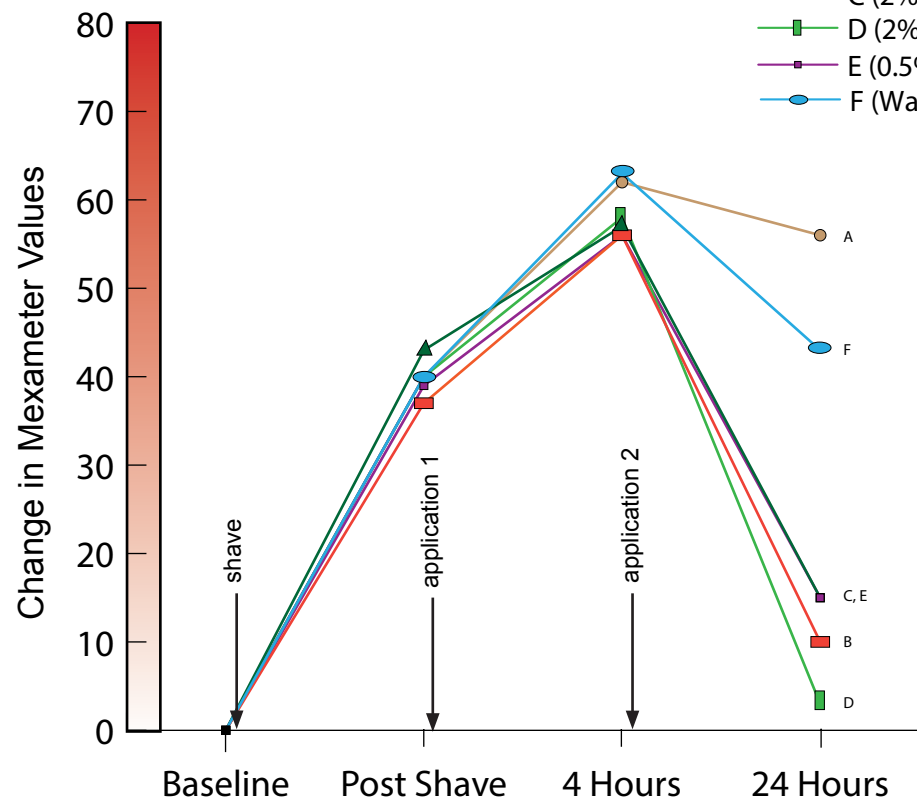




Floraesters 20, 30, and 60 in a Lotion Decreases Erythema (Redness) at 24 Hours After Dry Shaving

Change in Erythema

- A (Vehicle)
- B (2% FE20)
- ▲— C (2% FE30)
- D (2% FE60)
- E (0.5% bisabolol)
- F (Water)



A lotion containing 2% Floraesters 20, 2% Floraesters 30, or 2% Floraesters 60 decreased erythema (redness) better than the vehicle lotion at 24 hours.



Baseline (pre-shave) Mexameter measurements were taken on normal forearms. The forearms were then dry shaved followed by 30 minute post-shave Mexameter measurements. The test articles were then applied to each test site (2.5mg/cm²). Measurements were repeated 4 and 24 hours post test article application. An additional test article application was made following the 4 hour measurements.

Peak erythema measurements were obtained at 4 hours. The graph to the left shows the increase in erythema associated with dry shaving, and the decrease in erythema after 2 test article treatments. Floraesters 20, 30, 60, and bisabolol¹ produced statistically significant (p<0.01) decreases in erythema over the vehicle and water from 4 to 24 hours.

Vehicle (%wt./wt.): water (q.s.), Glyceryl Stearate (and) PEG-100 Stearate (4.00%), Cetyl Alcohol (3.00%), Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Butylparaben (and) Propylparaben (0.80%), Xanthan Gum (0.20%), and Disodium EDTA (0.03%)

**Floratech Ingredients:
Floraesters 20, Floraesters 30, and Floraesters 60**

The clinical study of Floratech® test formulation (CTL_11-036) was conducted on a panel of 15 healthy men and women ranging from 18 to 55 years of age with normal volar forearms. The data presented above was taken over 2 days with 2 applications of the test article and the Mexameter measurements were taken under controlled temperature and humidity conditions. This study was double-blind and randomized. Change in erythema was calculated by subtracting baseline values. Alpha-Bisabolol Natural was supplied by BASF Corporation and a recommended loading percentage was utilized. Mexameter MX 18 is a product of Courage+Khazaka. (Clinical Study 11-036 report available upon request.) The reference image seen above is for illustration only and was not taken during the actual study.

1. STANZYL K, VOLHARDT J. "THE CASE OF ALPHA-BISABOLOL." HANDBOOK OF COSMETIC SCIENCE AND TECHNOLOGY. ED. AO BAREL, M PAYNE, AND HI MAIBACH. NEW YORK, NY: MARCEL DEKKER, 2001. 277-84. PRINT.