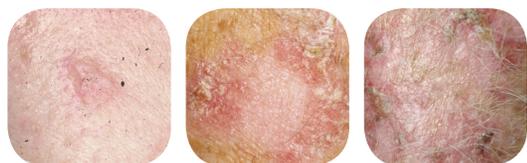


ABOUT ACTINIC KERATOSES

What Are Actinic Keratoses?

Actinic keratoses (AKs) are rough-textured, dry, scaly patches on the skin that are caused by too much exposure to ultraviolet light (UV) such as sunlight. AKs are often called “sun spots”

- AKs can appear anywhere on the body exposed to UV light, but are most commonly found on the face, ears and scalp
- There may be a single AK or multiple AKs
- They can be as small as a pinhead or larger than a quarter
- They can range in color from skin toned to reddish brown



Photographs supplied courtesy of The Skin Cancer Foundation

Who Gets AKs?

AKs develop as the result of years of sun exposure. It is estimated that 60% of Canadians 40+ have at least 1 AK lesion². Because AKs take a long time to develop, they generally appear after the age of 40.

What are some of the risk factors?

- A history of cumulative sun exposure
- Fair skin
- Blonde or red hair, in particular if combined with blue, hazel or green eyes
- A tendency to freckle or burn after being out in the sun
- A weakened immune system

ALWAYS READ THE PRODUCT INFORMATION AND FOLLOW YOUR DOCTOR'S INSTRUCTIONS

Patients should avoid exposing treated skin to sunlight or bright light for at least 40 hours after the application of Levulan® Kerastick® Topical Solution. Exposure may result in a stinging and/or burning sensation and may cause redness or swelling of the lesions. Sunscreens will not protect against photosensitivity reactions caused by visible light.

The most common side effects include:

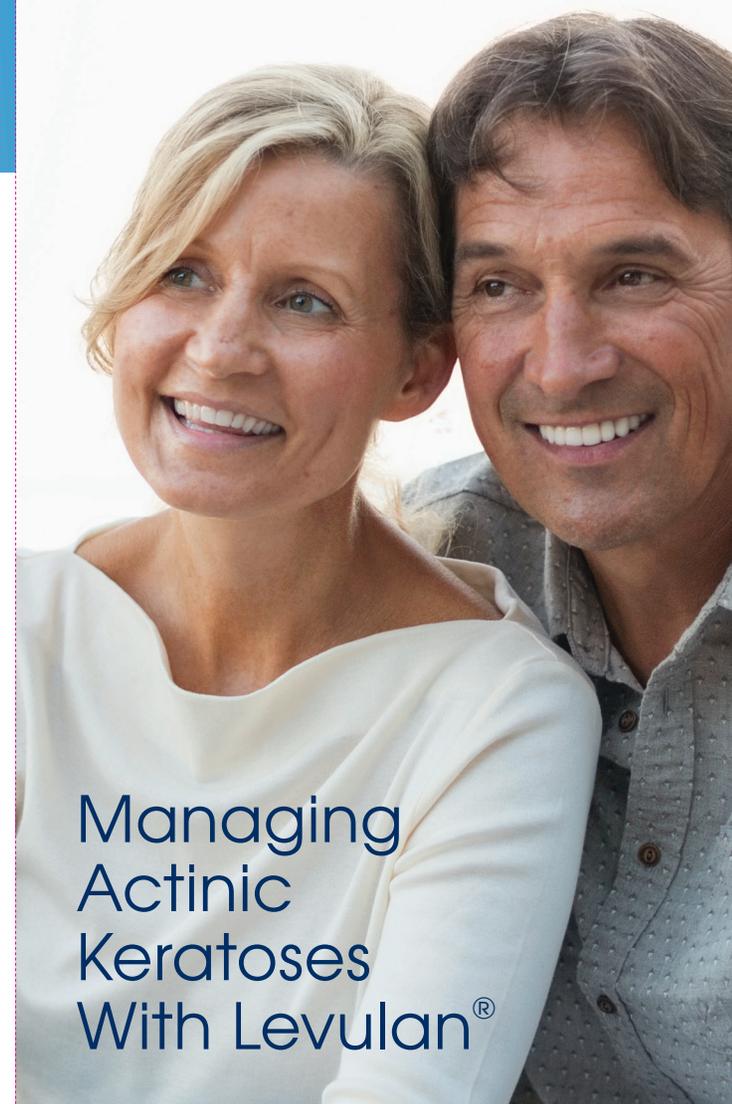
- scaling/ crusting, skin discoloration, itching, stinging and/or burning, redness and swelling
- severe stinging and/or burning at one or more lesions being treated was reported by at least 50% of patients at some time during the treatment³

For more consumer information about Levulan® and to view an educational video, visit

www.Levulan.com

1. <http://www.skincancer.org/skin-cancer-information/actinic-keratosis> accessed Feb 13, 2017
2. <http://www.canadianskincancer-foundation.com/actinic-keratosis.html> accessed Jan 18, 2017
3. Levulan® Product Monograph.

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Managing
Actinic
Keratoses
With Levulan®

LEVULAN® BLUE LIGHT
KERASTICK® + THERAPY

The Levulan® Kerastick® for Topical Solution plus blue light illumination is used to treat minimally to moderately thick actinic keratoses on the face or scalp.

TREATING AKS



AKs Are The Most Common Precancer¹

AKs are precancerous skin changes caused by chronic sun exposure. If untreated, AKs may develop into skin cancer. **Frequent skin examinations are the key to early detection and prevention**

Effectively Treat AKs With Levulan[®]

The Levulan[®] Kerastick[®] for Topical Solution plus blue light illumination Photodynamic Therapy (PDT) is a two-step (drug + blue light) treatment administered over 24 hours in a physician's office.

- Low downtime
- Administered by a qualified health care professional in office
- No daily medication to remember
- Appropriate for either a few or multiple minimally to moderate thick AKs on face or scalp
- No scarring reported in clinical trials

LEVULAN[®] 2-STEP TREATMENT PROCESS

The Levulan[®] Kerastick[®] for Topical Solution plus blue light illumination Photodynamic Therapy (PDT)

STEP 1: Application of Levulan[®] Kerastick[®] Topical Solution

Levulan[®] Kerastick[®] will be evenly applied to your AK lesions.

- Your provider will direct you to wait the recommended time, per the label, in order to allow the solution to penetrate the targeted cells.
- Avoid exposing the treated lesions to sunlight or bright light for at least 40 hours after application of Levulan[®] Kerastick[®] Topical Solution. Examples include household lights at close range or engaging in outdoor sports or recreation
- Sunscreens will not protect against photosensitive reactions caused by visible light during this time



STEP 2: Blue Light Treatment

Before your blue light treatment, the AKs to be treated should be gently rinsed and patted dry.

- Your blue light treatment will take approximately 17 minutes
- Protective eyewear should be worn during the treatment



PREPARING FOR TREATMENT

Before Treatment

- Be sure to tell your physician if you are taking any oral medications or using any topical prescription or non-prescription products on your face or scalp
- Bring adequate sun-protective items with you to your appointment such as a wide-brimmed hat or umbrella

During Blue Light Treatment

The blue light is of low intensity and will not heat the skin. However, during the light treatment you may experience sensations of burning, tingling, stinging, or prickling of the treated AK.

- The sensation of stinging and/or burning appears to level off at 6 minutes into the treatment
- Feelings of discomfort should improve at the end of treatment and lessen as early as 1 minute after treatment, but may take up to 24 hours

After Treatment

Following treatment, the AKs, and to some degree the surrounding skin, may redden. Swelling and scaling may also occur. However, these effects are temporary and should completely resolve by 4 weeks after treatment

- Avoid exposure of treatment sites to sunlight or bright light for at least 40 hours after the application of Levulan[®] Kerastick[®] Topical Solution.
- Sunscreens will not protect against photosensitivity reactions caused by visible light
- Moisturizers may be applied as needed