

Before the 12th week of pregnancy

# Early Screening

Early Ultrasound

- *Confirmation of pregnancy*
- *Determination of whether there is a singleton or multiple pregnancy*
- *Exclusion of an ectopic pregnancy*

This ultrasound examination is performed either through the vaginally or abdominally and is used to confirm pregnancy, to **determine a single or multiple pregnancy, and to rule out pregnancy outside the uterine cavity** (e.g., ectopic pregnancy).

A pregnancy is normally localized in the uterus (intrauterine). However, in rare cases, it may be located outside the uterus, usually in the fallopian tube or at the cervix of the uterus.

In the case of a multiple pregnancy, it is usually possible to **determine the chorionicity (monozygotism or bi-zygotism) of the pregnancy during early screening**. This is relevant for further pregnancy care, as different examination intervals may be necessary depending on the chorionicity.

If the date of delivery is unclear, early screening dates the pregnancy **based on the size of the amniotic sac** or, if possible, by measuring the **size of the embryo** (crown-rump length, CRL) and sets a **provisional delivery date**. This is usually finally fixed during the Combined Test between the 12ss – 14th week of pregnancy.



Furthermore, cardiac action, placenta and amniotic membrane are assessed. If early screening is performed too early, it is possible that neither the location nor the chorionicity of the pregnancy can be clearly assessed. In this case, additional ultrasound or laboratory monitoring is usually recommended.

**I would like to have an Early Screening.**



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Name of patient

\_\_\_\_\_  
Vienna, (date)

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Signature of patient

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Signature of doctor

