at 11–13+6 weeks: **85–90%**
[standard combined 1st trimester screening]
- MA and fetal NT and fetal nasal bone (NB) at 11–13+6 weeks: **90% [CDC sites with NT+NB]**
- MA and fetal NT and NB and maternal serum free b-hCG and PAPP-A at 11–13+6 weeks: 95%
- *hCG human chorionic gonadotropin, PAPP-A: pregnancy-associated plasma protein A

