

LASER Genesis is a non-contact laser treatment. Holding the handpiece approximately 2cm above patient's skin, Physician moves the handpiece back and forth over the target area. Genesis targets and treats multiple layers of the dermis while promoting hyperplasia of collagen, reducing pore size, improving skin texture and elasticity. Furthermore, Genesis heats and shrinks the micro-blood vessels of the papillary dermis which reduces and improves erythema.

## Epidermal Melasma

Genesis cannot completely cure the underlying cause of melasma, but can control the visible symptoms of it.

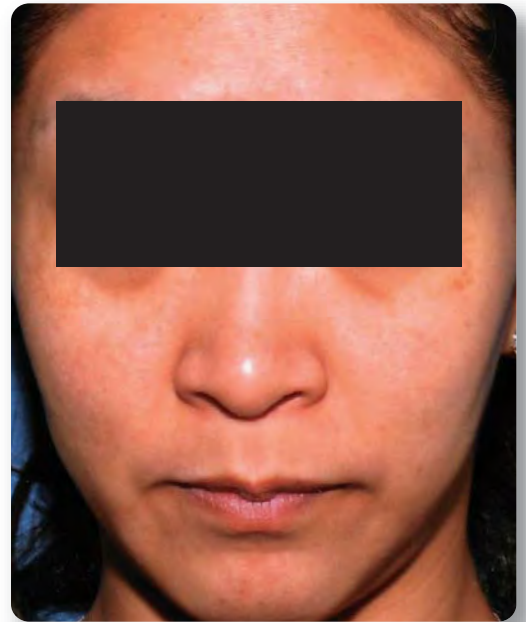
### 1 Asian female

Patient had long history of Melasma and Patient's Melasma was initially treated with 0.1% Tretinoin and 4% Hydroquinone, but therapy was stopped after patient had an allergic reaction. Patient then treated with Tranexamic Acid and Melasma symptoms initially improved, but Melasma rebounded after therapy suspended. Patient treated with Tranexamic Acid again. After 6 months of additional Tranexamic Acid therapy, Genesis added to treatment regimen. From March 2005, patient treated with Genesis twice a week interval between treatments. After second Genesis treatment, Tranexamic Acid suspended again, but Genesis treatment was continued and prevented Melasma from reoccurring.

**Genesis 13~15J/cm<sup>2</sup>  
0.3ms 10Hz 12,000shots**



Dec 2003 Pre

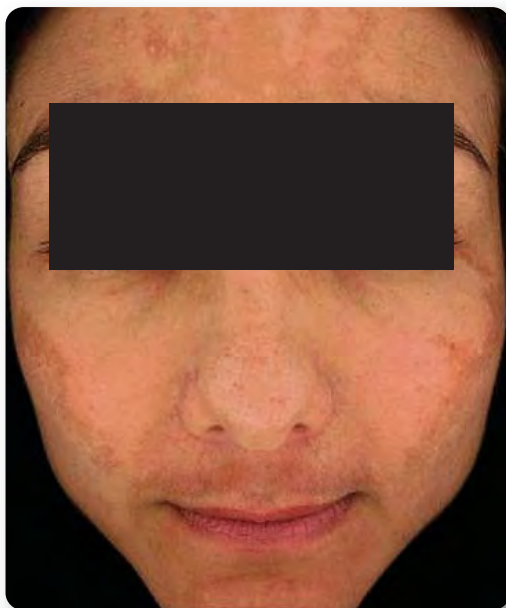


Apr 2005 Post 2 Tx 1month later

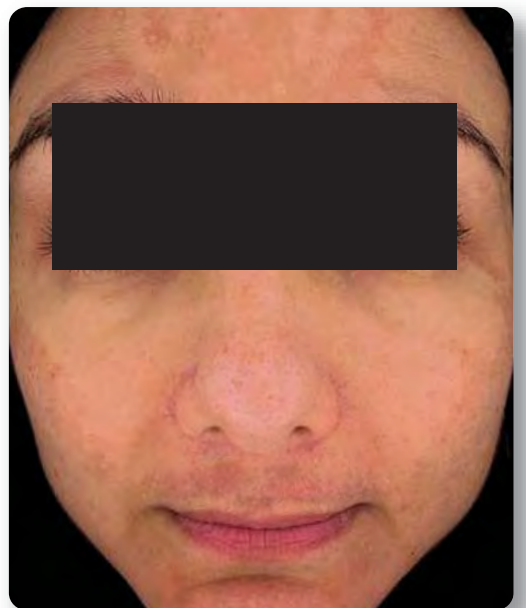
### 2 Asian female

Treated patient with combination of Genesis, Tretinoin 0.1% and Hydroquinone 4%. Over a three month period, Genesis treatment significantly improved pigmentation, reduced redness and inflammation associated with patient's Melasma. Using Genesis in combination with topical drugs controlled Melasma better than drug therapy alone.

**Genesis 13~15J/cm<sup>2</sup>  
0.3ms 10Hz 12,000shots**



Jun 2007 Pre



Jan 2008 Post 8 Tx

Photos courtesy of Takako Kubota, MD, Tokyo, Japan