

# 20<sup>TH</sup> WORLD DERMATOLOGY AND AESTHETIC CONGRESS

July 23-24, 2018 Kuala Lumpur, Malaysia

## Picosecond laser: A breakthrough in scar treatments

**Goh Ming Chun**

Clique Clinic, Malaysia

Permanent scar resulted from overwhelming acne or varicella-zoster infection is a challenging condition affecting many men and women in our Malaysian population, linking to poor self-esteem, embarrassment, depression and altered social interactions. Current treatments involve improving appearance of scars via topical preparations, chemical peel, micro-needling, laser resurfacing, subcutaneous incision and fillers. Many of these modalities are used alone or in combination and deemed to be safe with transient adverse reaction. The results vary for each individual as it depends on type of scars and the person's skin type and lifestyle. Recently, the use of a picosecond laser with a Micro Lens Array (MLA) was introduced in the treatment of scars. Picosecond ND:YAG laser allows powerful energies to bypass the epidermal layer to target the deeper structures, creating the so called LIOB (Laser Induced Optical Breakdown) which works like subcision of the scar tissues. This will then stimulate a healing response, causing skin rejuvenation, collagen generation and reconstruction of cell tissues. We explored the role of picosecond laser in management of scar tissues.

### Biography

Goh Ming Chun has obtained his Medical degree from University Putra Malaysia. He has then pursued his Aesthetic training in Medical Aesthetic Certification Program (MAC) and American Academy of Aesthetic Medicine (AAAM). He is highly experienced in conducting wide range of minor surgical procedures, wound care and scar management. Prior to joining Clique Clinic, he has worked at the Penang General Hospital in the Plastic and Reconstructive Surgery Department.

drgoh@cliqueaesthetic.com