profile, the physician should make sure both lips touch the "Steiner line," he said.

When seen in profile, the nasolabial angle should be about 84-105 degrees, he continued: "You want a good nasolabial angle."

To illustrate this, he showed a photograph in which one extended line connected the base of the nose to the tip of the nose. A second line from the base of the nose touched the "Glogau-Klein point" at the center edge of the upper lip. The angle is formed where the two lines intersect.

The G-K point describes the "ski slope" shape of the lip in profile as you move from the skin above the lip down onto the pink vermillion. There is always a little upturn, a point of reflection, which becomes lost as one ages, Richard G. Glogau, M.D., told Skin & Allergy News.

The cosmetic implication is that you have to recreate this shape with fillers used in the border of the lip to make the lip young and attractive. Also, if you use too much Botox on the upper lip, the orbicularis muscle flattens and makes an older looking lip. Therefore, it is generally a good idea to combine fillers with the Botox if you are trying to reestablish a youthful looking upper lip, said Dr. Glogau, who is a consultant to Allergan Inc., Medicis, and Inamed Aesthetics.

Dr. Klein cited a study of 100 women

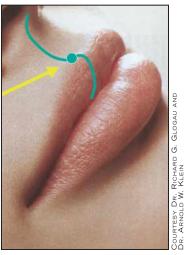
which showed that aging lips lose height (Dermatology 2004;208:307-13). He said the most important aspect of lip augmentation involves building buttresses to restore the lost height and the ends of the

"You want flying buttresses to hold up the lips because of the loss of dentition,' he said. "You want to restore the ends and build buttresses to support the lip. That's really important.

The choice of filling agent is less important than the physician's skill in using it, according to Dr. Klein, who disclosed ties as a consultant and/or investigator for Allergan Inc., Genzyme, Inamed Aesthetics, Anika Inc., Medicis, SkinMedica, and OrthoNeutrogena.

"It is not what you use. It is how you use it," he said, recommending physicians become really skilled in one or two products rather than plow through what he described as a delicatessen menu of filling agents on the market.

Except for correction of scars, Dr. Klein opposes the use of permanent fillers. He



The Glogau-Klein point shows dimensions of the aesthetic lip.

warned that these agents could become increasingly visible or create an unnatural appearance as facial contours change over time. "For aesthetic indications I believe permanent fillers are a formula for disaster," he said.

## Plasma Method **Irons Out Lines And Acne Scars**

LAKE BUENA VISTA, FLA. — Plasma skin resurfacing reduces acne scars and fine lines while minimizing downtime and adverse events, according to data presented at the annual meeting of the American Society for Laser Medicine and Surgery.

"Plasma skin regeneration provides an effective long-term facial rejuvenation for acne scarring and fine lines," said M. Potter, M.D., of RAFT Institute of Plastic Surgery in London.

The plasma device works by passing ultrahigh energy through nitrogen gas, generating plasma used to treat scars and lines with short pulses.

In this study, Dr. Potter treated a total of 11 patients (10 women)—3 for acne scars, 7 for fine lines, and 1 patient for both. The treatment was performed under anesthesia. Energy varied between 1 and 4 J.

All patients were assessed at 10 days and 3 and 6 months post treatment. "A precise measure of skin irregularity was recorded using silicon molds. ... Wrinkle depth was assessed using a light microscope technique to give an accurate measurement," Dr. Potter said.

In patients with fine lines, the mean pretreatment wrinkle depth was 0.25 mm. At 10 days, there was a mean improvement in wrinkle depth of 39%. At 6 months, mean improvement was 24%. "Acne is always difficult to treat, but these patients had an improvement of 35% at 10 days and 23% at 6 months," Dr. Potter said.

-Kerri Wachter

conjunctivitis, comeal epithelial abnormality, cortical cataract, decreased night vision, diplopa, itchy eyes or eyeless, nuclear cotained, pressure, papellederna, prilopsychola, posterior subcaposite coloract, recurrent side seyless, continue the up and undergroup or pribation propriets. Propriets of the control of ha fertility study in rats, the fertility of treated animals was not impaired at the highest dosage of activetin tested, 3 mg/kg/day (approximately on-all-all the maximum recommended therapeutic dose based on a mg/m²comparison). Chronic toxicity studies in dogs revealed testicular changes (reversible mild to moderate spematogenic arrest and appearance of multinucleated glant cells) in the highest dosage group (50 then 30
mg/kg/day). No decreases in sperm count or concentration and no changes in sperm motifility or morphology
were noted in 31 men (17 psoriatic patients, 8 patients with disorders of keratinization and 6 healthy volunteers)
given 30 to 50 mg/day of activetin for at least 12 weeks. In these studies, no deleterious effects were seen on
either testosterone production, LH or FSH in any of the 31 men, "No deleterious effects were seen on the hypothalamic-pituitary axis in any of the 18 men where it was measured." Pregnancy: Terapancy Category X (see boxed CONTRAINDICATIONS AND WARNINGS). Nursing Mothers: Studies on
leaching rats have shown that etertilante is excreted in the milk. There is one prospective case report where
activetin is reported to be excreted in human milk. Therefore, nursing mothers should not receive Soriatane prior
to or during nursing because of the potential for serious adverse reactions in nursing infants. Prediatric Use:
Safety and effectiveness in pediatric patients have not been established. No clinical studies to save an error severe or more frequent in children, there is special concern in pediatric patients have been reported in the
drating other systemic retinoids, including etretinate, a metabolite of Soriatane. A causal relationship
between these effects and Soriatane has not been established with liet is not known that these occurrences are
more severe or more frequent in children, there is special concern in pediatric patients because of the implications for growth potential (see WRNINKSS: Phycrososis). Gertain Use: Cinical studies of Soriatane dia not
includ

healthy elderly subjects compared with young subjects, although the elimination half-life did not change. ADVERSE REACTIONS to During clinical inals with Soriatines. 5 19:259 (69%) of patients reported a total of 354-64 and 254-64 and 254-64



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