

A DIGITAL SURVEY TO EVALUATE THE SELF-PERCEIVED BENEFIT OF A SELENIUM DISULFIDE-1% SALICYLIC ACID SHAMPOO IN DERMATOLOGISTS WITH MILD TO-MODERATE SCALP SEBORRHEIC DERMATITIS

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INTRODUCTION

Seborrheic dermatitis (SD) is a chronic, relapsing inflammatory skin disorder affecting areas of the head and trunk where sebaceous glands are the most prominent and that evolves with flares and remission.

On the scalp, SD (SSD) is characterized by episodes of erythematous, scaly lesions. It varies from mild to dense, diffuse, adherent flakes and pruritus. When mild scaling without visible inflammation is observed, SSD is also named dandruff.¹ Topical products remain the mainstay of scalp seborrheic dermatitis SSD care. Selenium disulfide (SeS₂) is effective in managing both dandruff and SSD. It reduces scales, itching, irritation and redness of the scalp. It has shown a full spectrum antimicrobial action against Malassezia yeasts and bacterial species.^{2,3} To improve the adherence to use and thus to increase therapeutic benefit, a good user perception of treatment is important. Advocating the treatment benefit, based on a self-perceived use by health-care givers may thus be very helpful to convince users.

OBJECTIVE

To assess the perceived benefit of SeS₂ shampoo in dermatologists with SSD.

MATERIAL AND METHODS

- 100 dermatologists with mild-to-moderate SSD applied SeS₂ shampoo 3 times/week for 4 weeks and assessed flakes, scalp redness, itch, local tolerance and scalp and hair greasiness at baseline, week 2 and 4.
- Product qualities and overall satisfaction were assessed at week 4.

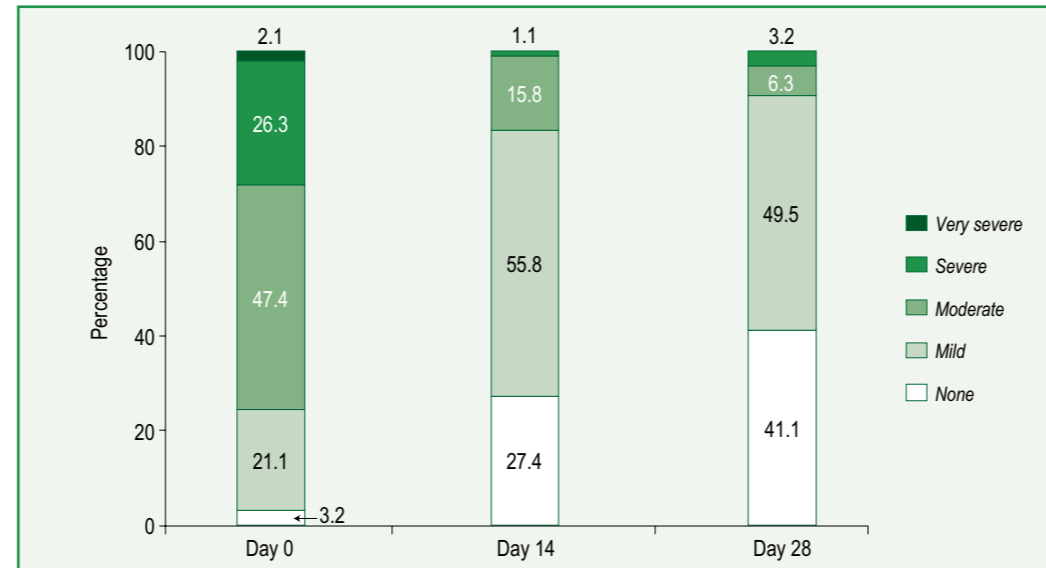
RESULTS

- 75.0% of users were women; mean age was 39.9±7.7 years
- 28.4% of users had severe or very severe flakes
- After 4 weeks
 - the average flake score had decreased from 5.2 to 2.0, skin redness from 4.3 to 1.8, pruritus from 5.3 to 1.8 and scalp and hair greasiness from 6.4 to 2.5 points
 - 88.5% of users were pleased with the product application
 - 86.3% of users had improved symptoms
 - 80.0% an improved hair quality
 - 87.4% and 86.3% of users considered the shampoo suitable as stand-alone or as adjuvant care to medication, respectively
 - 88.6% of users considered the shampoo as highly attractive
 - 90.5% of users were willing to recommend the product.

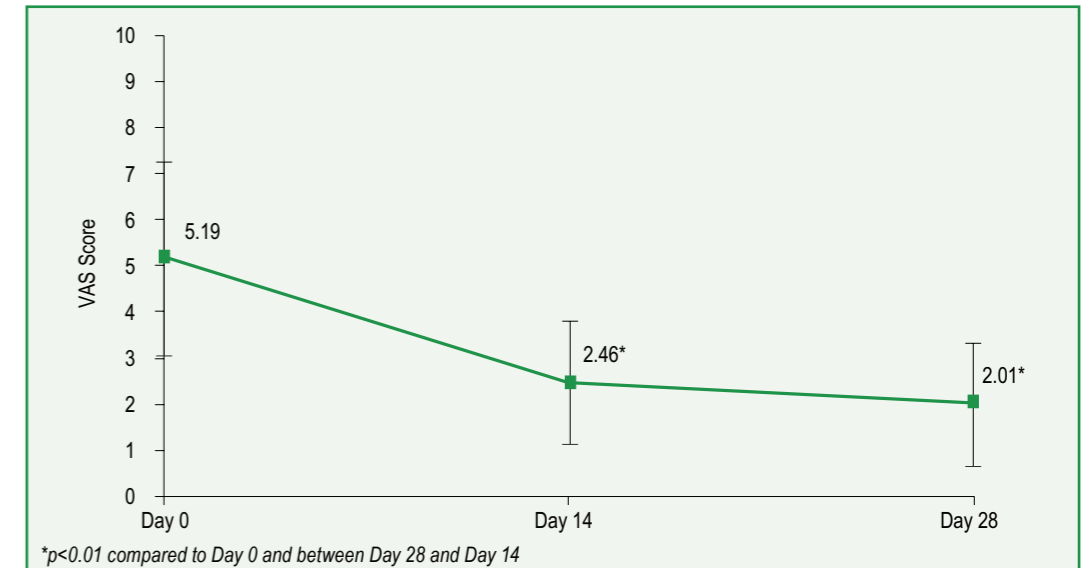
CONCLUSION

According to the dermatologists who used the product themselves, the SeS₂-1% salicylic acid shampoo used 3 times per week efficiently reduces symptoms of SSD after 4 weeks with a high user satisfaction, a good tolerance and a high willingness to recommend it.

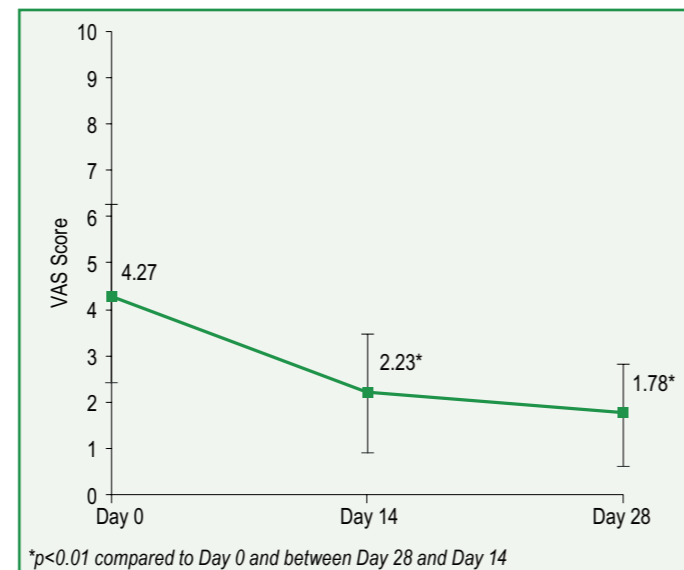
DISTRIBUTION OF SSD SEVERITY SCORES



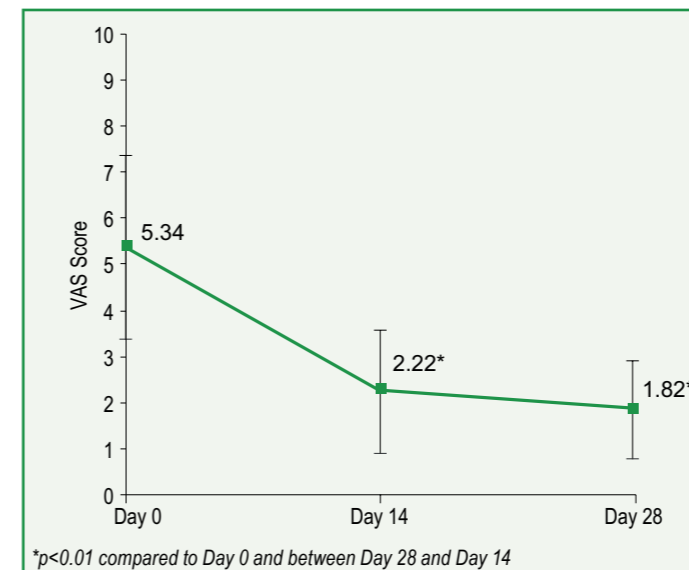
MEAN FLAKE SEVERITY



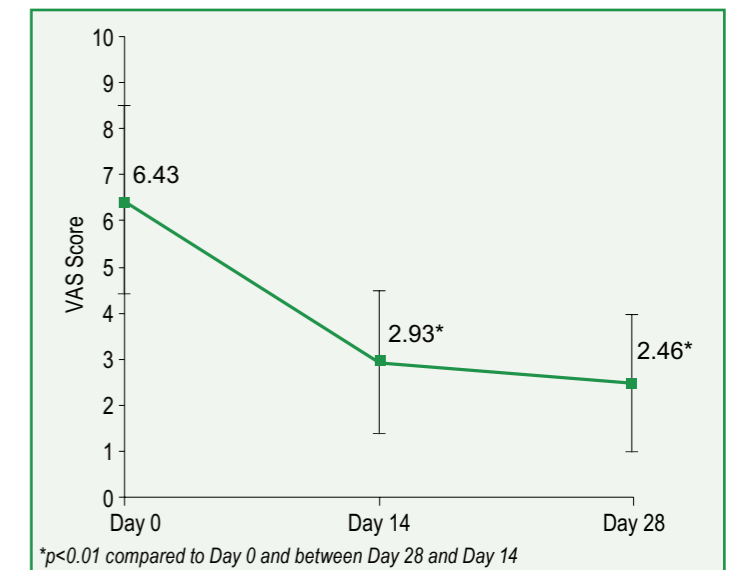
MEAN ERYTHEMA SEVERITY SCORE



MEAN PRURITUS SEVERITY SCORE



MEAN SCALP AND HAIR GREASINESS SEVERITY SCORE



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