

## Encode® 愈合基台技术在前牙美学修复的应用

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**【摘要】** 目的: 对 3I 种植系统 Encode® 愈合基台水平取模技术进行美学区域种植修复的临床评价。方法: 拔除患牙, 即刻植入 3I Osseotite™ Certain® 直形种植体, 软组织愈合后临时基台修复。8 周后换 Encode® 愈合基台, 行愈合基台水平取模, 模型送往技工中心利用 CAD/CAM 设计、制作个性化 Encode 基台和全瓷冠, 临床完成基台和冠的戴入。结果: 临时基台修复促成了软组织成形和良好的牙龈外形, 之后由 Encode 愈合基台取模, 操作简便; 在此基础上的印模转移了进行 Encode 个性化基台修复的所有信息, 制作完成了个别 Encode 基台和全瓷冠, 达到了个性化的美学修复。结论: 3I 种植系统 Encode® 愈合基台水平取模技术是理想的个性化美学修复方法。

**【关键词】** Encode® ; 愈合基台; 3I 种植系统; 个性化美学修复

## Application of Restoration using Encode® Healing Abutment In the Aesthetic Zone

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**【Abstract】 Objective:** To estimate the implant restoration with Encode® healing abutment level impression technic of 3I Implant System in clinical case. **Methods:** Extraction of hopeless tooth, implanting placement with a 3I Osseotite™ Certain® straight implant in the same time; placement of a PreFormance® Post after soft tissues healing; removal of the provisional crown and placement of an Encode® Healing Abutment at eight weeks post provisionalization; impression of the Encode Healing Abutment and opposing arch; fabrication of a CAD/CAM design of a definitive Encode Abutment and all - ceramic crowns; placement of a definitive Encode Abutment and all ceramic crown for implant site. **Results:** A fixed provisional restoration was placed to sculpt the soft tissues and developed an optimal emergence profile. Following soft tissue maturation around the provisional restoration, an Encode Healing Abutment was placed. A simple closed tray impression was made of the healing abutment, which transferred the necessary information for fabrication of a definitive Encode Abutment. All - ceramic restorations were fabricated for the implant. **Conclusion:;** The Encode® Healing Abutment level impression of 3I Implant System is a perfect definitive restoration technic in the aesthetic zone.

**【Key Words】** Encode® Healing Abutment 3I Implant System Provisional Restoration In the Aesthetic Zone

## ERA 种植覆盖义齿修复颌骨并牙列缺损的临床评估

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**【摘要】** 目的: 临床研究颌骨并牙列缺损采用 ERA 种植覆盖义齿进行修复的效果。材料与方法: 23 例的颌骨并牙列缺损患者采用 ERA 种植覆盖义齿修复。结果: 经过 1 年至 5 年时间随访, 100% 的患者表示对该义齿的固位性能, 咀嚼效能, 舒适程度, 以及装卸的方便程度感到满意。142 个种植体, 有 2 个病例 6 个月时出现 4 个种植体松动, 进行了即刻补种, 其余无失败病例。结论: ERA 种植覆盖义齿进行修复颌骨并牙列缺损患者, 临床观察患者非常满意, 提示该方法是一种方便、经济、可

靠的修复方式。本组病例应用美国 Sterngold 公司生产的太极扣(ERA)和 Branemark 系统,Implanmed 种植体及太极扣种植体, ITIMark 系统, XIVE 系统等种植体。采用带血管腓骨瓣等移植完成骨基础重建, 然后进行同期或延期种植, 最后完成种植太极扣覆盖义齿修复。对 23 例颌骨缺损(142 个种植体, 63 个扣)缺失牙病例进行了种植覆盖义齿修复, 采用的是粘固桥式支架连接, 太极扣固位, 由于大量骨缺损, 所以大量采取种植体支持, 覆盖修复重建良好外形。观察 1 月-5 年。有 5 个病例中间经过修理或更换阳扣, 有一个病例修复后 5 个月牙龈退缩, 6 个病例有牙龈增生, 3 个有明显骨吸收。本题通过对太极扣临床应用种植体太极扣完成各类颌骨缺损后的修复。探讨太极扣赈附体修复的设计方法, 以及移植骨吸收原因和规律, 以及阴阳、太极概念的理论意义。

**【关键词】** 颌骨缺损; 牙列缺损; 义齿, 局部, 可摘; 附着体, 种植体

## Retrospective investigation of clinical application of ERA implant overdenture on jaw bone defect and dentition defect

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**【Abstract】 Objective:** To evaluate the effect of clinical application of ERA implant overdenture on jaw bone defects and dentition defect. **Methods:** 23 cases that were not satisfied with traditional removable denture were applied by ERA implant overdenture. **Results:** 23(100%) cases that were satisfied with the new dentures. 142 implants, 4 (2.8%) implants were failed but repaired quickly and easily. **Conclusion:** ERA implant overdenture was a better choose than with traditional removable denture on jaw bone defects and dentition defect.

**【Key words】:** jaw bone defects ; dentition defect; denture, removable; attachment, implant overdenture

## 种植牙修复牙列缺损 30 例临床效果观察

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**【摘 要】 目的:** 观察 ITI Straumann 等常用牙种植系统在常见牙列缺损修复中的临床效果。**方法:** 牙列缺损患者 30 例, 植入 ITI Straumann 等常用牙种植体 60 枚, 其中 3 例行上颌窦内提升术。2~6 个月后进行上部结构修复, 定期随访, 检查种植体骨结合状况、种植体周围软组织与修复体情况。**结果:** 本组病例经修复后 1~3 年的临床观察, 种植成功率 100%, 仅一例患者上部修复体在修复后 1 年出现基台松动, 其余患者各项评价指标良好。**结论:** 牙种植技术在常见牙列缺损修复方面具有美观舒适、不损伤余留牙、咀嚼效果好等优点, 是一种良好的修复方法。

**【关键词】** 牙种植; 牙列缺损; 义齿修复术

## Clinical effect of dental implant in the restoration of 30 cases dentition defect

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**【Abstract】 Objective:** To observe the clinical effect of commonly used, such as ITI Straumann dental implant system in the common dentition defect repair. **Methods:** 60 commonly used implants such as ITI Straumann dental implant were inserted in 30 patients with