

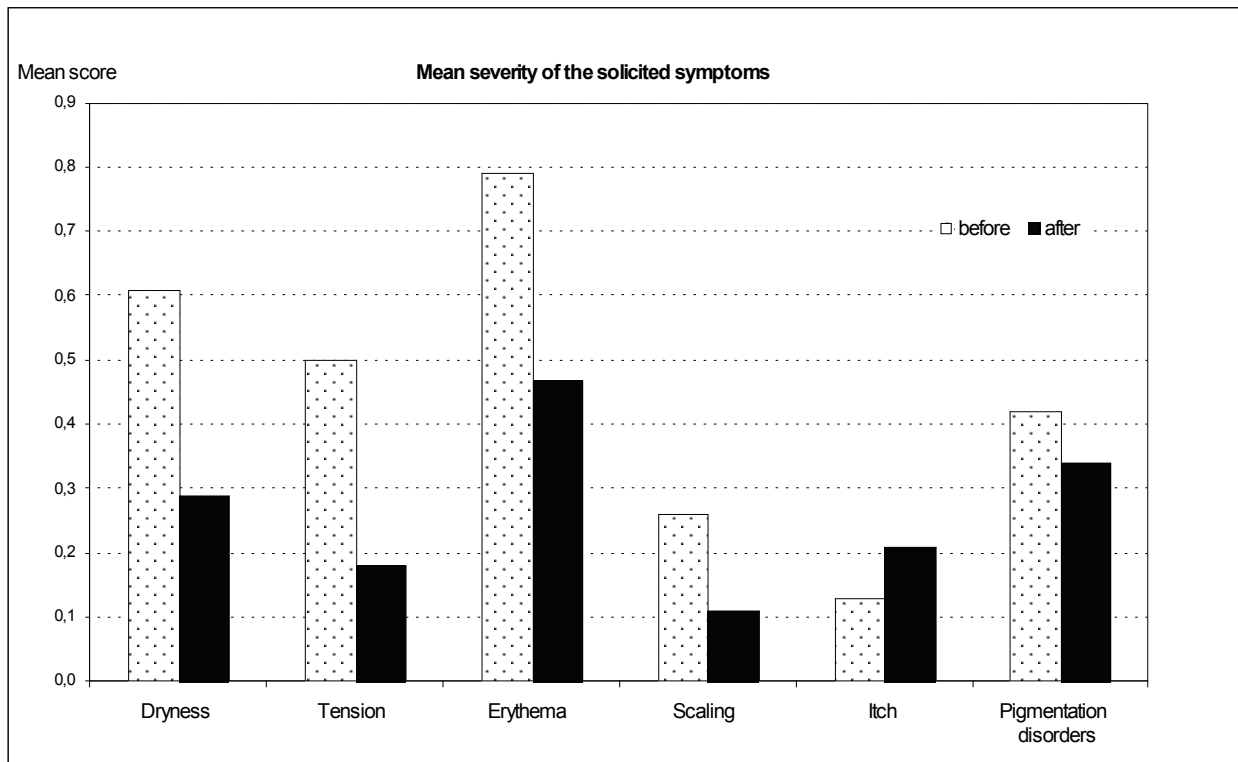


Summary of Clinical Studies

Eucerin® Sun Protection Sun Fluid SPF 50+

- Study Objective:** This clinical study was conducted to evaluate the sunscreen efficacy and skin compatibility of the local application of Eucerin® Sun Protection Sun Fluid SPF 50+.
- Type of Study:** Open, controlled, multicentre application study
- Study Population:** 38 patients (27 female, 11 male), ranging from 15 to 68 years of age, with sun sensitive skin qualified for study participation and analysis (2 patients didn't complete the study as planned): 20 patients underwent a previous laser treatment or a facial peeling. 10 patients were treated with acne medication and had to use sun protection. 10 patients did not receive any of the treatments above.
- Treatments:** Two-week treatment period, application at least 30 minutes before sun exposition and if required repeated reapplication especially after swimming and towelling by the patients in self-application
- Assessments:** Skin symptoms on the face were recorded and assessed at study start and after 2 weeks of regular use of test product. Severity of symptoms was graded using a 4-point scale. Finally, the physician and the patients evaluated the efficacy and the overall compatibility/tolerability of the preparation.
- Results:** Physicians' evaluation
Sunscreen efficacy: None of the patients showed signs of a sunburn on the face.
Skin Compatibility: The results show that the test product was very well tolerated by the patients over the entire duration of usage. Only two patients complained about itch, burning or erythema after application of the test product. Hence, in 92% of cases tolerability was assessed as "very good" or "good" by the physician.
Patients' evaluation
Patients confirmed the skin compatibility and the efficacy of the test products:
92.1% (35 out of 38) assessed the sun protection as "very good" or "good".
92.1% (35 out of 38) assessed the overall tolerability of the product as "very good" or "good", along with two "satisfactory" and one "poor" rating.
84.2% of the patients (32 out of 38) indicated that they would like to continue using the product beyond the end of this study.

Eucerin® Sun Protection Sun Fluid SPF 50+ (cont.)



In conclusion, under the conditions employed in this study, Eucerin® Sun Protection Sun Fluid SPF 50+ proved to be a highly effective sun care product with good to very good skin compatibility. It is suited for patients after laser treatment and facial peeling as well as for acne patients who are in need of effective sun protection due to their therapy.

Eucerin® Sun Protection Sun Fluid SPF 30

Study Objective: Three clinical studies were conducted to evaluate the efficacy and compatibility of a sun protection product (Eucerin® Sun Protection Sun Fluid SPF 30) in patients with sun sensitive normal or combination skin (20 patients in two studies) and in patients with acne (10 patients in one study), who require sun protection due to their medical treatment.

Type of Study: Open, controlled, three single centre application studies

Study Population: 30 patients (21 female, 9 male), ranging from 19 to 72 years of age qualified for study participation and analysis.

Treatments: Two-week treatment period with daily applications at least 30 minutes before the sun exposure. If necessary, in particular after bathing and towelling, the fluid was to be applied repeatedly to maintain the sun protection. No other sun protection product was allowed to be used in the face during the studies.

Assessments: The skin was assessed before the first application (baseline) and at the end of the 2-week study period. Parameters for the assessment by visual inspection performed by the dermatologist (expert) were: Dryness, tension, reddening, scaling, itching, and pigmentary disorders. Severity of symptoms was evaluated on a 4-point scale (none, mild, moderate, severe). Additionally, the physician documented any cases of sunburn during the study and provided an overall assessment of the compatibility/tolerability of the tested sun protection fluid. In addition to the physician's assessment, the patients judged the tested product based on eight different characteristics (tolerability, sun protection, consistency, absorption, skin smoothness, scent, color, and handling) and compared the Eucerin® Sun Protection Sun Fluid SPF 30 to their usually used sun protection product(s).

Results: Physicians' evaluation
Sunscreen efficacy: Based upon statistical evidence, the efficacy of the Eucerin® Sun Protection Sun Fluid SPF 30 was confirmed in these three 2-week trials.
Overall, the Eucerin® Sun Protection Sun Fluid SPF 30 proved to be a highly efficacious product to prevent sunburns in patients with existing skin diseases even under extreme sun exposure. Only one case of a mild sunburn in the face was reported even though the patients spent a considerable amount of time in the sun.
In addition to the effective sun protection, a beneficial effect of the fluid on the skin condition was also observed.

Eucerin® Sun Protection Sun Fluid SPF 30 (cont.)

After approximately two weeks of use:

Large numbers of improvements could be achieved in the solicited symptoms for both the face/cheeks and the body/shoulders, while at the same time only very few deteriorations were observed.

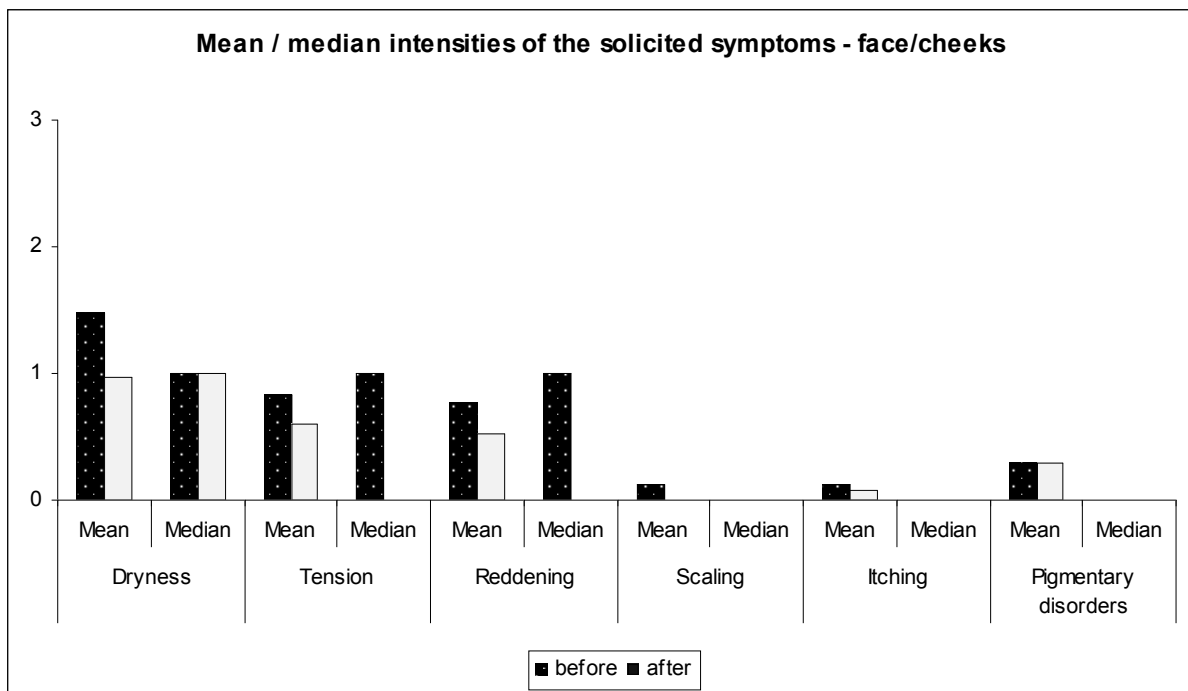
The overall skin condition was mainly judged to be symptom-free, to have improved or at least to be unchanged while only three worsened conditions were observed.

Skin Compatibility: The results showed that the test product was well tolerated by the patients over the entire duration of usage. Hence, tolerability was rated by the physician in 86.7% of cases to be very good or good.

Patients' evaluation

The patients confirmed the excellent sun protection and the good overall compatibility of the Sun Protection Sun Fluid: Among the eight specific product properties, the patients were particularly satisfied with the tolerability, the effective sun protection, and the good absorption as these criteria received the best possible median scores of 1.0, i.e. "very good".

In comparison to their previously used sun protection products the Eucerin® Sun Protection Sun Fluid SPF 30 was preferred by 36.7% of the patients and considered to be equally good in 33.3% of the cases.



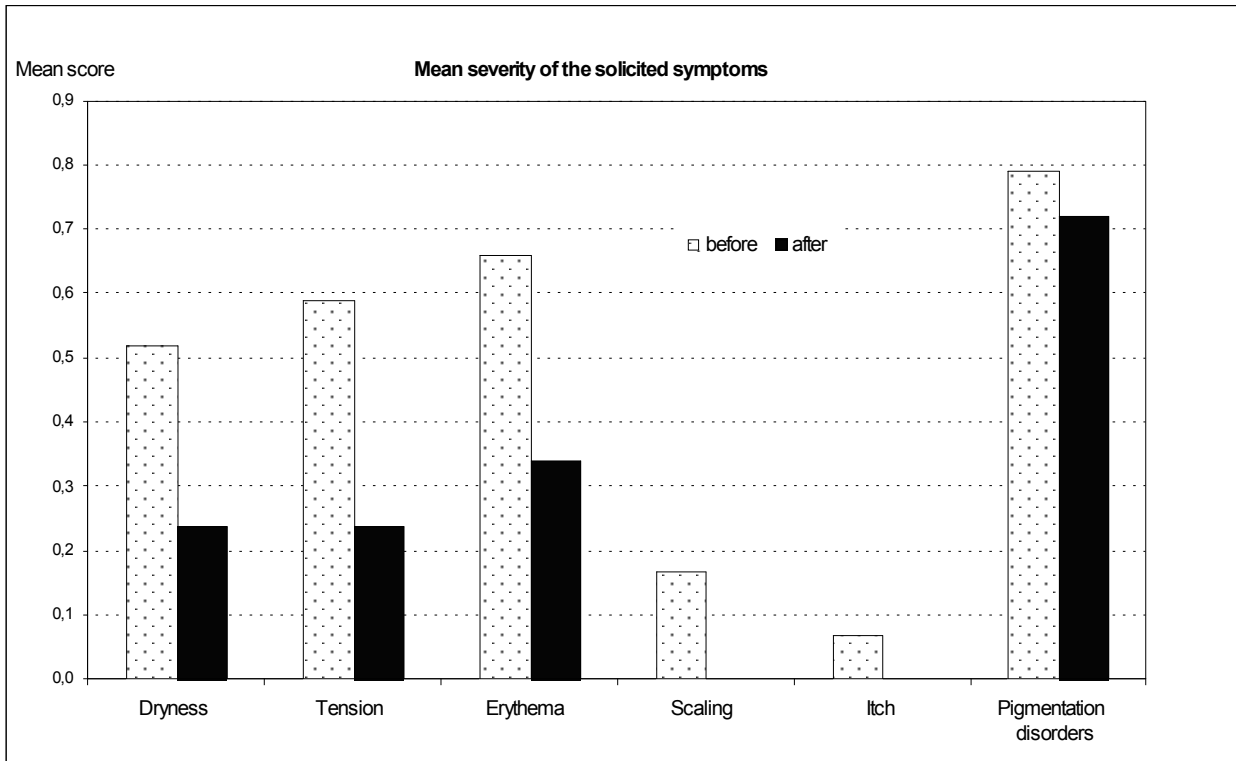
Eucerin® Sun Protection Sun Fluid SPF 30 (cont.)

In conclusion, under the conditions employed in these studies, the Eucerin® Sun Protection Sun Fluid SPF 30 proved to be a well tolerated and highly effective product to prevent sunburns in patients with sun sensitive skin including subjects suffering from acne who require sun protection due to their medical treatment.

Eucerin® Sun Protection Sun Creme SPF 50+

- Study objective:** This clinical in-use study was conducted to evaluate the efficacy and compatibility of a product developed for sun protection (Eucerin® Sun Protection Sun Creme SPF 50+) under normal usage conditions in patients with sun sensitive skin.
- Type of Study:** Open, controlled, multicentre application study
- Study Population:** 29 patients (26 female, 3 male), ranging from 20 to 59 years of age, with sun sensitive skin qualified for study participation and analysis: In 27 patients (93.1%) a dermatological disease was recorded. The most frequent solicited disease was atopic eczema on body (10 patients, i.e. 34.5%) and acne on face (8 patients, i.e. 27.6%). Furthermore, two patients presented with atopic eczema on face. 19 patients underwent a previous laser treatment or a facial peeling (study 1). 10 patients did not receive any of the treatments above (study 2).
- Treatments:** Two-week treatment period, application at least 30 minutes before sun exposition and if required repeated reapplication especially after swimming and towelling by the patients in self-application
- Assessments:** Skin symptoms on the face were recorded and assessed at study start and after 2 weeks of regular use of test product. Severity of symptoms was graded using a 4-point scale. Finally, the physician and the patients evaluated the efficacy and the overall compatibility/tolerability of the preparation.
- Results:** Physicians' evaluation
Sunscreen efficacy: None of the patients showed signs of a sunburn on the face.
Skin Compatibility: The results show that the test product was very well tolerated by the patients over the entire duration of usage. Only one patient complained about erythema after application of the test product. Five patients reported a greasy skin feeling when sweating due to physical exertion. Nevertheless, in 93.1% of cases tolerability was assessed as "very good" or "good" by the physician.
Patients' evaluation
Patients confirmed the skin compatibility and the efficacy of the test products:
93.1% (27 out of 29) assessed the sun protection as "very good" or "good".
89.7% (26 out of 29) assessed the overall tolerability of the product as "very good" or "good", along with two "satisfactory" and one "moderate" rating.
79.3% of the patients (23 out of 29) indicated that they would like to continue using the product beyond the end of this study.

Eucerin® Sun Protection Sun Creme SPF 50+ (cont.)



In conclusion, under the conditions employed in this study, Eucerin® Sun Protection Sun Creme SPF 50+ proved to be a highly effective sun care product with very good skin compatibility. It is suited for patients after laser treatment and facial peeling as well as for patients with atopic dermatitis.

Eucerin® Sun Protection Sun Creme SPF 30

- Study Objective:** This clinical study was conducted to evaluate the efficacy and compatibility of a facial sunscreen product with SPF 30 (Eucerin® Sun Protection Sun Creme SPF 30) under UV exposure during a climate therapy.
- Type of Study:** Open, controlled, single centre application study
- Study population:** 20 patients (15 female, 5 male), ranging from 19 to 78 years of age, with dry skin and atopic eczema qualified for study participation and analysis
- Treatments:** Two-week treatment period, self-application on the face at least 30 minutes before sun exposure
- Assessments:** Skin was assessed before application (baseline) and after 2 weeks of regular use. Parameters for the assessment of skin (Face/cheek, body/shoulder) performed by the dermatologist (expert) were: dryness, redness, itching, feeling of tightness, flaking / scaling and pigmentary disorder / abnormality: Severity of symptoms was evaluated on a 4-point scale. Finally, the dermatologist evaluated the efficacy and the compatibility of the facial sunscreen. Additionally, the patients evaluated the product according to 8 different items including compatibility, sunscreen effect, scent and colour.
- Results:** Dermatologists' evaluation:
Sunscreen efficacy: Nobody of the patients developed sunburn in face and check in the course of the study. In consequence, the sunscreen effect was evaluated to be very good.
Skin compatibility: 85% of all patients (17 out of 20) showed at least good compatibility.
Compared to the baseline, the state of skin improved in 85% of all patients; 5% were even free of symptoms and 10% got a worsened state of skin. The dryness, redness, itching and feeling of tightness in face and check was significantly reduced after application.
Patients' evaluation: All participating subjects (18 out of 18) confirmed the sunscreen effect as good respectively very good. 85% (17 out of 20) confirmed the compatibility as good and very good. 13 (65%) patients of all patients rated the tested products to be better than the previously used product. 75% will use the tested product in the future.

Eucerin® Sun Protection Sun Creme SPF 30 (cont.)

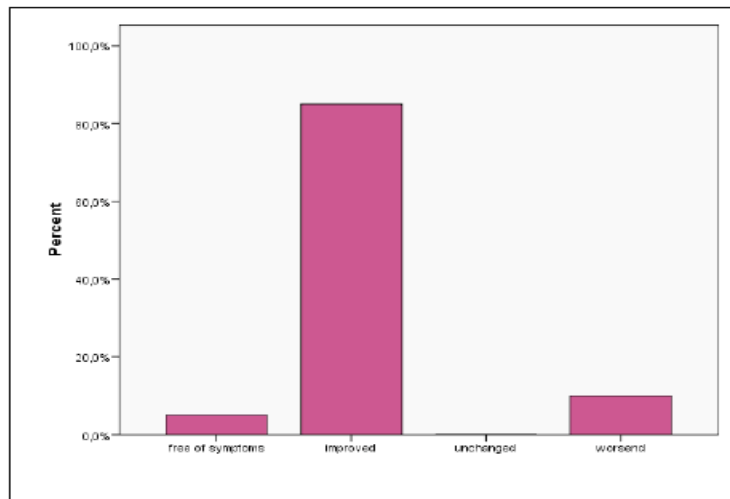


Figure 1: Overall Skin Condition at Study End

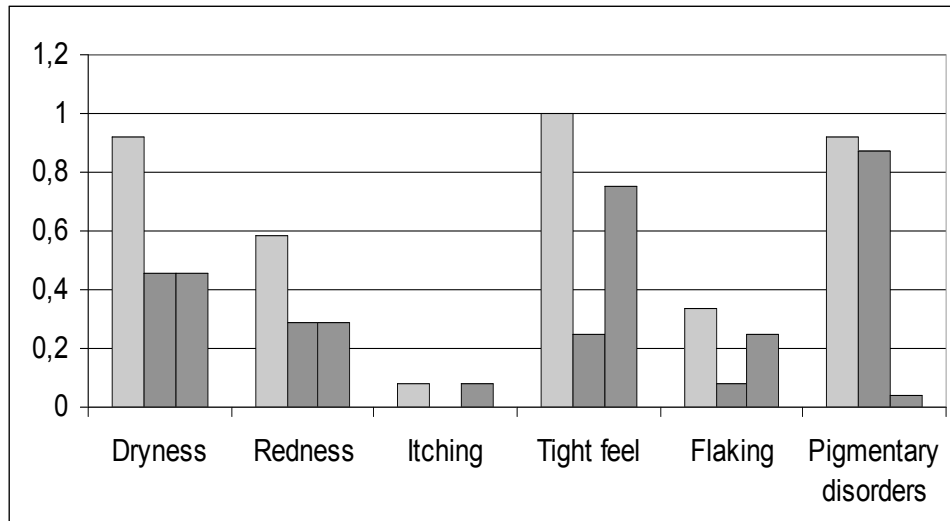
In conclusion, under the conditions employed in this study, the Eucerin® Sun Protection Sun Creme SPF 30 proved to be a well tolerated and effective product which is very well suited for patients with dry skin and atopic dermatitis.

Eucerin® Sun Protection Sun Creme Tinted SPF 50+

- Study Objective:** This clinical study was conducted to evaluate the sunscreen efficacy and skin compatibility of the local application of Eucerin® Sun Protection Sun Creme Tinted SPF 50+.
- Type of Study:** Open, controlled, multicentre application study
- Study Population:** Outpatients or in-patients (study 1): 8 after laser treatment and 8 after facial peel
Outpatients or in-patients (study 2): 8 patients
- Treatments:** Sunscreen product had to be applied at least 30 minutes before sun exposure on a daily basis. Multiple applications primarily required after swimming and towelling to preserve sunscreen.
- Assessments:** Initial Assessment: Clinical assessment by physician
Final Assessment: Clinical assessment by physician and patient interview
All results and assessments are listed in the case report file (CRF)
- Results:** Physicians' evaluation
Sunscreen efficacy: No test subject experienced sunburn during the observation period.
Skin Compatibility: The skin compatibility of Eucerin® Sun Protection Tinted Sun Cream SPF 50+ on treated (after laser treatment and facial peel) and untreated skin was evaluated by the physician as "very good" in 67% of the patients and "good" in 29% of the patients.
Most test subjects experienced an improvement of their overall skin condition including dryness, redness, tight feeling of skin and flaking/desquamation.
Patients' evaluation
Sunscreen Efficacy: Sunscreen efficacy of the tested product was assessed by 79% of the patients to be "very good". The remaining patients evaluated efficacy to be "good".
Skin Compatibility: Skin compatibility was evaluated by 75% of the patients as "very good" and the remaining volunteers evaluated compatibility to be "good".

Eucerin® Sun Protection Sun Creme Tinted SPF 50+ (cont.)

Figure: Pre-/Post Application of Test Product



As shown, the most marked difference in pre- and post values was found for the parameter “feeling of skin tightness” followed by “dryness”.

Eucerin® Sun Protection Sun Creme Tinted SPF 50+ offers excellent sun protection and has very good skin compatibility even after laser treatment and facial peels.

Eucerin® Sun Protection Sun Lotion Extra Light SPF 50

- Study Objective:** This clinical study was conducted to evaluate the efficacy and compatibility of a sun protection product (EUCERIN® Sun Protection Sun Lotion Extra Light SPF 50) in patients with sun sensitive skin under the UV exposure during a climate therapy.
- Type of Study:** Open, controlled, single centre application study
- Study Population:** 20 patients (16 female, 4 male), ranging from 16 to 87 years of age, with sun sensitive skin qualified for study participation and analysis. Fourteen of the 20 patients suffered from some type of a skin disease at the start of the study with atopic eczema (body: 10 / 50.0%; face: 3 / 15.0%) being the most frequently reported disease. In addition to the solicited diseases, two patients (10.0%) presented with some other skin disease at the start of the study.
- Treatments:** Two-week treatment period with daily applications at least 30 minutes before the sun exposure. If necessary, in particular after bathing and towelling, the lotion was to be applied repeatedly to maintain the sun protection.
- Assessments:** The skin was assessed before the first application (baseline) and at the end of the 2-week study period. Parameters for the assessment by visual inspection performed by the dermatologist (expert) were: dryness, tension, reddening, scaling, itching, and pigmentary disorders. Severity of symptoms was evaluated on a 4-point scale (none, mild, moderate, severe). Additionally, the physician documented any cases of sunburn during the study and provided an overall assessment of the compatibility/tolerability of the tested sun lotion. In addition to the physician's assessment, the patients judged the tested product based on eight different characteristics (tolerability, sun protection, consistency, absorption, skin smoothness, scent, color, and handling) and compared the Eucerin® Sun Protection Sun Lotion Extra Light SPF 50 to their usually used sun protection product(s).
- Results:** Physicians' evaluation
Sunscreen efficacy: Based upon statistical evidence, the efficacy of the Eucerin® Sun Protection Sun Lotion Extra Light SPF 50 was confirmed in this 2-week trial. Overall, the Eucerin® Sun Protection Sun Lotion Extra Light SPF 50 proved to be a highly efficacious product to prevent sunburns in patients with existing skin diseases even under extreme sun exposure. No cases of sunburns were reported even though the patients spent a considerable amount of time in the sun.

Eucerin® Sun Protection Sun Lotion Extra Light SPF 50 (cont.)

In addition to the effective sun protection, a beneficial effect of the lotion on the skin condition was also observed. After approximately two weeks of use almost exclusively on the body/shoulders: Large numbers of improvements could be achieved in the solicited symptoms, while at the same time no deteriorations were observed.

The overall skin condition was mainly judged to be symptom-free or to have improved with no worsened conditions.

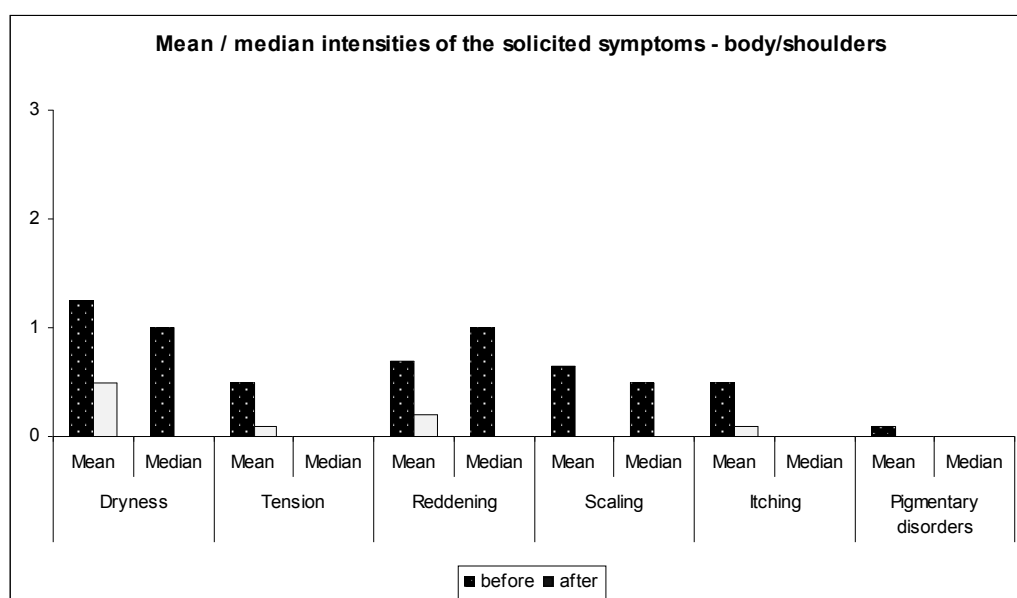
Skin Compatibility: The results showed that the test product was very well tolerated by the patients over the entire duration of usage. Hence, tolerability was rated by the physician in 90% of cases to be very good or good.

Patients' evaluation

The patients confirmed the excellent sun protection and the very good overall compatibility of the sun lotion:

Among the eight specific product properties, the patients were particularly satisfied with the tolerability and the effective sun protection as both criteria received the best possible median scores of 1.0, i.e. "very good".

In comparison to their previously used sun protection products the Eucerin® Sun Protection Sun Lotion Extra Light SPF 50 was considered to be superior or equally good by half of the patients (10 / 50.0%).

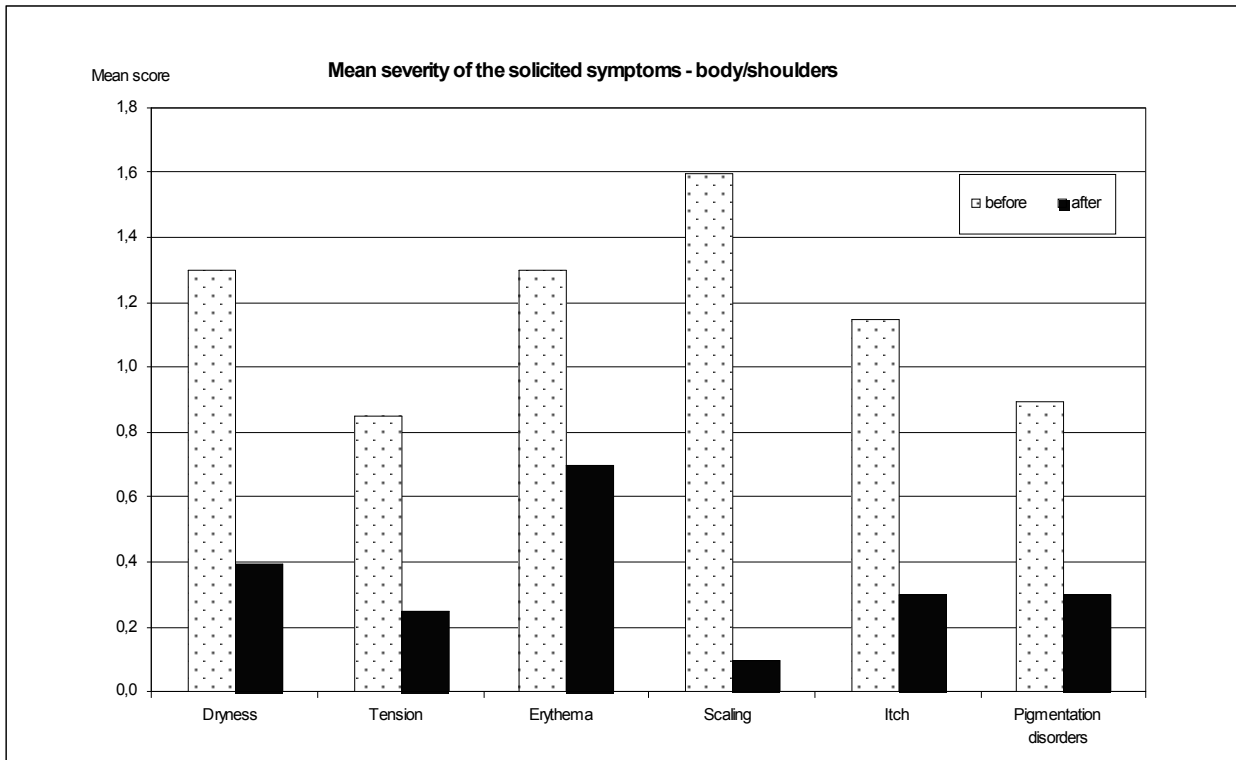


In conclusion, under the conditions employed in this study, the Eucerin® Sun Protection Sun Lotion Extra Light SPF 50 proved to be a very well tolerated and highly effective product to prevent sunburns in patients with sun sensitive skin including subjects suffering from skin diseases such as atopic dermatitis.

Eucerin® Sun Protection Sun Lotion Extra Light SPF 30

- Study Objective:** This clinical in-use study was conducted to evaluate the efficacy and compatibility of a product developed for sun protection (Eucerin® Sun Protection Sun Lotion Extra Light SPF 30) under normal usage conditions in patients with and without atopic dermatitis.
- Type of Study:** Open, single centre, application study
- Study Population:** 20 patients (12 female, 8 male), ranging from 22 to 56 years of age, with or without atopic dermatitis qualified for study participation and analysis.
- Treatments:** Two-week treatment period, application at least 30 minutes before sun exposition and if required repeated reapplication especially after swimming and towelling by the patients in self-application
- Assessments:** Skin assessed anamnestically at study start and after 2 weeks of regular use of test product. Severity of symptoms was graded using a 4-point scale. Finally, the physician and the patients evaluated the efficacy and the overall compatibility/tolerability of the preparation.
- Results:** Physicians' evaluation
Sunscreen efficacy: 85% of the patients (17 out of 20) were assessed improved or symptom-free. Only two patients presented with signs of a slight sunburn on the body (grade 1). None of the patients showed sunburn on face.
Skin Compatibility: The results show that the test product was very well tolerated by the study population over the entire duration of usage. Only one patient (with multiple contact allergies) had tolerability problems with questionable relation to the test product.
Patients' evaluation
Patients confirmed the overall compatibility and the efficacy of the test products:
75% (15 out of 20) assessed the sun protection as "very good" or "good", along with one "satisfactory" rating and four statements of "not assessable".
90% (18 out of 20) assessed the overall tolerability of the product as "very good" or "good", along with one "satisfactory" and one "poor" rating.
95% (19 out of 20) confirmed the statement "I like to continue using the products".

Eucerin® Sun Protection Sun Lotion Extra Light SPF 30 (cont.)



In conclusion, under the conditions employed in this study, Eucerin® Sun Protection Sun Lotion Extra Light SPF 30 proved to be a very well tolerated and effective product which is also suited to be used by patients with atopic dermatitis.

Eucerin® Sun Protection Sun Spray SPF 50+

- Study Objective:** This clinical in-use study was conducted to evaluate the efficacy and compatibility of a product developed for sun protection (Eucerin® Sun Protection Sun Spray SPF 50+) under UV exposure during a climate therapy.
- Type of Study:** Open, single centre, application study
- Treatments:** Two-week treatment period, application at least 30 minutes before sun exposition and if required repeated reapplication especially after swimming and towelling by the patients in self-application
- Study Population:** 20 patients (13 female, 7 male), ranging from 15 to 71 years of age, with healthy skin qualified for study participation and analysis.
- Assessments:** Skin was assessed before application (baseline) and after 2 weeks of regular use. Parameters for the assessment of skin (face/cheeks, body/shoulders) performed by the dermatologist (expert) were: dryness, redness, itching, feeling of tightness, flaking/scaling and pigmentary disorder/abnormality. Severity of symptoms was evaluated on a 4-point scale. Finally, the dermatologist evaluated the efficacy and the compatibility of the sunscreen sun spray. Additionally, the patients evaluated the product according to 8 different items including compatibility, sunscreen effect, scent and colour.
- Results:**
- Physicians' evaluation:
- Efficacy: None of the patients developed a sunburn on face and cheeks or body and shoulders in the course of the study even though the patients spent a considerable amount of time in the sun.
- Skin Compatibility: In 90 % of all patients (18 out of 20) the physician rated skin compatibility as very good or good. 2 patients exhibited a satisfactory compatibility. The overall skin condition was mainly judged as unchanged or to be symptom-free and no worsened skin condition was documented.
- Patients' evaluation:
- 95 % of all participating patients (19 out of 20) evaluated the sunscreen effect of the product as good or very good. 85 % (17 out of 20) of the participants judged the skin compatibility as good and very good. 8 patients (40%) of all patients rated the tested product to be better than the previously used products. All patients indicated that they would like to continue using the product beyond the end of this study

Eucerin® Sun Protection Sun Spray SPF 50+ (cont.)

Figure: Pre/Post – Comparison of Dryness of Face and Cheeks

In conclusion, under the conditions employed in this study, the Eucerin® Sun Protection Sun Spray SPF50+ proved to be a very well tolerated and highly effective product which is recommendable for patients with healthy skin.

Eucerin® Sun Protection Sun Spray SPF 20

- Study Objective:** This clinical in-use study was conducted to evaluate the efficacy and compatibility of a product developed for sun protection (Eucerin® Sun Protection Sun Spray SPF 20) under normal usage conditions.
- Type of Study:** Open, single centre, application study
- Study Population:** 20 outpatients or in-patients who require sun protection: Male or female, 14 years of age or older with healthy skin qualified for study participation and analysis.
- Treatments:** Two-week treatment period, application at least 30 minutes before sun exposition and if required repeated reapplication especially after swimming and towelling by the patients in self-application
- Assessment:** Initial Assessment: Clinical assessment by physician
Final Assessment: Clinical assessment by physician and patient interview
All results and assessments are listed in the case report form (CRF)
- Results:** Physicians' evaluation:
Sunscreen efficacy: No test subject experienced sunburn during the observation period.
Skin compatibility: The skin compatibility of Eucerin® Sun Protection Spray with SPF 20 was evaluated by the physician almost exclusively as "very good" or "good" (in 53% and 42% of patients, respectively).
The overall skin condition was mainly judged as unchanged or to be symptom-free and no worsened skin condition was documented.
Patients' evaluation:
Sunscreen efficacy: Sunscreen efficacy of the tested product was assessed by 32% of the patients to be "very good" while 58% of patients evaluated efficacy to be "good".
Skin compatibility: Skin compatibility was evaluated by 58% of the patients as "very good" and 37% of the volunteers evaluated compatibility to be "good".

Eucerin® Sun Protection Sun Spray SPF 20 (cont.)

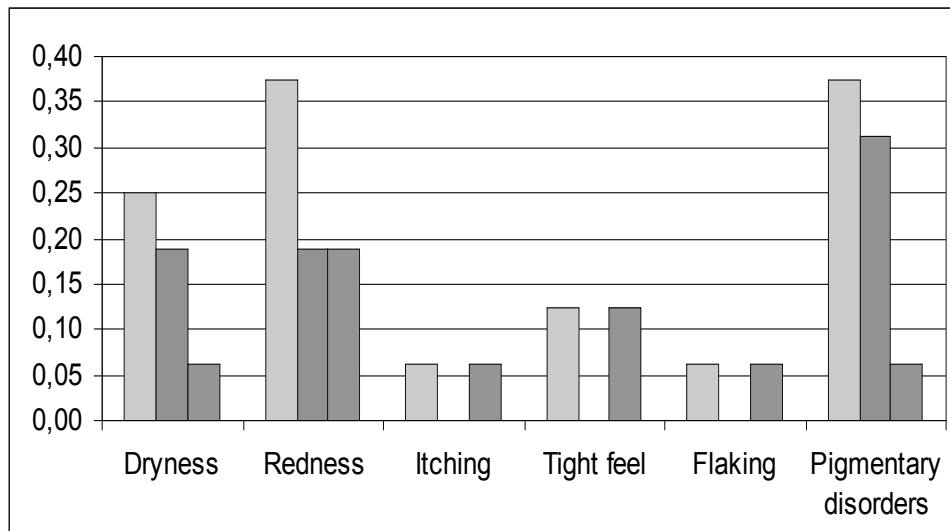


Figure: Pre-/Post Application of Test Product- Face/Cheeks

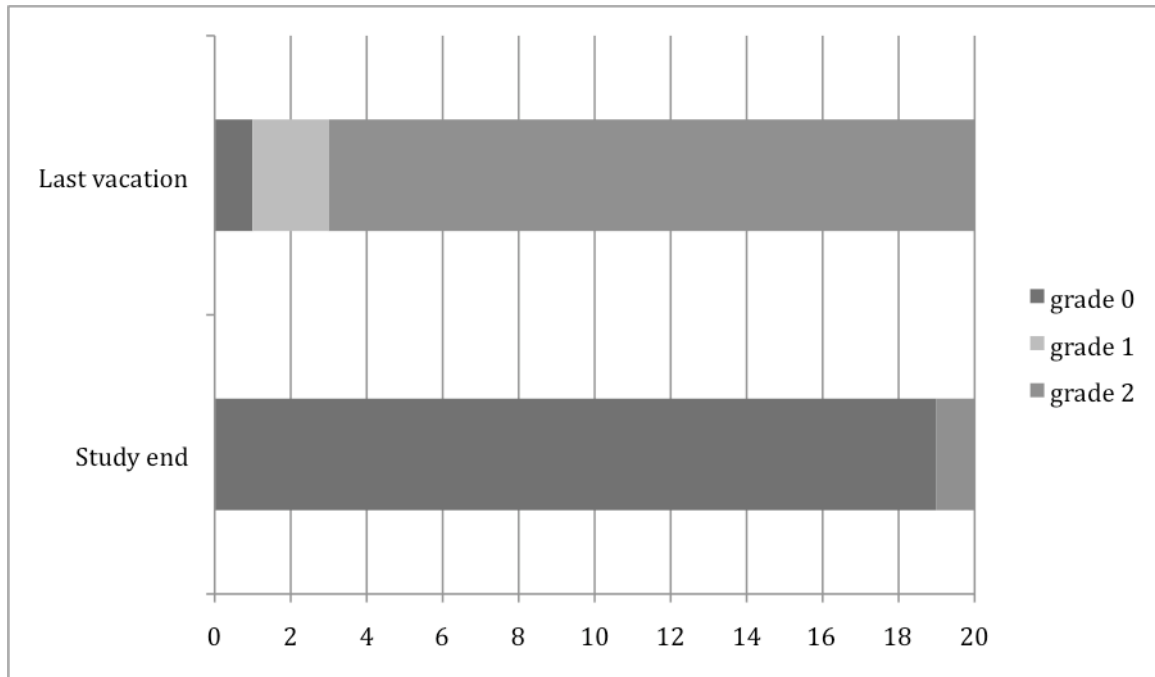
In conclusion, under the conditions employed in this study, Eucerin® Sun Protection Sun Spray SPF 20 offers excellent sun protection and has very good skin compatibility.

Eucerin® Sun Protection Allergy Protection Sun Creme-Gel SPF 25 **Eucerin® Allergy Protection After Sun Creme-Gel**

- Study Objective:** This clinical study was conducted to evaluate the efficacy and compatibility of two products especially developed for sun allergy protection (Eucerin® Sun Protection Allergy Protection Sun Creme-Gel SPF 25 and Eucerin® Allergy Protection After Sun Creme-Gel) under normal usage conditions in patients with sun induced polymorphic light dermatosis / polymorphic light eruption (PLE).
- Type of Study:** Open, controlled, single centre application study
- Study Population:** 20 patients (4 female, 16 male), ranging from 5 to 69 years of age, with sun induced polymorphic light eruption (PLE) qualified for study participation and analysis.
- Treatments:** Two-week treatment period, minimum application 30 minutes before sun exposition and if required to reapply repeatedly especially after swimming (Allergy Protection Sun Creme-Gel SPF 25) and once daily after sun exposition (Allergy Protection After Sun Gel) by the patients in self-application
- Assessments:** Symptoms of PLE were recorded for the time of previous vacation, and assessed anamnestically at study start and after 2 weeks of regular use of test products. PLE severity was rated using the grading system published by Hadshiew et al. (Dermatology 195: 362-368; 1998). Severity of symptoms was graded using a 4-point scale. Finally, the physician and the patients evaluated the efficacy and the overall compatibility/tolerability of the two preparations.
- Results:** Physicians' evaluation
Sunscreen efficacy: 95% of the patients (19 out of 20) did not develop symptoms of polymorphic light eruption (PLE). Only one of the patients presented with signs of a sun allergy.
Skin Compatibility: The results showed that both test products were very well tolerated by the study population over the entire duration of usage.
Patients' evaluation: Patients confirmed the overall compatibility and the efficacy of the test products:
95% (19 out of 20) assessed the overall efficacy as "very good" or "good", along with one "satisfactory" rating.
95% (19 out of 20) assessed the overall tolerability of both products as "very good" or "good", along with one "satisfactory" rating each.
95% (19 out of 20) confirmed the statement "I like to continue using the products".

Eucerin® Sun Protection Allergy Protection Sun Creme-Gel SPF 25 Eucerin® Allergy Protection After Sun Creme-Gel (cont.)

Figure: Severity of PLE



In conclusion, under the conditions employed in this study, the two products especially developed for sun allergy protection proved to be very well tolerated and effective in the protection against symptoms of polymorphic light eruption

Eucerin® Sun Protection Kids Sun Spray SPF 50+

Study Objective: This clinical study was conducted to evaluate the tolerability and efficacy of a sun care spray (Eucerin® Sun Protection Kids Sun Spray SPF 50+) in children with sun sensitive skin and/or atopic dermatitis under UV-exposure during a climate therapy.

Type of Study: Open, controlled, single centre application study

Study Population: 20 patients (12 female, 8 male), ranging from 2 to 12 years of age, with sun sensitive skin and/or atopic dermatitis qualified for study participation and analysis: The majority of the participants (13 / 65.0%) were diagnosed to have atopic eczema. In these 13 subjects, 11 (55.0%) had atopic eczema on the body only and 2 (10.0%) subjects had atopic eczema on the body and the face. 7 patients (35.0%) were evaluated to have no dermatological disease when they entered the study.

Treatments: Two-week treatment period, sun care product used at least 30 minutes before sun exposure on the face and/or body by the patients in self-application. If needed, application should be repeated. No other sun protection product was allowed to be used during the study.

Assessments: Skin was assessed before application (baseline) and after the period of regular use. Parameters for the assessment of the skin by visual inspection performed by the dermatologist (expert) were: dryness, redness, itching, tension, scaling and pigmentation disorders. Severity of symptoms was evaluated on a 4-point scale.
Finally, the physician and the patients evaluated the efficacy and the overall compatibility/tolerability of the sun spray.

Results: Physicians' evaluation
Sunscreen efficacy: Overall, the Eucerin® Sun Protection Kids Sun Spray SPF 50+ proved to be an efficacious sun care product for preventing sunburns in patients under UV-exposure during a climate therapy. Only one single case of mild sunburn was documented even though the patients spent a considerable amount of time in the sun.
The overall skin condition was mainly judged to be unchanged or to have improved with only one worsened condition. Large numbers of improvements of the 6 solicited symptoms were documented, while at the same time only very few deteriorations were observed.
Skin Compatibility: The results showed that the test product was very well tolerated by the study population over the entire duration of usage.

Eucerin® Sun Protection Kids Sun Spray SPF 50+ (cont.)

Patients' evaluation

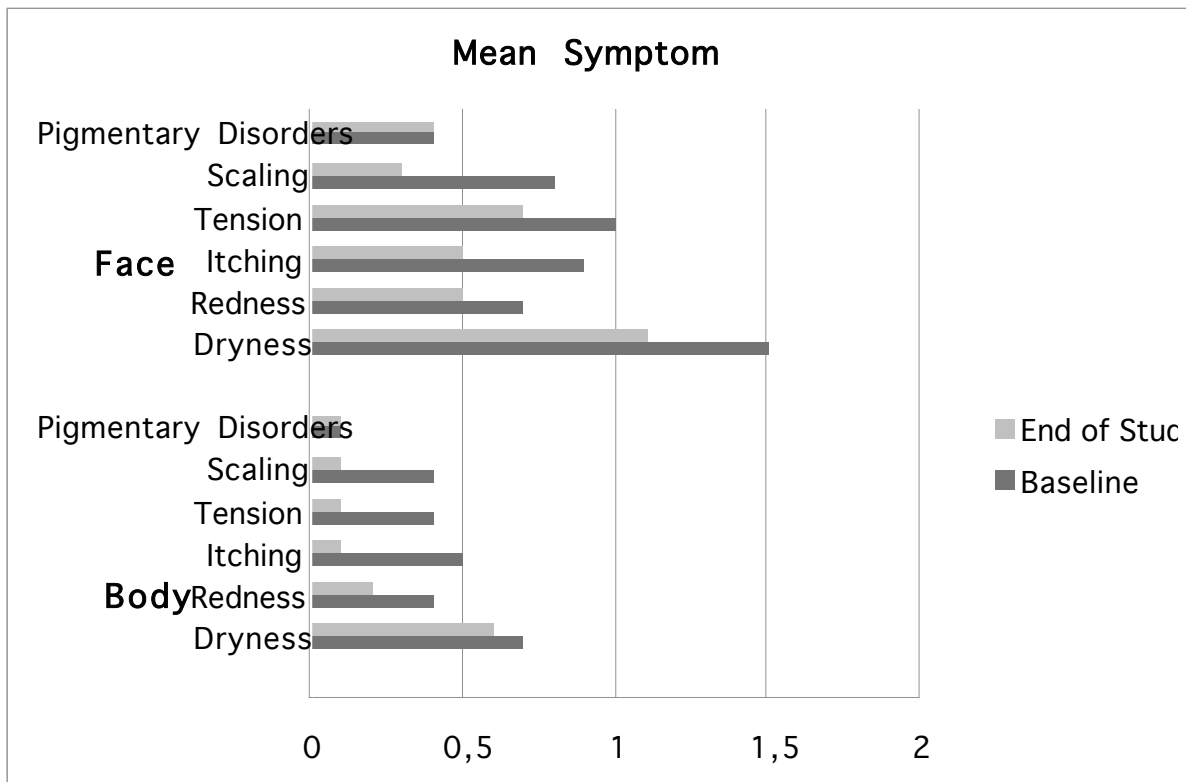
The patients confirmed the skin compatibility and the efficacy of the sun spray:

100% (20 out of 20) assessed the overall tolerability as "very good" or "good".

100.0% (20 out of 20) assessed the sun protection "very good" or "good".

All (90.0%) but two of the patients (10.0%) confirmed the statement "I like the tested spray better or as much (than the product I used before)".

Texture, absorption, suppleness of the skin, scent and color of the test product was judged with good scores by the majority of the subjects (1.8 to 2.2). Only the handling of the pump spray was rated poorer (2.8 on a 5 point scale).



In conclusion, under the conditions employed in this study, the Eucerin® Kids Sun Spray SPF 50+ proved to be a very well tolerated and effective sun care product in patients with sun sensitive skin. It is also suited for subjects suffering from skin diseases such as atopic dermatitis.

Eucerin® Sun Protection Kids Sun Lotion SPF 50+

- Study Objective:** This clinical study was conducted to evaluate the efficacy and compatibility of a sun protection product (Eucerin® Sun Protection Kids Sun Lotion SPF 50+) in children with sun sensitive skin under the UV exposure during a climate therapy.
- Type of Study:** Open, controlled, single centre, application study
- Study Population:** 20 patients (11 female, 9 male), ranging from two to 16 years of age, with sun sensitive skin qualified for study participation and analysis: Twelve of the 20 patients suffered from some type of a skin disease at the start of the study with atopic eczema (body: 7 / 35.0%) being the most frequently reported disease. In addition to the solicited diseases, five patients (25.0%) presented with some other skin disease at the start of the study.
- Treatments:** Two-week treatment period with daily applications at least 30 minutes before the sun exposure. If necessary, in particular after bathing and towelling, the lotion was to be applied repeatedly to maintain the sun protection.
- Assessments:** The skin was assessed before the first application (baseline) and at the end of the 2-week study period. Parameters for the assessment by visual inspection performed by the dermatologist (expert) were: Dryness, tension, reddening, scaling, itching, and pigmentary disorders. Severity of symptoms was evaluated on a 4-point scale (none, mild, moderate, severe). Additionally, the physician documented any cases of a sunburn during the study and provided an overall assessment of the compatibility/tolerability of the tested sun lotion. In addition to the physician's assessment, the patients or their parents judged the tested product based on eight different characteristics (tolerability, sun protection, consistency, absorption, skin smoothness, scent, color, and handling) and compared the Eucerin® Kids Sun Lotion SPF 50+ to their usually used sun protection product(s).
- Results:** Physicians' evaluation
Sunscreen efficacy: Based upon statistical evidence, the efficacy of the Eucerin® Kids Sun Lotion SPF 50+ was confirmed in this 2-week trial.
Overall, the Eucerin® Sun Protection Kids Sun Lotion SPF 50+ proved to be a highly efficacious product to prevent sunburns in patients with existing skin diseases even under extreme sun exposure. Only one case of a mild sunburn was reported even though the patients spent a considerable amount of time in the sun.

Eucerin® Sun Protection Kids Sun Lotion SPF 50+ (cont.)

In addition to the effective sun protection, a beneficial effect of the lotion on the skin condition was also observed. After approximately two weeks of use:

Large numbers of improvements could be achieved in the solicited symptoms for both the face/cheeks and the body/shoulders, while at the same time only very few deteriorations were observed.

The overall skin condition was mainly judged to have improved or at least to be unchanged with only two worsened conditions.

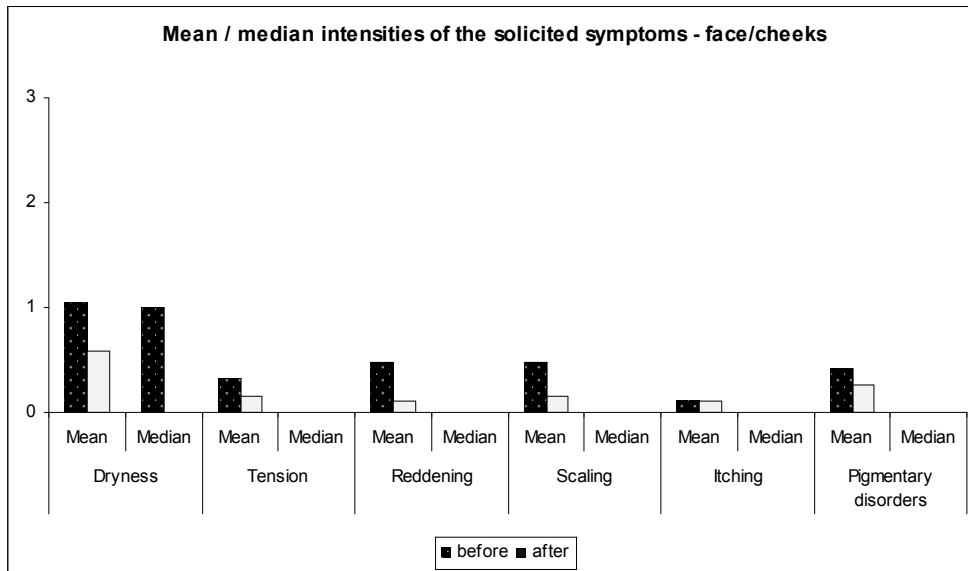
Skin Compatibility: The results showed that the test product was well tolerated by the patients over the entire duration of usage. Hence, tolerability was rated by the physician in 90% of cases to be very good or good.

Patients' evaluation

The patients / their parents confirmed the excellent sun protection and the good overall compatibility of the sun lotion:

Among the eight specific product properties, the patients / parents were particularly satisfied with the tolerability and the effective sun protection as both criteria received median scores of 1.5, i.e. "very good" to "good".

In comparison to their previously used sun protection products the Eucerin® Kids Sun Lotion SPF 50+ was preferred by more than half of the patients / parents (13 / 65.0%).



In conclusion, under the conditions employed in this study, the Eucerin® Sun Protection Kids Sun Lotion SPF 50+ proved to be a well tolerated and highly effective product to prevent sunburns in patients with sun sensitive skin including subjects suffering from skin diseases such as atopic dermatitis.