

## **Cell therapy in Oral and Maxillofacial diseases**

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Numerous diseases in oral and maxillofacial (OMF) area develop due to imbalance of cellular behavior or defective cellular function. Many drugs and substances have been developed and applied to cure these disease conditions. However, in some refractory cases, these are still ineffective. Cell therapy are currently being focused on various clinical conditions in OMF area and have shown a promising outcome. These approaches could provide two main clinical effects; 1. building bloc effect to refill defective tissues at recipient diseased site 2. Paracrine effect to affect defective adjacent cells or tissues to be healthy. In this presentation, our preclinical and clinical experiences will be introduced and discussed.