

# Skin & Allergy News

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## WHAT'S NEWS

New study suggests psoriasis leaves a molecular scar even in clinically resolved lesions. 2



Investigational cryoprobe device freezes forehead wrinkles immediately after treatment. 10

Topical corticosteroids significantly increase risk for fetal growth retardation, large study finds. 12

Cosmeceutical Critique: Lignin peroxidase, derived from a fungus, is being developed as an ingredient in products to treat pigmentation disorders. 16



Vismodegib, a novel hedgehog pathway inhibitor, significantly and rapidly reduces the development of new BCCs. 25

MRSA hides. Think beyond the nose, and consider throat, perineum, armpits, and under pendulous breasts. 28

## CASE OF THE MONTH



A full-term male infant born to a 25-year-old herpes simplex

### Shampoo for Seborrheic/Hyperseborrheic Scalp

Shampooing Traitant Sébo-Rééquilibrant washes, purifies, and cleanses the scalp and hair, while reducing sebum levels and preventing dryness. The shampoo is available in 250-mL (\$20 professional price) and 500-mL (\$27 professional price) sizes. The product can be used with the Bain de Plantes hair mask, which also regulates sebum levels. Bain de Plantes reestablishes optimal moisture levels in the scalp. Key ingredients include nasturtium extract, wild pansy extract, green clay, and essential oils of rosemary and thyme. The mask is available in 100-mL (professional price \$24) and 200-mL (professional price \$30) tubes.

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## Microwave Device Cuts Axillary Hyperhidrosis

BY MIRIAM E. TUCKER

FROM THE ANNUAL MEETING OF THE AMERICAN SOCIETY FOR LASER MEDICINE AND SURGERY

GRAPEVINE, TEX. – A novel microwave device significantly reduced underarm sweating in two studies involving a total of 151 patients with axillary hyperhidrosis.

The condition affects millions of people, yet current treatments are limited by either duration of effect or efficacy. The microwave device has the potential for a longer-term and possibly even permanent effect via eradication of eccrine sweat glands, Dr. Suzanne L. Kilmer and Dr. Mark Lupin reported in separate presentations at the meeting.

Miramar Labs' miraDry system focus-

es microwave energy to selectively heat the interface between the skin and underlying fat, where the sweat glands reside. The system comprises a console, handpiece, and disposable tip. The in-office procedure takes approximately 40 minutes. The system was cleared for licensure in the United States by the Food and Drug Administration in January 2011, and will be marketed later this year, according to a company spokesperson.

Dr. Kilmer, of the Laser and Skin Surgery Center of Northern California, Sacramento, presented data on a second-generation version of the device that was FDA approved but never marketed. In a multicenter, sham-controlled study, 120 adults with hyperhidrosis were randomized to miraDry (81) or sham treatment (39) for one to three sessions.

The device has the potential for a permanent effect via eradication of eccrine sweat glands.

The patients had to have a Hyperhidrosis Disease Severity Scale (HDSS) score of 3 or 4 ("my underarm sweating is barely tolerable and frequently/always interferes with my daily activities") at baseline, and gravimetric readings greater than 50 mg at each axilla (in 5 minutes).

Follow-up was 6 months for the sham group and 12 months for the treatment group. Responders were defined as subjects reporting a reduction to an HDSS score of 1 ("My underarm sweating is never noticeable and never interferes with daily activities") or 2 ("My underarm sweating is tolerable but sometimes interferes with daily activities"). The patients had a mean age of 33 years, 58% were female, and 84% were white.

Efficacy for the treatment group was  
See Hyperhidrosis page 6

## High-Dose Red Light PDT May Offer 'Cure' For Severe Acne

BY BRUCE JANCIN

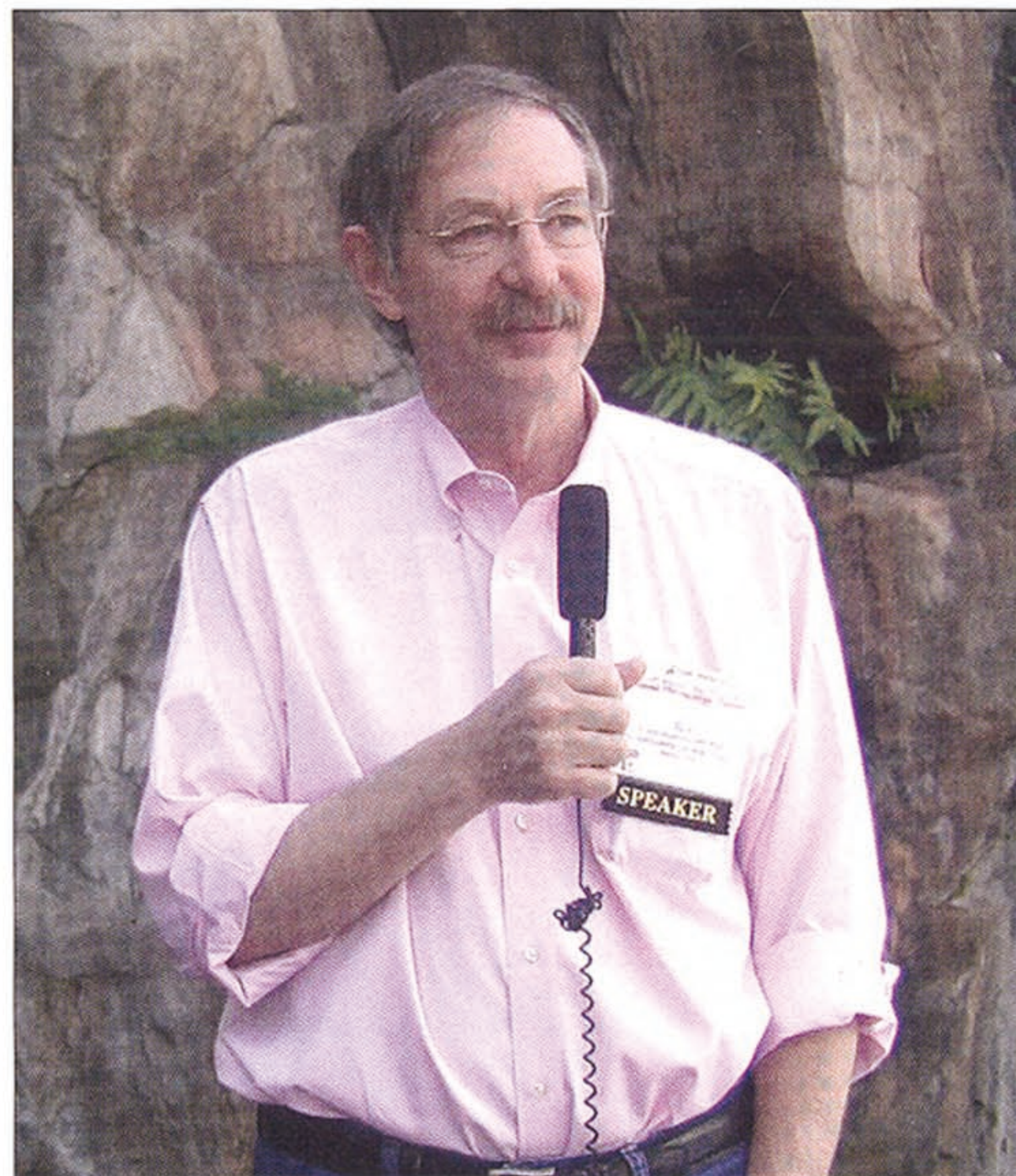
FROM THE SDEF HAWAII DERMATOLOGY SEMINAR

WAILA, HAWAII – Aggressively dosed red light photodynamic therapy effectively destroys sebaceous glands, resulting in prolonged inhibition of sebum output and a lasting cure of moderate to severe acne, according to Dr. R. Rox Anderson.

"I don't use the word 'cure' lightly. I think there really are patients you can cure with high-dose aggressive photodynamic therapy. In my experience, it's more effective than oral retinoids. It's something you want to reserve for severe acne, though," said Dr. Anderson, dermatology at Harvard Medical School and director of the Wellman Center for Photomedicine at Massachusetts General Hospital.

PDT needs to be employed selectively in office-based procedure. These include marked pain, inflammation, and edema, crusting, sterile pustules, and light that keeps patients indoors for

See Acne page 6



"I don't use the word 'cure' lightly. I think there really are patients you can cure" with high-dose therapy, said Dr. R. Rox Anderson.

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