HIP ULTRASOUND SCREENING - Graf's method

Hip dysplasia is a condition of the hip joint where the socket is dysplastic and not "normally developed". If the socket is very shallow this can lead to a dislocation of the femoral head, where the head of the femur slips out of the socket. It is often referred to as developmental dysplasia of the hip (DDH) or congenital hip dislocation and is usually a problem that is present from birth but sometimes might present later in early childhood.

DDH is most common in first born females, and there are risk factors such as breech presentation or positive family history (genetic factor).

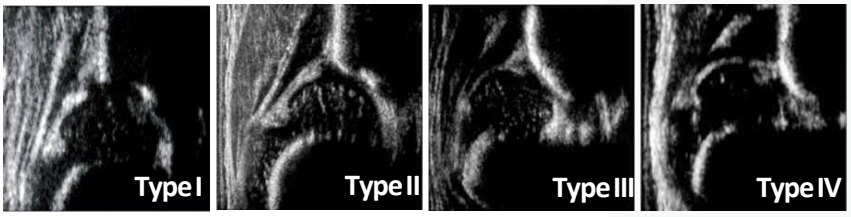
Provided that the condition is diagnosed early and treated within the first three months of life, most children with hip dysplasia will develop normally and only bracing is required. Following hip bracing, if the treatment is successful, the child's hip is expected to have a full range of movement, without any need for surgery. However, if undiagnosed and untreated, DDH can cause problems in later life.

Hip sonography in the "Graf technique" is an important tool to detect early DDH cases and dysplastic hips in infants. Doctors check babies' hips more than once throughout their development - immediately after birth during the newborn physical examination and again after six to eight weeks. Clinical examination of the baby's hip joints can reveal symptoms such as:

- Discomfort or pain
- Reduced abduction
- Instability
- Leg length discrepancy

The Povatex range of products were designed thanks to the invaluable cooperation with Prof. Reinhard Graf for the prevention and treatment of DDH using the world-renowned Graf method for ultrasound classification of developmental dysplasia of the hip.

Graf Classification



The descriptions used in the Graf method assume the standard projection is an ultrasound image of the hip set up as a vertical right hip AP view.

The Graf's Cradle (Rapid-Eco + Eco-Support) is designed to position the baby correctly in place for a scan, holding the newborn still without needing the assistance of a third person. This enables the doctor to perform a medical examination quickly and precisely.

During the scan, the doctor can observe and analyse the data on a monitor, as the EcoSupport allows precise movement, avoiding errors in diagnosis.

RapidEco is washable, made from materials of advanced technology and allows an easier and quicker way of working. The system was designed, certified and authorized by Prof. Dr. Rheinard Graf.

Download GRAF'S METHOD – PREVENTION PROGRAMME – DEVELOPMENTAL DYSPLASIA AND LUXATION OF THE HIP

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Helvetica Health Care

Product code	Name of the product	Sub-category 3	Product's webpage
400	Corrective Salopette - size 0	Type IIc	details on website
401	Corrective Salopette - size 1	Type IIc	details on website
402	Corrective Salopette - size 2	Type IIc	details on website
403	Corrective Salopette - size 3	Type IIc	details on website
600	Dynamic Harness - size 0	Type IIa(-), IIb and IIc	details on website
601	Dynamic Harness - size 1	Type IIa(-), IIb and IIc	details on website
602	Dynamic Harness - size 2	Type IIa(-), IIb and IIc	details on website
301	Corrective Nappy - size 1	Type IIa(-) and IIb	details on website
302	Corrective Nappy - size 2	Type IIa(-) and IIb	details on website
303	Corrective Nappy - size 3	Type IIa(-) and IIb	details on website
202	Soft Nappy (6-7 kgs babies)	Type IIa(-)	details on website
202A	Soft Nappy (premature babies)	Type IIa(-)	details on website
1a	Washable Diaper FILTRAS - size 1	Prevention	details on website
2a	Washable Diaper FILTRAS - size 2	Prevention	details on website
3a	Washable Diaper FILTRAS - size 3	Prevention	details on website
4a	Washable Diaper FILTRAS - size 4	Prevention	details on website
5002	Portable Graf's Cradle	Ecographic positioning device	details on website
5003	Graf's Cradle (Rapid-Eco + Eco-Support)	Ecographic positioning device	details on website

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