Treatment of Asian Skin with an Advanced Intense Pulsed Light Source Harue Suzuki, MD

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Interna Polaci (light IPI) sources have been improved to the priorit that they rival millicoord probed laters in the visible and mass internal Polacides. Compared with second generation IPI, and little Plan infinited spectrum, for treatment of many varieties and plannathey discostice. Compared with second generation IPI, and little Plan must broader spectral heads including infriend wavefungths abcorded by wate, and offer insided pulse control options. Askins identically the property of th (65) were toaked for congenital nevi, scars, or portexine stains. Efficacy was comparable with both IPIs, but was obtained with much lower flowers (1/3), fewer to atments (1/2) and fewer sides effects (1/2) using the second agmentation IPIs. Side effects recurred in 7% of patients after the first generation IPI. and if 8 with the second generation IPI. consisting of bilisteries, nfiammation and transient pigmentary changes. There was no scarring, in summary, there are strong advantages of second-

Equipments and Parameters The first IPL system: Vascullu", ESC-Lumenis; 550 nm or 570 nm filter handpieces; 31-35 f/cm/; 2.4 ms and 5 ms pulses with 30 ms

second IPL system: Ellipse-Flex^{III}, DDD; VL-2 or PR handpieces; 9-12 J/cm¹ or 7-9 J/cm¹; 2.5 ms and 2.5 ms pulses with 10 ms

The main difference between the first and the second PF system is that the second generation PL system has dual mode filtering. The single mode filtering rate of only aborter vorvelength; including threviole, where as the dual mode filtering also ultimates longer vorvelengths right as aborted maniply by outer, which unnecessarily heats the slin. Dual mode filtering enables most of the energy applied to the skin to work offsectively for humoglobbin or enabata treatment.

unameters shown above.

Signature with pigmentation problems were treated mainly by 550 nm filter handpiece with the Vasculius" and VL-2 handpiece with as Ellipas-Plas."

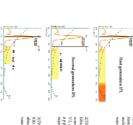
itents with vascular problems were mainly treated with 570 nm filter handpiece with the Vasculite[®] and PR handpiece with the

reatments were repeated every 3 weeks until the patients were satisfied or no further improvements attents were allowed to make ups next day of the treatments.

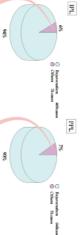
Similar ordpoint was obtained with 3.33 [cm] with the Vascaline" and 7.21 [cm] with the Ellipse-Ree." and with lose pain. For hundred once including 440 religements once were treaded with the Vascaline" from April 200 to June 200.5 It handred and the control of the Control of the Control of the Control of the Ellipse Ree." For 100 [cm] 200 to March 200.5 It has average made for each including 440 religements once were treaded with the Ellipse Ree." For the Ellipse Ree." The Ellipse Ree. The El Ellipse Flex for rejuveration using typical parameter never have caused any side effects.

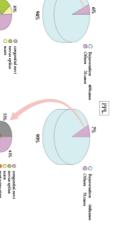
second generation IPL system, Ellipse Flex.", using the dual mode filtering, requires fewer treatments with lower fluence for juvenation on the face, compared with the first generation IPL. The second generation IPL rarely causes side effects, or

Difference between Single and Dual Mode Filtering



second generation [Ft_system has a dual mode by, which eliminates both shorter and longer ugths. The wavelength dalmered through the plicator is from \$55 to 950 am. This is the cator we use for most of the cases for



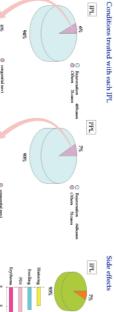


Side effects

N/C24001 is 450/c240

JPLI

Jenns 6Genes



Side effects

Shrelling PIH

aumber of



Rejuvenation cases with the second generation IPL system

Cases treated with 2000 to June 2002

Vasculite^{III} from May

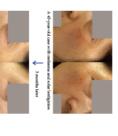
Cases treated with Ellips 2002 to March 2005

Flat pigmented lesion

Elevated pigmented lesion









kishama should be basically controlled by conservative methods, mainly of oral administration of tensorants raid. The birderploymention with Ellipses Fire could accelerate conservative restrent of melanars, auths as in their care, 2 Fire, spiper said to be birdered the feedment period, which also removed he color bridgines. ents with 9-9.5/cm² using VL-applicates

Facial erythema and wrinkles

Melasma and solar lentigines







Soven rejavouation treatments were performed during the 1 year. Year yallood Nd: YAG) 2 times (PL with WL-applicator 2 times Medicine re— rejavouation 3 times