

If you are thinking about having chorionic villus sampling or amniocentesis, talk it over with your doctor. They can make a referral to the MFM clinic if you want more information.

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0.5%

What do I do if I have a Down's Syndrome fetus?

Your specialist will discuss with you the likely outcome and associated difficulties, and can provide information about support services in Hong Kong.

You can discuss with your obstetrician the alternative of termination of pregnancy, which in Hong Kong is considered both legal and safe if performed not later than 24 weeks gestation.

24

Appointment & Enquiries

Please telephone our Registration Office on

Telephone : 2276 7022

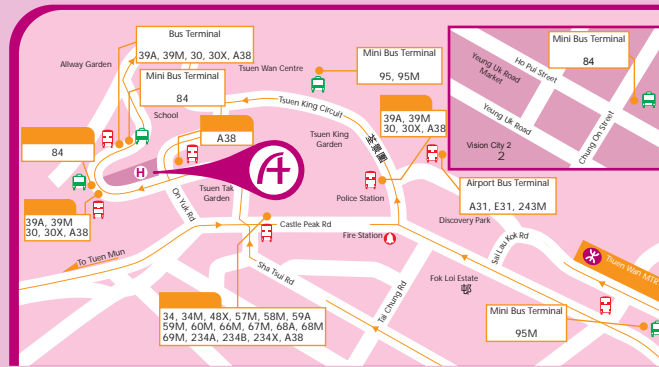


Like us on

Hong Kong Adventist Hospital - Tsuen Wan



Map 路線圖



Bus

- 39A Tsuen Wan West Station
- 39M Tsuen Wan MTR
- 30X Whampoa Gardens
- 30 Cheung Sha Wan
- A38 Hong Kong International Airport

To the Hospital Via Castle Peak Road:
 + Alight at Tsuen King Circuit Flyover
 + Take the bus in front of Tsuen King Circuit Police Station

+
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Minibus

- 95M Tsuen Wan MTR
- 95 Nina Tower
- 84 Tsuen Wan Chung On Street

A 24 Hour Urgent Care Center

Adventist Health 港安 Hong Kong Adventist Hospital • Tsuen Wan
 香港港安醫院 • 荃灣

Address 199 Tsuen King Circuit, Tsuen Wan, N.T.
 199
 Telephone (852) 2275 6688
 Fax (852) 2275 6767
 Website www.twah.org.hk



Valid date 2020/12/31

The Hospital reserves the right to change or amend details without prior notification.
 For the latest information, please visit our website at www.twah.org.hk

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Adventist Health 港安
 Hong Kong Adventist Hospital • Tsuen Wan
 香港港安醫院 • 荃灣

Maternal Fetal Medicine Clinic



The Maternal Fetal Medicine Clinic provides various antenatal screening and diagnostic tests. We hope our service can add more information for the preparation of the birth for your precious baby.

- Antenatal Down's Syndrome Screening Test
- Chorionic Villus Sampling
- Amniocentesis
- Second Trimester Ultrasound Scanning
- Pre-pregnancy Counseling

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What is Down's Syndrome?

Down's Syndrome is a condition resulting from a genetic abnormality, in which an extra chromosome is present. (There are three no.21 chromosomes instead of the usual 2, giving a total of 47 chromosomes instead of the normal 46) The distribution of chromosomes may go wrong around the time of conception. Baby may receive an extra chromosome from either parent, resulting in an abnormal number of chromosomes.

Apart from their characteristic appearance, the affected individuals may have a degree of mental handicap. Associated abnormalities may also be present, of which heart defects are the most common.

Down's syndrome occurs most frequently by chance and is seldom caused by parental inheritance.

The risks of having a Down's Syndrome baby increases with maternal age. Overall, the risk is 1:700, but for women of 35 years, the risk is 1:400, and for women of 40 years or more, the risk is 1:100.

With multiple pregnancies, the risk may differ, and the mother should consult with her obstetrician.



Prenatal Screening for Down's Syndrome?

The mother's age is significant. Ultrasound is used to measure the nuchal fold of the fetus between the 11th - 13th week of pregnancy. The inclusion of quantitative analysis of HCG and PAPP-A in maternal blood will increase the detection rate to 85%. Results of these screening tests are available within 24 hours.

11 13
HCG PAPP-A
85%



Interpretation of Screening Test Results?

The test results are reported as either 'positive = high risk' or 'negative = low risk'. Patients assessed as 'high risk' are offered amniocentesis or chorionic villi sampling for definitive diagnosis.

Note: The majority of patients who are 'positive' on screening, do not in fact have a Down's Syndrome foetus. A screening test 'negative' does not entirely rule out the possibility of Down's Syndrome, but with this result, the risk is judged very low.

100%

What is Chorionic Villi Sampling ?

This procedure is performed in first trimester (11-14 weeks of pregnancy). A needle is used to take the placental tissue. The sample is tested for fetal karyotype. Chorionic villus sampling can cause a miscarriage rate in about one out of 100 women.

11 14

1%

What is Amniocentesis ?

This procedure is performed in second trimester (16-20 weeks of pregnancy). A needle is used to take a small sample of the amniotic fluid that surrounds the fetus. The fluid is tested to see if the fetus had spina bifida (a type of open neural tube defect) or abnormal fetal karyotype (including Down's Syndrome). Women have amniocentesis for many different reasons. You may wish to have an amniocentesis if:

- You will be 35 years or more when your baby is due
- You have an inherited disease present in your family
- Your antenatal Down screen has put you at an increased risk
- A problem has been identified on your ultrasound

Amniocentesis can cause a miscarriage in about one out of 200 women.



Maternal Fetal Medicine Clinic

+	Examination Items	Fee
	Antenatal Down's Syndrome Screening Tests	
	■ First Trimester Down's Syndrome Screening Test	
	● Single	
	● Twin	
	■ First Trimester Fetal Nuchal Translucency	
	■ Second Trimester Test for Down's Syndrome	
	Detailed Ultrasound Scan	
	■ Second Trimester Detailed Ultrasound Scan	
	● Single	
	● Twin	
	■ 3D+4D Ultrasound Scan	
	■ Fetal Growth Assessment + Doppler Study	
	Prenatal Diagnostic Tests	
	■ Amniocentesis + Cytogenetic Study	
	■ Amniocentesis + Cytogenetic Study + PCR	
	■ Chorionic Villus Sampling + Cytogenetic Study + PCR	
	■ Prenatal Counseling	
	■ Prepregnancy Counseling	
	Genetic Test	
	■ Carrier Screening	
	■ D&	
	■ H ₀ 7HVW	

Important information

- + The price list is applicable for singleton pregnancy.
- + Hong Kong Adventist Hospital – Tsuen Wan reserves the right to make alterations to the price list without prior notification.

Appointment & Enquiries

For further information or appointment with our Maternal Fetal Medicine Clinic, please contact us on the telephone number below, or visit our website.

Telephone : 2276 7022

Website : www.twah.org.hk

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