

Congenital Developmental Dislocation of the Hip (CDH) **occurs in 1-2%** of the newborns, **up till now, it is estimated, that the same number of newborns babies with CDH requires the hip joint replacement as about 60 years ago, when they were the clinical examined.**

Only an ultrasound examination of the hips enables a detailed diagnosis of the smallest anomaly in the infant's hip joint.

Only a specialized medical doctor with appropriate knowledge and experience can properly diagnose of CDH and applied adequate treatment

**Clinical tests** helps to detect hip instability, which occurs only **in 30 per cent of newborns** with CDH.

Clinical examination is also completely not harmful, it may lead to mechanical joint damage and to disturbances in blood supply if it is performed not gently or it lasts too long.

In order to guarantee successful treatment, **the CDH must be detected in the newborn Unit right after the Birth** and rebuilding of Hip instability must be completed, by 5th week of age (when the regeneration process is the fastest)

Both methods allow for an early diagnosis and appropriate treatment, which helps to prevent:

- a worsening hip dislocation,

- a risk of femur **head destruction(necrosis) caused by treatment** (from 0-1% if detected within the first week of life to 60% if detection is delayed (muscular contracture occurs)), depending on the method of treatment and when treatment begins,

**-pain in the hip** joint due to its destruction (osteoarthritis) and its replacement at a younger age and more frequently than normally;

-expensive and risky surgery in nearly 100% of cases.

**Failure** to detect CDH in time or inappropriate treatment **will result in complication many year later,when it is too late for prevention**

Contraction of hip muscles (until recently the only indication in the diagnosis of DDH currently of little importance in the diagnosis according to the latest American research) occurs to a various degree in 10 per cent of all infants,however,only a small percentage is caused by an abnormal hip joint

Early detection shortens the time of treatment and also means less severe treatment methods.

The proposed method eliminates the need to use harmful radiological tests.

**The ultrasound hip screening** by a qualified doctor is a standard procedure in countries such as Germany,Switzerland Austria,which acheive four time better results of treatment (**at present the best ever results in the world**) than countries which do not apply obligatory ultrasound examinations

Remember: This problem may affect any baby!