

**Baby**  **System®**

# **Graf's Method prevention and treatment products**

## Washable Diapers

# Baby System®

## Filtras Washable Diaper *Giò* all in one

*For parents (no medical specialty required)*

The **Filtras diaper** is the washable diaper preferred by mothers for its practicality and functionality. The "all in one" concept makes it immediately ready for use like normal disposable diapers. In fact, being equipped with a waterproof outer layer, it does not require additional linings. The washable diaper is easy to put on and take off, thanks to its extreme wearability, the easily adjustable velcro fastening system and the soft elastic bands around the legs. With one or more removable absorbent bands inside, which are easily washed and dried, the washable diaper is the ideal solution for those looking for an "uncomplicated" diaper.



### Materials Used



The **Filtras Washable Diaper** is made with extremely functional materials, such as the natural cotton sponge with strong absorbent capabilities, the Filtras which, by letting humidity pass and at the same time preventing biological fluids from coming back, prevents the creation of hot-humid microclimatic conditions, and finally the Silk Effect layer capable of avoiding skin allergies and inflammation, given that it is free of perfumed or coloured substances, and of superabsorbent chemical products with unknown effects.

### Practical Advantages

The **Filtras Washable Diapers** can be replaced with a simple change operation and do not form creases. The Velcro closure offers maximum safety and can be adjusted in width at the waist. The Filtras system offers maximum comfort and wearability, it is always in place and does not hinder the freedom of movement of the child in the slightest.

## Washable Diapers

### Health Benefits

- Disposable diapers, covered with a plastic film, prevent the normal transpiration of the skin and increase the temperature of the genitals by 1 °C : this is potentially harmful especially for males, whose testicles are in the scrotum precisely to remain at a lower temperature than the abdominal one.  
The use of washable diapers or disposable diapers does not change the risk of developing diaper rash, but specific dermatitis of disposable diapers has appeared, due to the dyes and chemical components contained therein.
- Washable diapers maintain the physiological spread position of the hips better.
- Washable diapers prevent the sensation of a "dry bottom". This allows the child to associate the sensation of wetness with peeing, promoting control of physiological functions and early abandonment of the diaper.



### What Doctors Say

Since the **Filtras Washable Diaper** is made according to rigorous principles of postural hygiene linked to paediatric orthopaedics, and since it is important that it remains wide between the legs, it promotes early correction of insufficient hip divarication. Furthermore, the child's tendency to squeeze the interposed fabric with his thighs favors the development of the muscles, with obvious advantages for when it is time to take his first steps.

### Additional Information

- Product code 1a Washable Diaper FILTRAS - size 1
- Product code 2a Washable Diaper FILTRAS - size 2
- Product code 3a Washable Diaper FILTRAS - size 3
- Product code 4a Washable Diaper FILTRAS - size 4

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# Baby System®

## Prevention of the developmental dysplasia of the hip

**Medical specialty :** neonatology/pediatrics - **Purpose :** prevention of DDH at birth

The Baby System **Soft Nappy** is the most effective alternative to the so-called "double nappy". It's an ideal preventive appliance and if used in the early days of life it will help the physiological posture of the newborn's lower limbs, as it stimulates the normal morphological hip development.



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### Additional Information

- Product code 202A Soft Nappy (premature babies)
- Product code 202 Soft Nappy (6-7 kgs babies)
- Classification Graf Method : Type IIa(-)

**Medical specialty :** pediatrics/orthopaedics - **orthopedic consultation required -**  
**Purpose :** treatment Type IIa(-) and IIb

The Baby System **Corrective Nappy** promotes a prompt and easy separation of a baby's limbs while they are still developing. It also encourages correct maturation at the hip joint even when a late ossication is detected.



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### Additional Information

- Product code 301 Corrective Nappy - size 1
- Product code 302 Corrective Nappy - size 2
- Product code 303 Corrective Nappy - size 3
- Classification Graf Method : Type IIa(-) and IIb

### Baby System®

## Prevention of the developmental dysplasia of the hip

**Medical specialty :** *pediatrics/orthopaedics ; orthopedic consultation required -*

**Purpose :** *treatment Type IIc*

The Baby System **Corrective Salopette** is the most effective and safe alternative to traditional therapies in treating hip dysplasia and dislocation during the first months of life of a newborn child.

#### Additional Information

- Product code 400 Corrective Salopette - size 0
- Product code 401 Corrective Salopette - size 1
- Product code 402 Corrective Salopette - size 2
- Product code 403 Corrective Salopette - size 3
- Classification Graf Method : Type IIc



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**Medical specialty :** *pediatrics/orthopaedics ; orthopedic consultation required -*

**Purpose :** *treatment Type IIa(-), IIb and IIc*

The Baby System **Dynamic Harness** is an appliance to extend and separate a baby's legs. It is ideal for serious cases of hip dysplasia (critical hips) and when the hips are not dislocated.

#### Additional Information

- Product code 600 Dynamic Harness - size 0
- Product code 601 Dynamic Harness - size 1
- Product code 602 Dynamic Harness - size 2
- Classification Graf Method : Type IIa(-), IIb and IIc



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# DEVELOPMENTAL DYSPLASIA OF THE HIP (DDH) - *Graf's Method*

## GRAF'S TYPES AND DESCRIPTION DEVELOPMENTAL DYSPLASIA AND DISLOCATION OF THE HIP

**Baby**  **System®**

Classification according to Graf	Bony roof Alpha Angle	Bony Rim area	Cartilaginous roof Beta Angle	Age	Treatment
<b>TYPE I</b> normal hip	good $\alpha \geq 60^\circ$	angular or blunt	covering $Ia \beta < 55^\circ$ , $Ib \beta > 55^\circ$	any age	reassurance and discharge
<b>TYPE IIa (+)</b> developmentally immature, adequate according to age	adequate according to age $\alpha = 50-59^\circ$ (sufficiently developed according to age – see sonometer)	rounded	covering	0-12 weeks	follow up until Type I (or treatment if develops into Type IIa- or Type IIb)
<b>TYPE IIa (-)</b> developmentally immature, maturation deficit	deficient $\alpha = 50-59^\circ$ (insufficiently developed according to age – see sonometer)	rounded	covering	> 6-12 weeks	Treatment until Type I
<b>TYPE IIb</b> dysplasia, late ossification	deficient $\alpha = 50-59^\circ$	rounded	covering	> 12 weeks	Treatment
<b>Exception: TYPE II</b> in case of remodeling or late ossification	deficient $\alpha = 50-59^\circ$	angular (exogenous because of late ossification)	covering	any age	
<b>TYPE IIc</b> (critical hip) IIc stable/IIc unstable	deficient $\alpha = 43-49^\circ$	rounded	covering $\beta < 77^\circ$ (unstable: if $\beta$ increases to > $77^\circ$ with stress test)	any age	Treatment
<b>TYPE D</b> hip decentered $\beta > 77^\circ$	deficient $\alpha = 43-49^\circ$	rounded/ flat	just covering/ beginning to displace cranially $\beta > 77^\circ$ (without stress test)	any age	Treatment
<b>TYPE IIIa</b> dislocated hip	poor $\alpha < 43^\circ$ (angle measurement not possible if femoral head not in the standard plane)	flat	cartilage roof cranially displaced, (absence of echogenicity)	any age	Treatment
<b>TYPE IIIb</b> dislocated hip	poor (angle measurement not possible if femoral head not in the standard plane)	flat	cartilage roof cranially displaced, with echogenicity within the cartilaginous roof (proximal perichondrium going upwards)	any age	Treatment
<b>TYPE IV</b> dislocated hip	poor (angle measurement not possible if femoral head not in the standard plane)	flat	cartilage roof caudally displaced (proximal perichondrium horizontal or going downwards)	any age	Treatment