

Buccal fat pad: A location for obtaining adipose divide stem cells

*Amin Rahpeyma¹

¹Associate Professor of Oral and Maxillofacial Surgery, Oral and Maxillofacial Diseases Research Center, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran.

Background

Buccal fat pad is known as anatomic structure in between the masticatory muscles that separate these muscles from each other and surrounding bone.

Ease of access, through the intraoral route makes it suitable choice for obtaining adipose derived stem cells.

Methods

Intraoral incisions for getting access to the buccal fat of pad are; Retromolar incision, incision in medial of pterygomandibular raphe, incision in the vestibular depth of maxilla behind the zygomatic process and finally incision in the buccal mucosa at the level of occlusal plane.

Conclusion

The best way for getting access to the Buccal fat is incision in the maxillary vestibular depth behind the first molar.

Keywords: Adipose divide, Buccal fat pad , Stem cells.

Poster Presentation

***Corresponding Author:** Amin Rahpeyma, Associate Professor of Oral and Maxillofacial Surgery, Oral and Maxillofacial Diseases Research Center, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran.