

CAUSATIVE FACTORS TO POST-OPERATIVE COMPLICATIONS FOLLOWING TOOTH EXTRACTION: RETROSPECTIVE SURVEY AT SPECIALIZED DENTAL CENTRE, KFH, MADINAH, KSA

*Ahmad Zakour, Ahmad Al Shehri, Mohammed Alkhathaami, Mohammad Al Rowias, Taha Shaqrun & Abrar Nahhas
Research Scholar, Specialized Dental Centre, KFH, Medina, KSA*

ABSTRACT

Tooth extraction is one of the most common and oldest oral surgical procedures performed by dentists and oral surgeons. Extraction of teeth often leads to complications. A complication is possible in more than half of all tooth extraction instances. Complications can affect the surrounding bone, sinus, soft tissue (periodontium, vascular, nerves, and so on) as well as the tooth. An extraction, on the other hand, should include the following steps: pre surgical/extraction evaluation, treatment planning, contingency treatment planning, extraction, and (5) postsurgical/extraction evaluation.

Methods

The study was conducted at the specialized Dental Centre, KFH, Medina, KSA between January 1, 2019 and May 31, 2021. The study was conducted in accordance with the Declaration of Helsinki, and ethical approval was obtained. We reviewed patient records and analyzed the data of 1500 patients between January 1, 2019 and May 31. From a pooled sample size of 350 extractions done during this period, data of patients reporting for post-extraction complications were segregated and analyzed.

Results

A total of 1500 patients who had exodontia procedures. There were 870 males and 630 females among the patients, with an average age of 55.3 ± 19.9 years. In terms of medical history, more than a third of patients affected with hypertension, while diabetes afflicted more than 10%. Psoriasis, rheumatoid arthritis, pemphigus, pemphigoid, Stogner's syndrome, and erythematous systemic lupus were the most commonly reported autoimmune illnesses. In terms of infectious diseases, the most common was HCV (5 %).

Conclusion

Periodontal disease and caries were the most common causes of tooth extraction. dry socket was the most common post-operative complication. Surgical trauma should be minimized with an appropriate surgical technique

KEYWORDS: *Periodontal, Disease, Tooth, Extract, Surgery*

Article History

Received: 11 Dec 2021 | Revised: 24 Dec 2021 | Accepted: 24 Dec 2021
