

Medesthetics

Business Education for Medical Practitioners

May/June 2007 \$5.00

www.medestheticsmagazine.com

New Look at
Fat Transfer

Update on
**Hair Reduction
Devices**

Dr. Julio Gallo
Individualizes Age Management

Sunscreens Today—
Current Issues and
New Products

Sunscreens Today

Replenishing Sunblock SPF 36

From CosMedical Technologies starts with octinoxate and zinc oxide and adds moisturizing botanicals, beta carotene, vitamins A and D, and tamanu oil.

Prescribed Solutions Up the Anti

with titanium dioxide, zinc and iron oxide cream extends protection through the complete UV range into the visible light spectrum, making it effective enough even for patients having photodynamic therapy or those with light-induced rosacea or drug photoallergies. The line is available exclusively through dermatologists and plastic surgeons.

Blue Lizard Face

SPF 30+ combines zinc oxide with green tea, caffeine, vitamin E and hyaluronic acid for a lightweight daily protectant that blocks 90% of UVA rays. Free of oils and fragrance, it's safe for the most sensitive face.

Medicalia Sun Line Medi-Protect SPF 30

is hydrating and deeply moisturizing, provides high protection against UVB and UVA, and is specifically recommended for post-operative use.

Colorescience Sunforgettable with Sparkles

combines Sunforgettable brush-on SPF 30 with reflective pigments to add glamour to its blue-collar mixture of micronized titanium dioxide and zinc oxide.



or redness and may themselves be free radicals, which penetrate into the skin and damage it."

Manufacturers have reacted to this information by including antioxidants in sunscreen formulations, but we are awaiting long-term studies showing the efficacy of these topical antioxidants in neutralizing the ROS.

Update on Ingredients and Formulations

"Helioplex, a new photostabilized version of Parsol 1789,

created the biggest buzz at this year's AAD," reports Dr. Ciraldo. "And there was still quite a bit of talk about Mexoryl, a UVA absorber that gained FDA approval last year and is now generally available." Until L'Oréal introduced ecamsule (Mexoryl SX), there was no chemical that offered effective protection against short UVA rays (320 to 340 nm).

Clinical trials of Helioplex from Neutrogena, which contains avobenzone, oxybenzone, homosalate, octisalate, otocylene and

the photostabilizer diethylhexyl 2,6-naphthalate, have shown that it effectively absorbs sun rays across the spectrum from 290 nm to 400 nm and remains effective for a longer period than past chemical formulations.

In "UVA Skin Protection: Issues and New Developments" (*Cosmetics and Toiletries*, 122, 2: 57-62), G. Wakefield, J. Stott and A. Duggan noted two newly released organic materials that "claim broad-spectrum, photostable" UV protection: terephthalylidene dicamphor