

Chorionic villus sampling and amniotic fluid test

These instructions are for patients who have undergone a chorionic villus sampling or amniotic fluid test procedure. The procedure is done to find out if there are changes in the number of foetal sex chromosomes or chromosomes 21, 18, or 13, or if there are any structural abnormalities in the chromosomes. Chorionic villus sampling and amniotic fluid test procedures carry a risk of miscarriage, which is estimated to be somewhere between 0.5 and 1 per cent, depending on the study.

You are prescribed medical leave for the day of the procedure.

__ Chorionic villus sampling (CVS)

The procedure involves collecting a small amount of placental tissue for sampling. A doctor will collect the sample with a needle that is inserted through your abdomen under ultrasound guidance. The procedure can be carried out from 12+ weeks of pregnancy onwards. The placenta develops from the same fertilized egg cell as the foetus itself, which is why placental tissue can be used to determine foetal chromosomes.

__ Amniotic fluid test

The procedure involves collecting a small amount of amniotic fluid for sampling. A doctor will collect the sample with a needle that is inserted through your abdomen under ultrasound guidance. The procedure can be carried out from 15+ weeks of pregnancy onwards. The amniotic fluid contains foetal cells, which is why amniotic fluid can be used to determine foetal chromosomes.

After the procedure

Empty your bladder frequently on the day of the procedure to ensure that the full bladder does not stretch the sampling site.

If your blood type is Rh negative, you will receive an intramuscular anti-D injection.

On the day of the procedure, avoid

- heavy lifting / carrying heavy items and physical exertion
- swilling, bathing in a bathtub
- intercourse

If needed, you can manage pain in the injection site / lower abdomen by taking 1 g paracetamol.

You can remove the bandage from the injection site on the evening of the procedure.

Results

Preliminary test results are usually ready within 3 to 5 days. If necessary, further testing is arranged. If further analysis is carried out, the results are usually ready in about 2 weeks.

We will make a plan with you regarding the test results and possible follow-up appointments.

If you have any question, or if you have not received your results within the abovementioned timeframe, you can contact the Maternity Outpatient Clinic during office hours.

Contact the hospital immediately if you experience any of the following:

- bloody or watery discharge from the vagina
- lower abdominal pain or contractions that do not go away with rest and paracetamol
- symptoms of an infection (for example, fever or reddening around the injection site)

Gynaecological urgent care, tel. 02 313 1322 (under 20 weeks of pregnancy)

Emergency services during pregnancy and labour, tel. 02 313 1000 (over 20 weeks of pregnancy)

You can find more information on the chorionic villus sampling or amniotic fluid test procedures from [Women's Hub at the Health Village](https://www.terveyskyla.fi/naistalo/raskaus-ja-synnytys/ultraäänitutkimukset-ja-sikiöseulonnat) (https://www.terveyskyla.fi/naistalo/raskaus-ja-synnytys/ultraäänitutkimukset-ja-sikiöseulonnat). (NB! Only available in Finnish and Swedish).

We charge a clinic fee for a Maternity Outpatient Clinic appointment according to current price list.

TYKS Department of Obstetrics and Gynaecology
These instructions are for the patients under our care.