

# **THE ROLE OF TIMING IN SUCCESS OF OSSEOINTEGRATION OF IMMEDIATE IMPLANT**

**Thesis**

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إلى كلية طب الفم والأسنان  
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## **AIM OF THE STUDY**

The aim of this study is to:

1. Evaluate the role of timing of implant placement in extraction site with the aid of guided tissue regeneration at different period of time after extraction.
2. Find out the most suitable time after tooth extraction to perform immediate implantation.

## **INTRODUCTION**

The healthy functioning teeth is the target of every living human being, but unfortunately this target may be hard to achieve due to many factors; caries, periodontal diseases, endodontic failure and traumatic injuries<sup>(1)</sup>.

Various attempts to replace missing teeth have presented a treatment challenge throughout the human history. Rehabilitation of the patients suffering from squeals of extracted teeth has been developed greatly<sup>(1,2)</sup>.

The need of patients increase demand for high quality services with functional and esthetically comfortable prostheses. Now every modern dental practice has to give serious thoughts to implantology<sup>(3)</sup>.

Dental implants have become one of the most exciting and rapidly developing aspects of dental practice as they now provide a clear viable treatment alternative to removable or fixed prosthesis. Implants, which are placed into the jaw bones and protrude through mucosal tissues, are used to provide attachment anchorage for replacement of artificial teeth. Advanced periodontal disease or diseases or accident can now elect a treatment option that provides for firm anchoring or bridge work