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Department of Obstetrics and Gynaecology	Review Date	Sept 2016
Subject Counselling outline for women with positive Down syndrome screening	Next Review Date	Sept 2019
	Approved by	Prenatal Diagnosis and Counselling Team, TYH
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The following issues have been discussed with

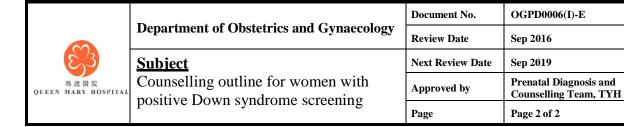
Ms	and Mr.		
	(pregnant woman)		(partner)
1.	Nature of Down syndrome.		
2.	The screen-positive result indicated the	at the char	ace of having a live born baby with Down

3. I / We can choose to have invasive prenatal diagnostic testing by chorionic villus sampling (CVS) or amniocentesis, or non-invasive prenatal testing at private clinic or no antenatal diagnosis.

syndrome is \_\_\_\_\_\_.

4. Comparison between CVS and amniocentesis:

	CVS	Amniocentesis
Procedure time	11 to 13 weeks	16 to 20 weeks
Samples / laboratory test	Chorionic villi / chromosome studies	Amniocytes / chromosome studies
Pain relief	Abdominal injection of local analgesics	Analgesia not required
Miscarriage risk	0.1-0.2 %	
Maternal risk	Minimal	
Cell culture failure rate	Less than 1%	
Test accuracy	<ul> <li>♦ Both tests are very accurate</li> <li>♦ A small proportion of test results may show mosaicism which may require further investigation</li> </ul>	
Time required for full report	3 weeks	
Normal report interpretation	Normal fetal chromosome constitution; but a normal report does not guarantee that the fetus is free from congenital abnormalities	



## **Polymerase Chain Reaction** (Rapid test, provided by The University of Hong Kong)

- Test on fetal cells for common aneuploidies in **4 pairs** of chromosomes: 13, 18, 21 (Down syndrome), and sex chromosomes.
- Allows reporting of aneuploidies in the chromosomes mentioned above within three working days.
- The rapid test charge is HK \$1,300 for 4 pairs of chromosomes.
- Less than 1% of PCR reports will have inconclusive result or discordant chromosomal findings. The chromosome report will be adopted as the final report under such circumstances.
- This test is optional. If I / we decide to have the test, I / we have to inform the staff before invasive procedure.
- Result will be informed by phone within 3 working days.
- 5. If I / we prefer not to have invasive prenatal diagnostic testing, I / we may consider undergoing non-invasive prenatal testing which is provided by some private doctors or hospitals.
- 6. I / We understand that screening test cannot be used to diagnose fetal Down syndrome.

  A screen positive result does not mean that the fetus has Down syndrome.

  I / We decide to undergo:

  Chorionic villus sampling

  Amniocentesis

  No antenatal diagnosis

	Others:				
7.	Fetal sex will be known following chorionic villus sampling or amniocentesis. I / We prefer <b>to know</b> / <b>not to know</b> the fetal sex.				
I	Pregnant woman	Partner			

Doctor / Nurse Date