

## インプラント / Implant

## 抜歯即時インプラントの臨床的考察

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## Clinical Study of Immediate Placement of Dental Implant.

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Recently, the dental implant treatment is able to expect a high prospect. This is more dominant in function and aesthetic than artificial teeth. However, the longer treatment period is often pointed out as a problem.

In the anterior region of alveolar arch, the labial cortical plate is thinner than its lingual counterpart.

Therefore, that is first to remodel or resorb after tooth extraction, disease or trauma, and its extent is greater than the lingual cortical bone. In the posterior regions, that is also similar.

We, Japanese as a Mongoloid only have the much thinner labial plate than others like Caucasian. Because of that, the reconstruction of the missing tooth might be difficult thing for us. To solve these problems, the implant placed immediately after extraction is often applied. It is suggested that this method is useful for shortening at the treatment period and reducing alveolar resorption.

This time, we show two case reports and clinical statistics of immediate loading of dental implants. All the operations were performed in our clinic from April 2004 to December 2007. Twenty-two patients five males and seventeen females were operated on, and twenty-nine implants were placed. As a result, its survival rate is 96.6%. The results of this limited investigation suggest that the dental implant immediately placed and loaded after extraction is one of the useful treatment methods of prosthetic procedure under the appropriate examination, diagnosis and maintenance.

近年、インプラント治療はかなり予知性が高くなってきた。一方デンタルインプラントは義歯に比べ機能的・審美的回復が可能になってきたが、治療期間の長さがリスクとしてあげられる。

またわれわれ、日本人（モンゴロイド）の上顎前歯部においては元来唇側歯槽骨が薄いために、抜歯後の治療過程で唇側の歯槽骨吸収をとめない、その結果審美的回復が困難となることが多く、下顎臼歯部においても頬側の骨欠損がインプラント埋入後の予後に影響をおよぼしている。

そこで今回インプラントの埋入を抜歯と同時に行うことにより、治療期間の短縮および経時的な骨吸収の回避が可能となり、審美的・機能的に良好な結果を得た2症例の概要を報告する。

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