

## Maxillofacial surgery's importance.

Anusha Swarna\*

Department of Pharmacology, Nandha College of Pharmacy, Tamilnadu, India, E-mail:  
swarna.anu03@gmail.com

### Abstract

**Maxillofacial surgery is a form of oral surgery that is more advanced. A maxillofacial surgeon can perform any of the operations that an oral surgeon can, plus a lot more. A medical degree and advanced training in dental medicine are required for an oral and maxillofacial surgeon.**

**While an oral surgeon is unlikely to perform the most complex oral surgical operations, a maxillofacial surgeon has no restrictions on the kinds of dental surgery that can be performed. This means they will undergo procedures such as teeth extractions, dental implants, and oral surgery, among other things.**

**A maxillofacial treatment may be needed if the problem stretches beyond your mouth. For eg, whether you have a nasal cavity abnormality, a maxillofacial surgeon can be able to remedy it with a surgery.**

**Here in this article we will discuss that one of the rarest dental and surgical specialties is maxillofacial surgery.**

**Keywords:** Dental, Maxillofacial surgery.

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## Introduction

### *Maxillofacial surgeon*

The Latin word root “*maxillo*” means “*jawbone*.” As a consequence, the word “*maxillofacial*” refers to the jawbones and the face, and maxillofacial surgery is a division of medicine that specializes in surgical procedures to treat disorders in this field.

### *What is the role of a Maxillofacial surgeon?*

Oral and maxillofacial surgery is a dental specialty that deals with the diagnosis, medical, and adjunctive care of infections, fractures, and abnormalities that affect both the functional and cosmetic aspects of the oral and maxillofacial region's hard and soft tissues. Maxillofacial

surgeons are skilled in the treatment of a wide range of diseases and disorders affecting the head, spine, throat, chin, and face. Cosmetics play an important role in their work [1].

### *When is oral surgery necessary?*

Oral surgeons are all maxillofacial surgeons, although not all maxillofacial surgeons are oral surgeons. An oral and maxillofacial surgeon has more specialized surgical experience and is trained to perform more operations in more parts of the face than an oral surgeon [2].

Oral surgeons get their name from the fact that they treat nearly exclusively disorders that affect the lips.

An oral surgeon may perform the following procedures:

1. Surgical treatment of head and neck cancer, including tumor removal and reconstruction, as well as micro-vascular free tissue transplant.
2. Craniofacial Facial Deformity Surgery-the reversal of congenital or inherited facial deformity to enhance oro-facial function, but also to resolve facial disfigurement and regain quality of life.
3. Oral and Maxillofacial Surgery0surgery of the teeth, lips, temporomandibular joints, salivary glands, and facial skin defects (including implants).
4. • Cosmetic surgery-surgery to change the appearance of the face and overall quality of life.

Oral surgeons may also handle complications with the temporomandibular joint, which connects the lower jaw to your skull, as well as oral injuries and the swelling and discomfort that comes with them [3].

### **Latest Innovations**

Surgeons can also exhibit precise and informative three-dimensional images of the interior of patients' head and neck anatomy and pathology using three-dimensional radiographic anatomical displays (CT scans) and Magnetic Resonance Imaging (MRI scans).

Computers can edit images to create detailed templates that can be used to plan surgery. Navigational devices connected to dynamic images are being tested in the operating room, allowing the surgeon to see a "head up display."

### **Conclusion**

Finally, oral and maxillofacial surgery is among the most unusual dental and surgical specialties. In certain cases, the qualified OMS collects, reads, and interprets the patient's x-rays; administers local and/or general anaesthesia (which has an outstanding safety record with related surgical procedures); and conducts a number of operations in the office which saves the patient time and money; draws the best and brightest from the prespecialty pool; receives superior training in maxillofacial trauma (in part due to the amount of time spent researching the occlusion, on which many traumatic reparative procedures are based); receives superior training in oral surgery Treats a host of head and neck disorders, as well as facial cosmetic abnormalities. Oral cancer and rehabilitation are among the services offered; Ridge restoration and enhancement.

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### **\*Correspondence to:**

Anusha Swarna  
 Department of Pharmacology  
 Nandha college of Pharmacy, Tamilnadu  
 India  
 E-mail: swarna.anu03@gmail.com