

# Case ALHYDRAN: Hot water burn (scald)

## 1. Case study description

patient age	4,5 years
gender	female
cause	hot water burn
treatment to wound closure	modern wound care dressings
therapy after care	1,5 years after wound closure start with ALHYDRAN, after one month completed with pressure therapy

## 2. Evolution of the wound



## 3. Conclusions medical team

- The good hydration by ALHYDRAN improves the flexibility of the vulnerable skin and has a positive effect on the itching and the redness. Scars become more flexible
- The use of pressure garments (after one month ALHYDRAN therapy) has a good effect on the aspect (flattening) of the scar
- The use of ALHYDRAN contributes significantly to the reduction of itching and redness. The scar becomes more flexible

## 4. Patient experience (and parents)

- Improved flexibility of the skin, less itching and redness
- Clear improvement of the mobility and a visual improvement of the look of the scars

Case study: C. Sukan, LotuS MDC, Ankara, Turkey

# Case ALHYDRAN:

## Flame burn (lower) leg

### 1. Case study description

patient age	15 years
gender	female
cause	flame burn
treatment to wound closure	1 week Flammazine, thereafter hydrocolloid gel + Jelonet as wound dressing and light therapy to enhance wound healing
therapy after care	ALHYDRAN, immediately after wound closure pressure garments and Silicone sleeve + hydration with ALHYDRAN (2 to 3 times a day) after one year follow up with ALHYDRAN alone

### 2. Evolution of the wound



### 3. Conclusions medical team

- Wound healing after 19 days
- Evolution to complete maturation within 1 year, with excellent results regarding to color (slight hypo pigmentation) and elasticity of the scar
- Absolutely no hypertrophic scarring and impairment of mobility

### 4. Patient experience (and parents)

The patient was originally not very excited by the typical Aloe Vera smell of the ALHYDRAN. However this patient was very satisfied by the other properties of the gel cream such as easiness of application and the hydration after application, resulting in much better suppleness of the skin. Also less itching was noticed by this young girl.

Case study: Prof. S. Monstrey and H. Hoeksema. University Hospital Ghent – department of Plastic and Reconstructive Surgery and Burns Center, Belgium

# Case ALHYDRAN: Chronical wound

## 1. Case study description

patient age	79 years
gender	female
cause	open fracture luxation (04-2006), right ankle with osteosynthesis material post operation, a chronical wound developed
treatment to wound closure	curettage and hydrogel on wound wound borders with ALHYDRAN
therapy after care	ALHYDRAN

## 2. Evolution of the wound



## 3. Conclusions medical team

- After luxation fracture and the operation with osteosynthesis material, the wound had never been closed
- Due to the presence of the characteristics of a chronical wound with underlying OS material, there is a big chance of deeper infections and the wound will be very difficult to close
- OS material was removed laterally
- The wound borders have improved significantly due to treatment with ALHYDRAN
- In the after care only ALHYDRAN was used

Case study: E. Roovers, Wound Care Coordinator, Ziekenhuisnetwerk Antwerpen (ZNA), Belgium

# Case ALHYDRAN: Second degree burn

## 1. Case study description

patient age	45 years
gender	male
cause	fireworks burn, 31th of December 2006
treatment to wound closure	Flammazine
therapy after care	5 weeks post accident start with ALHYDRAN, 3 daily doses, brought on thick during the first few weeks

## 2. Evolution of the wound



## 3. Conclusions medical team

- Deep second degree burn with serious ankle damage
- Therapy starts with Flammazine, patient evolves well, only a lot of complaints on itching of closed skin
- After 5 weeks: start with ALHYDRAN on the freshly closed skin, 3 times per day
- ALHYDRAN had good result on the skin, which improved rapidly
- Itching complaints disappeared immediately when ALHYDRAN was used

## 4. Patient experience

- Flammazine gave a lot of itching problems
- Upon start of the treatment with ALHYDRAN, immediate reduction of itching
- Therapy: 3 daily doses, or each time the skin was itching
- After 6 months, the skin was soft and calm, patient started sporting again
- Skin looks good and calm now
- After 18 months, maintenance of 1 daily dose of ALHYDRAN

Case study: Dr. K. Veel MD, AAB Aruba

# Case ALHYDRAN: Radiotherapy (after care)

## 1. Case study description

patient age	68 years
gender	female
diagnosis	mastectomy with axillary dissection
therapy after care	started with ALHYDRAN (3 times daily) immediately after (27x) radiotherapy

## 2. Evolution of the skin



Start ALHYDRAN 3x daily



Operation area after 5 days, ALHYDRAN 3x daily

## 3. Conclusions medical team

- ALHYDRAN ensures that the radiated area is less inflamed, red and painful
- ALHYDRAN ensures that the skin heals optimally. As a result of the good and rapid healing, the follow-up phase can be started earlier
- ALHYDRAN is pleasant to use and simple to apply

## 4. Patient experience

- ALHYDRAN ensures less pain and redness
- There is noticeably rapid improvement to the radiated area
- ALHYDRAN is pleasant to use

Case study: Ms M. van 't Hekke, Skin Therapist, Zwolle, The Netherlands

# Case ALHYDRAN: Radiotherapy

## 1. Case study description

patient age	42 years
gender	female
diagnosis	breast carcinoma
therapy after care	ALHYDRAN during and after the radiation period

## 2. Evolution of the skin



At the end of radiation



2 months after treatment

## 3. Conclusions medical team

- ALHYDRAN is a good alternative for cetomacrogol
- Patients are almost always positive about its use
- ALHYDRAN is better than an Aloe Vera gel only, due to hydrating properties of ALHYDRAN. If only a gel is used, the radiated skin will become too dry and flaky
- ALHYDRAN is used with grade I and II radiation dermatitis

## 4. Patient experience

- ALHYDRAN is better than an indifferent cream (cetomacrogol), because ALHYDRAN eliminates the pain of radiation skin burn
- Reduces itching
- ALHYDRAN was easy to apply and has a neutral odour

Case study: N.S. Russell, radiotherapist, Netherlands Cancer Institute (NKI), Antoni van Leeuwenhoek Hospital, Amsterdam, The Netherlands

# Case ALHYDRAN: Erosive skin

## 1. Case study description

patient age	70 years
gender	male
diagnosis	actinic keratosis (skin cancer)
treatment	3 weeks twice daily application of 5-Fluorouracil
therapy after care	after 3 weeks start ALHYDRAN

## 2. Evolution of the skin



3 weeks after application of 5-Fluorouracil (start of ALHYDRAN)



3 weeks after start of treatment with ALHYDRAN

## 3. Conclusions medical team

- ALHYDRAN is easy to apply to mildly erosive skin
- ALHYDRAN is a pleasant alternative to fusidic acid cream
- ALHYDRAN does not entail a risk of bacterial resistance, unlike fusidic acid cream
- ALHYDRAN keeps the skin slightly oily and hydrated
- ALHYDRAN also promotes wound healing

## 4. Patient experience

- ALHYDRAN is easy to apply
- Nice to use, does not sting
- Noticeable result in just a couple of days
- ALHYDRAN also works well on grazes

Case study: Dr. Njoo, dermatologist, Hospital Group Twente, Hengelo (Ov.), The Netherlands

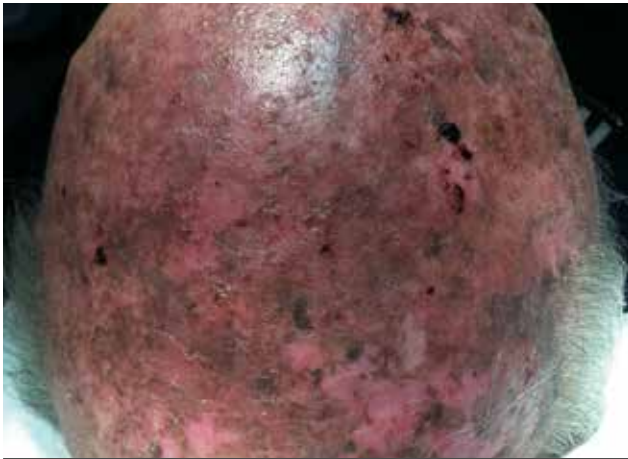
# Case ALHYDRAN:

## Multiple actinic keratosis

### 1. Case study description

patient age	81 years
gender	male
diagnosis	actinic keratosis of the scalp
treatment	a single session of 5-ala PDT
therapy after care	ALHYDRAN twice daily

### 2. Evolution of the skin



Start of ALHYDRAN as a single treatment, applied twice a day



Day 7 after starting ALHYDRAN

### 3. Conclusions medical team

- Day 1 after PDT, patient was seen during an emergency consultation with serious reactions: inflamed erythema, erosions, crusting
- Good and quick clinical improvement (within a week)

### 4. Patient experience

- Complaints of pain disappeared within 48 hours
- ALHYDRAN had a cooling effect

Case study: Dr. R. Ceulen, Dermatologist, Albert Schweizer Hospital, Dordrecht, The Netherlands



# Case ALHYDRAN: Scald (hot water from exploding radiator)

## 1. Case study description

patient age	52 years
gender	male
cause	scald (hand, face, chest)
treatment	ALHYDRAN 2 b.i.d. healthy patient, no skin problems hydrochlorothiazide treating hypertension

## 2. Evolution of the skin



Day 1 after scald (3-10-2011) Blisters punctured/ commencing with ALHYDRAN as single therapy/ 2 b.i.d.



Day 7 following treatment ALHYDRAN (10-10-2011)



Day 14 following treatment ALHYDRAN (17-11-2011)

## 3. Conclusions medical team

- Positively surprised at fast results & healing process
- Patient indicated absence of pain and itching
- Uneventful healing process within 4 weeks

## 4. Patient experience

- No pain or itching
- Rapid healing, can resume activities
- Easy application ALHYDRAN, no fragrance

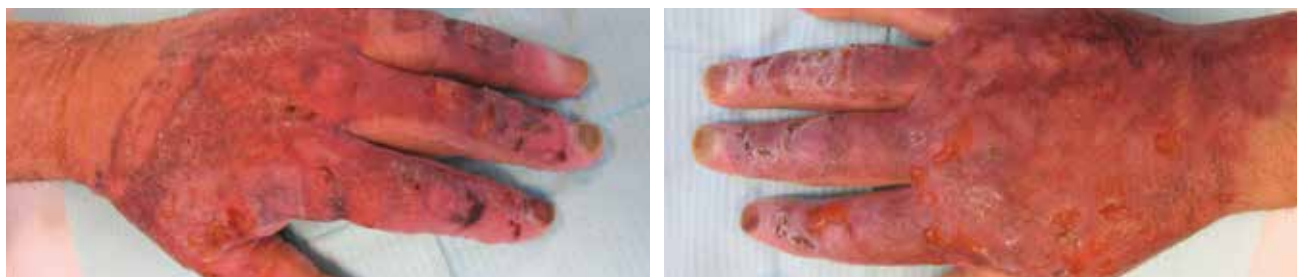
Case study: Drs. R. Ceulen, Dermatologist, Albert Schweitzer Hospital, Dordrecht, The Netherlands

# Case ALHYDRAN: Burn caused by chemical explosion

## 1. Case study description

patient age	58 years
gender	male
cause	burn scar after explosion
treatment to wound closure	Flamazine and daily dressing change
therapy after care	ALHYDRAN, pressure gloves, scar therapy by skin therapist , endermotherapy

## 2. Evolution of the skin



Start ALHYDRAN



After 3 months of ALHYDRAN therapy



After 6 months of ALHYDRAN therapy

## 3. Conclusions medical team

- Fast healing
- Improved restoration skin hydration
- Visibly improved supple skin
- Reduction squamae, ie. skin particles

## 4. Patient experience

- Skin has stopped itching
- Improved flexibility of the skin
- Reduced contractions
- Easy to apply

Case study: Ms J.M. de Graaf and Ms C.T.M. Rijkenberg, Practice Skin Therapists, Oosterbeek, The Netherlands

# Case Suprathel and ALHYDRAN: Donor site

## 1. Case study description

patient age	13 years
gender	female
cause	donor site
treatment to wound closure	Suprathel 14 days
therapy after care	ALHYDRAN, immediately after wound closure pressure garments and hydration with ALHYDRAN (2 to 3 times a day)

## 2. Evolution of the wound



## 3. Conclusions medical team

- Full wound closure within 14 days
- Evolution to complete maturation within 1 year, with excellent results regarding to color (slight hypo pigmentation) and elasticity of the donor site
- Significantly less redness and itching during maturation

## 4. Patient experience (and parents)

- No significant pain during wound healing
- No significant itching during the treatment, before nor after wound closure
- Good flexibility and feel of the skin on the donor site

Case study: Prof. S. Monstrey and H. Hoeksema. University Hospital of Ghent – department of Plastic and Reconstructive Surgery and Burns Centre, Belgium

# Case ALHYDRAN: Actinic keratosis

## 1. Case study description

patient age	72 years
gender	male
diagnosis	actinic keratosis after cryotherapy
treatment	patient had 2 actinic keratosis on the scalp both lesions were treated with 2 cycles of liquid nitrogen spray treatment
therapy after care	ALHYDRAN cream twice daily for 14 days

## 2. Evolution of the wound



## 3. Conclusions medical team

- The treated skin areas closed after 14 days, leaving no scar formation or hypopigmentation
- ALHYDRAN is easy to use and has no local side effects
- ALHYDRAN can be used as an alternative for fusidinic acid cream
- In contrast to fusidinic acid, ALHYDRAN does not cause bacterial resistance
- ALHYDRAN cream proved to heal wounds rapidly

## 4. Patient experience

- Easy in use
- No skin irritation or other side effects
- Fast clinical results, within a few days

Case study: Dr. Njoo, dermatologist, Hospital Group Twente, Hengelo (Ov.), The Netherlands

# Case ALHYDRAN:

## Atopic eczema

### 1. Case study description

patient age	22 years
gender	female
diagnosis	atopic eczema patient had suffered from atopic eczema since childhood, the patient was reluctant to use local corticosteroids as she feared atrophy of the skin. The eczema is quite persistent and recurring, especially inside the elbows
treatment	ALHYDRAN cream twice daily, monotherapy inside the elbows

### 2. Evolution of the skin



### 3. Conclusions medical team

- The eczema cleared within 2 weeks
- Monotherapy with ALHYDRAN cream proven to be effective in mild eczema cases
- ALHYDRAN delivered results comparable with a local corticosteroid
- ALHYDRAN had no side effects, in particular no skin atrophy

### 4. Patient experience

- Easy to apply and quickly absorbed
- No skin irritation or other side effects
- More confidence in the product, as there are no side effects such as atrophy

Case study: Dr. Njoo, dermatologist, Hospital Group Twente, Hengelo (Ov.), The Netherlands

# CASE ALHYDRAN and BAPSCARCARE S: Surgical Intervention

## 1. Case study description

patient age	63 years
gender	female
cause	resection of abscess on palmar side of the wrist
therapy after care	start 12 days after surgical intervention during the day; ALHYDRAN 3 times a day, a very thin layer during the night; BAPSCARCARE S

## 2. Evolution of the wound



## 3. Conclusions medical team

- Removal of sutures after 12 days and immediately start of treatment
- The combination of a thin silicone sheet during the night and ALHYDRAN during the day resulted in complete scar maturation within 9 months

Case study: Hoeksema, H. Department of Plastic and Reconstructive Surgery, University Hospital of Ghent, Belgium