

# World Dermatologist Summit and Skin Care Expo

October 30-31, 2017 | Toronto, Canada

## Facial manifestations of pachydermoperiostosis treated with botulinum toxin type-A (Report of 3 Cases)

**Xiang Wen**

West China Hospital of Sichuan University, China


**P**achydermoperiostosis (PDP) is an uncommon genetic syndrome characterized by distinctive digital clubbing, periostosis and pachydermia. There is no accepted therapy for alleviating the aesthetic defects associated with pachydermia. The aim of this study was to evaluate the role and long-term effect of botulinum toxin type A (BTX-A) in improving facial manifestations in patients with PDP. Three patients with PDP were treated with BTX-A. The main outcome measures were physician rating of wrinkle severity in relaxation, at baseline and after treatment. Secondary measures were patient global assessment of improvement. Case one and Case three were successfully treated with BTX-A; Case two reported an exacerbation of the eyelid ptosis possibly related to treatment.

Case 1 underwent 4 sets of injections over a 48-week period which has never been described. We suggest temporal improvement of cosmetic appearance of patients with PDP could be achieved by BTX-A injection. Repeated treatments remained effective.

### Speaker Biography

Xiang Wen is an attending Physician in Dermatology Department, West China Hospital of Sichuan University, China. She has been a Visiting Scholar at Wellman Center for Photomedicine, Massachusetts General Hospital, Harvard Medical school, USA from 2016 to 2017. She has been engaged in various cosmetic surgeries for several years, particularly cosmetic lasers and injections. She has over 15 publications and has been serving as reviewer of reputed Journals.

e: [xiangwen\\_wcums@163.com](mailto:xiangwen_wcums@163.com)

 Notes: