

Acne Product Claims 7/2 2016

The 2 component treatment of mild to moderate Acne vulgaris is based on the effect of Bovine Lactoperoxidase and Bovine Immunoglobulin concentrate and have both clinical and laboratory documentation.

- 1) Bacterial activity of the lactoperoxidase system on Propionebacterium acnes and Staphylococcus aureus by Inger Mattsby-Baltzer, Ass prof, Univ of Gothenburg
- 2) Analysis of antibody levels of colostrum as included in Beconfident Acne Reduce/Spot On. By Inger Mattsby-Baltzer, ass Prof. Univ of Gothenburg
- 3) The Treatment of acne vulgaris using Antibodies. By Gunnar Bonde MD-. Malmoe/Sweden.

Ad 1) The results demonstrate a significant bactericidal effect of the lactoperoxidase system as all S.aureus bacteria were killed at a lactoperoxidase concentration of 60ug/ml and all P.acne bacteria at lactoperoxidase concentration of 120ug/ml. Presented in Patent application: PCT/NO 99/00111 p 18.

Ad 2) 2 commercial products were analysed with regard to their content of IgG and effect on P.Acne and S. Aureus. The acne treatment formulation was significant better than the throat lozenge VIM. And with a significant effect on the bacteria tested.

Presented in Patent appl: PCT/NO 99/0111. P 19-21.

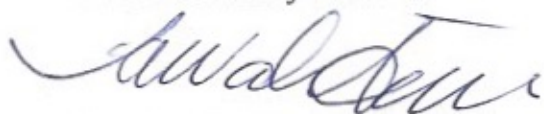
Ad 3) 20 patients were treated with the IgG -gel in 3 weeks and 15 for further 3 weeks. A significant reduction of papules from 328- 235 was seen in the 3 week period. The decrease in pustules from 48-21 was not significant. After 6 weeks treatment the reduction of papules from 328-121 (63,1%) was statistically significant ($p < 0.001$) and pustules from 48- 11 (77,1%) was also significant $p < 0,05$.

Presented in the Patent Appl: PCT/NO99/00111.

Several studies regarding the effect on skin thickness and elasticity based on the complex: Betacyclodextrin-A-vitaminpalmitate have been performed with excellent results on these 2 parameters.

As this complex is included in the IgG formulation it is relevant to refer this studies as well. Almost all are published. Reference list attached.

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Reference list to Acne Product Claims

- 1) Bacterial activity of the lactoperoxidase system on Propionbacterium acne and Staphylococcus aureus. By Inger Mattsby-Baltzer, Ass Prof, Univ of Gothenburg. Internal Document partly published in Patent application: PCT/NO99/0111
- 2) Analysis of antibody levels of colostrum included in Finito B. By Inger Mattsby-Baltzer., Ass. Prof. University of Gothenburg. Internal document partly published in Paten Application: PCT /NO 99/ 00111
- 3) The treatment of acne vulgaris using Antibodies. By Gunnar Bonde MD. Malmoe/Sweden. Partly published in patent Application:PCT/NO99/00111
- 4) Treatment with two different Galenical Formulations of Retinyl Palmitate in Humans. Thom, Erling. PhD. J. Appl. Cosmetol. 11. 71-76 (July-September) 1993
- 5) Penetration of different Retenoide Formulations in a Barrier System (Franz Diffusion Cell). Presented on " A Nordic Symposioum on " Focus on the anti-aging treatment of the skin" Jan Wadstein MD, Oslo March 24, 1993
- 6) Long term effects after topical applications of active retilyl palmitate. J.Appl. Cosmetol. 12, 25-30 (July-September) Erling Thom PhD.