



Topical Steroids, Topical Retinoids, and Topical Anesthetics

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Prescription Topical Retinoids

- Tretinoin
- Adapalene
- Tazarotene
- Alitretinoin
- Bexarotene
- Trifarotene

Prescription Topical Retinoid - Tazarotene

- Acne
- Psoriasis (<20% of body surface area)

- Some have used for:
 - Photoaging
 - To prevent steroid atrophy
 - CTCL

Prescription Topical Retinoid - Bexarotene

- Bexarotene
- CTCL

- Some have also used for:
 - Hand dermatitis
 - Lymphomatoid papulosis
 - Alopecia Areata
 - Psoriasis

Prescription Topical Retinoid- Alitretinoin

- Alitretinoin
- AIDS related Kaposi's Sarcoma

- Some have used for
- Kaposi's Sarcoma
- Photoaging

Prescription Topical Retinoid - Adapalene

- Adapalene Uses
- Acne

- Some have also used for
- Photoaging

Prescription Topical Retinoid - Tretinoin

- Tretinoin Uses

- Acne
- Photoaging
- Hyperpigmentation

- Some also use for:
 - Actinic keratosis
 - Hyperkeratotic disorders
 - Striae
 - Wound healing

Prescription Topical Retinoid - Trifarotene

- Trifarotene
- For acne - is new product

New retinoid – trifarotene

- Trifarotene .0005% cream
- Agonist of the Retinoic Acid Receptor (RAR)
- Trifarotene 50 µg/g cream is for the treatment of moderate acne on the **face and trunk**.
- Approved from age 9 years and up
- Tan J, Thiboutot D, Popp G, Gooderham M, Lynde C, Del Rosso J, Weiss J, Blume-Peytavi U, Weglovska J, Johnson S, Parish L, Witkowska D, Sanchez Colon N, Alió Saenz A, Ahmad F, Graeber M, Stein Gold L. Randomized phase 3 evaluation of trifarotene 50 µg/g cream treatment of moderate facial and truncal acne. *J Am Acad Dermatol*. 2019 Jun;80(6):1691-1699.

New retinoid – trifarotene

- Trifarotene .0005% cream
- The onset of effect was **rapid versus vehicle**:
 - inflammatory and noninflammatory lesion counts decreased as early as **1 week after treatment on the face**
 - as early as **2 weeks** after treatment on the **trunk**
- Side effect profile was mostly mild to moderate when applied not only to the face but the trunk which is a large surface area.
 - skin dryness, erythema, scaling, stinging, and burning
- Tan J, Thiboutot D, Popp G, Gooderham M, Lynde C, Del Rosso J, Weiss J, Blume-Peytavi U, Weglovská J, Johnson S, Parish L, Witkowska D, Sanchez Colon N, Alió Saenz A, Ahmad F, Graeber M, Stein Gold L. Randomized phase 3 evaluation of trifarotene 50 µg/g cream treatment of moderate facial and truncal acne. *J Am Acad Dermatol.* 2019 Jun;80(6):1691-1699.

Trifarotene treatment responses

