

## Oral and maxillofacial surgery and the surgery types

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### Abstract

**Oral and maxillofacial surgery may be a specialty which focuses on plastic surgery of the face, facial trauma surgery, the mouth, head and neck, mouth and jaws, also as facial cosmetic surgery. Simply, it is the branch that deals with the diagnosis and surgery and treatment of diseases, injuries and defects of the human mouth and the areas around the mouth includes the neck region and the overall face.**

**Keywords:** Face swelling, Oral surgery, Laser, Biopsy

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### Introduction

An oral and maxillofacial surgeon is a regional specialist surgeon who treats the entire craniomaxillofacial complex: area of the mouth, jaws, face, and skull, head and neck as well as associated structures. Oral and maxillofacial surgeons are trained to acknowledge and treat a good spectrum of diseases, injuries and defects within the head, neck, face, jaws and therefore the hard and soft tissues of the oral and maxillofacial region. They give treatment to problems like the extraction of wisdom teeth, misaligned jaws, tumors and cysts of the jaw and mouth, and they also perform implant surgery.

Oral surgery is employed to repair fractured jaws and broken facial bones. Lesion removal and biopsy, Oral surgeons can take a little sample of abnormal growth or tissue then send it for laboratory testing for identification. Some lesions are often managed medically or are often removed by the oral surgeon. There are a variety of treatments that are used for oral and maxillofacial surgery like laser tumor treatment, one of the commonly used treatments. Cancer treatment is one of the vital treatments in oral surgery. There are several types of lasers used for the treatment of oral and maxillofacial surgery. Effects of the laser beam mostly depends on the wavelength of the monochromatic light that is reflected, absorbed. The superficial and areal technique uses laser technique for the removal of spots identified to be precancerous growth in the oral cavity.

Radical surgery combined with stage based neo-adjuvant

therapy is the general treatment used for any tumour surgery. The different lasers used in the treatment of oral and maxillofacial surgery are the CO2 laser, the Nd. YAG laser and the KTM laser. Mostly, they use the lasers with the diameter of around 5 mm to 15 mm around the tumour tissue. There are several advantages using the laser treatment for oral and maxillofacial tumour removals. Some of those advantages are remote applications, can be used in focus mode, precise cutting, haemostasis, low cicatrisation, reduced postoperative pain and swelling. It has also got some disadvantages like increasing the risk of iatrogenic damage to nerves and major blood vessels, the surgeon gets no feedback. These disadvantages are usually drawn from a clinical point of view. This superficial and areal ablation technique is a treatment procedure which uses a laser technique for the removal of spots detected to be having high growth within the oral cavity. The aftermath care should be taken really well as it may lead to infections. The care includes proper oral hygiene and follow ups with the specialist surgeon. If neglected after the surgery the consequences can be dangerous and harmful to the Oral health.

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