

14<sup>th</sup> World Congress on Plastic, Aesthetic and Reconstructive Surgery

16<sup>th</sup> International Conference on Otorhinolaryngology: ENT Surgery

JUNE 16, 2022 | WEBINAR

## **Calibre persistent labial artery of the lower lip oral propranolol as a novel agent of treatment**

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**C**alibre persistent artery of the lower lip is a vascular anomaly where the branches of the inferior labial artery maintain its size up to the submucosa of the lip. There is persistent pulsatile feeling and occasional ulceration and recurrent bleeding. Doppler ultrasound and angiogram are used to confirm diagnosis. Before this case report, treatment of this condition has been surgical excision. Histopathologic results of excised lesions have shown presence of numerous vasa vasorum and strong expression CD34 within the tissue. Propranolol has been found to target rapidly proliferating endothelial cell by increasing cellular apoptosis within the proliferating vessels, down regulation of vascular endothelial

growth factors (VEGF) among other functions. We document the successful treatment with oral propranolol.

### **Biography**

Orimisan Belie completed his Bachelor degree in Medicine and Surgery from Obafemi Awolowo University Ile-Ife Nigeria. He completed his Residency training in Plastic and Reconstructive surgery in 2017. He has published over 15 papers in reputable journals; additionally his articles have been cited by numerous researchers in the field of medicine. He performs general plastic surgery and reconstruction with sub-specialization in oncoplastic procedures.

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**Received Date:** April 05, 2022; **Accepted Date:** April 07, 2022; **Published Date:** June 30, 2022