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**Use of Dermasilk® knitted silk in children with dermatitis  
and mothers with nipple's rhagades.  
Personal case histories 01 January - 15 February 2003**

- F.S. born on 10/11/02

40 days aged, he comes for medical examination because of erythematous dermatitis, intensely flushed and slightly exudate on the nape of the neck.

Direct cause: prolonged contact of sweaty skin with wool scarf and blanket.

I° treatment: removal of wool and application of antimicrobial steroidal ointment, with relapse of dermatitis when the treatment is suspended.

II° treatment: removal of wool and application, for three days nonstop, of pieces of Dermasilk fabric in direct contact with inflamed skin, without application of ointments.

Result: complete recovery, without relapses.

- B.M. born on 27/12/02

8 days aged, she comes for medical examination because of interruption of breast-feeding. Mother's nipples are bleeding for rhagades, already treated with antimycotic and cortisone-based ointments.

Treatment: counsel on breast-feeding techniques; elimination of ointment-based treatment; application of little pieces of Dermasilk fabric on the nipples, replaced after every single feed.

Result: complete recovery within 24 hours.

- T.A. born on 18/11/01

15 months ages, she comes for medical examination because of a big erythema with exfoliation and exudation on perianal area, extended to diaper area and supported by post-enteric chronic diarrhoea with acquired intolerance to disaccharides and acid faecal pH.

I° treatment: milk lactose free, probiotics, zinc and antimycotic ointments for 10 days.

Result: partial reduction of erythema and burning.

II° treatment: milk lactose free, probiotics, application of a piece of Dermasilk fabric at every diaper change.

Result: complete recovery and “restitutio ad integrum” of the skin within 1 week.

- L.S. born on 23/11/02

11 days aged, she comes for the first medical examination because of big problems in breast-feeding, due to deep bleeding rhagades on mother's nipples. The baby doesn't feed enough; she has dramatically lost her weight and needs bottle-feeding in addition.

Treatment: application of pieces of Dermasilk fabric on the nipples for 2 days in succession; each piece washed and replaced after every single feed.

Result: complete recovery.

- T.S. born on 19/04/02

9 months aged, she come for medical examination because of a persistent diaper-dermatitis, resistant to different topical treatments with antimycotics, anti-inflammatory and steroidal.

A chronic aspecific diarrhoea due to an alimentary imbalance is diagnosed.

Treatment: diet correction and application of pieces of Dermasilk fabric on the damaged skin.

Result: clear improvement, unfortunately temporary, because of lacking in mother's compliance both in following the diet and in constant application of Dermasilk fabric.

- M.L. born on 10/09/01

16 months aged, she comes for medical examination because of mycosis in diaper area probably due to a previous antibiotic treatment with oral cefalosporin.

Treatment: antimycotic ointments already being applied and oral probiotics being taken, we decide to supplement this treatment with application of pieces of Dermasilk fabric till a complete recovery of dermatitis.

Results: a very clear improvement of dermatitis is noticed after only 36 hours; we can suspend the application of Dermasilk fabric and continue, for few days only, the treatment with ointments and probiotics.

- C.V. born on 03/09/02

Baby suffering from a considerable atopic dermatitis, with positive familiarity for atopy (father asthmatic and allergic to house-dust mites); exclusively breast-fed.

5 months aged, he comes for medical examination because of worsening of cutaneous symptomatology, particularly on the folds of his legs and arms.

Treatment: already undergone treatment with cycles of topical cortisone and protective creams; mattress and pillow already covered with Pristine® barrier fabric, we apply pieces of Dermasilk Tubular around the four limbs.

Result: clear improvement of dermatitis on the folds, which nevertheless tends to relapse when mother "forget" to apply Dermasilk fabric.

- M.S. born on 14/11/02

She comes for medical examination aged 1 and a half month, because of dermatitis on the nape of the neck, characterized by dried skin, slightly "ichthyosic" and pruriginous, probably caused both by sweating and continual friction with wool cap and collars.

Treatment: we suggest the mother to make a little hood "Sahara style" using Dermasilk fabric and to put it on the baby's head.

Result: complete recovery.

- C.T. born on 21/01/03

8 days aged, he comes for medical examination because of breast-feeding problems, due to rhagades on the mother's nipples. Rhagades have been already treated with cicatrizant ointments, without evidence of good results. Any error has been found on breast-feeding technique.

Treatment: suspension of treatment with ointments and sole application of pieces of Dermasilk fabric for 36 hours.

Result: ready recovery without relapses.