Severe acneiform facial eruption: An updated prevention, pathogenesis and management

Acne scarring and papulopustular rosacea (PPR) are well documented cutaneous conditions associated with major psychosocial morbidity: social isolation, depression and suicidal ideation. The disease burden to the family and society is significant. A positive family history is a predictor. Emerging data revealed early retinoid use, positive lifestyle modifications may prevent scarring. Energy device like radiofrequency microneedling, fractional laser and superficial radiotherapy, intrallesional cryotherapy are recognized new attempts to treat atrophic scars and painful severe hypertrophic keloid scars in Asian dark skin types, respectively. The presentation will discuss these new strategies and examined its potential advantages and drawbacks. PPR are increasing in prevalence as seen in local skin clinics due to increasing non-judicious topical steroids use; propensity of topical cosmeceuticals in Asian markets and the use of epidermal growth factor receptor (EGFR) inhibitors in treating metastatic lung cancer. Recent investigations highlighted the importance of the Demodex mites, vascular epidermal growth factor (VEGF), dermal inflammation and impaired epidermal barrier dysfunction in its pathogenesis. New promising treatments are emerging. The dysmorphic acne excoriee and acneiform eruption associated with antipsychotics including recreational drugs abuse will also be discussed.

Biography
Chan Kam Tim Michael is a Dermatologist in Hong Kong. He received his Fellowship from Hong Kong Academy of Medicine (FHKAM) as a Registered Dermatologist since 1998. He received his Post-doctoral training from the University of California, Los Angeles (UCLA) in 1997. He is now the Vice President of the Association of Integrative Aesthetic Medicine (AIAM) in Hong Kong. He is the Editor of Hong Kong Journal of Dermatology and Venereology from 2002 to 2007. He was a Clinical Assistant Professor, Faculty of Medicine in the University of Hong Kong from July 2007 to June 2009.

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