

Implant 사용설명서



제품 개요 (1회용 멸균의료기기)

본 제품은 치아, 상실로 인한 저자 및 심미기능 수복을 위해 사용되는 티타늄 소재로 제작된 임플란트로서 즉시 부착 또는 조기부착, 즉시 식립 또는 1차시술, 2차시술과 같은 치과용 임플란트 치료를 할 수 있도록 고안된 임플란트 시스템이다.

사용 목적

전부 또는 일부 무치약 환자에게 치관, 치교 또는 피개의치를 지지하기 위해 상악골 또는 하악골에 즉시 식립, 자연 식립, 통상 식립을 하는데 사용되어 진다.

사용방법

* 사용 전 준비사항

1) 환자의 임플란트 치료의 적합성여부를 확인하기 위해 수술 전 입상검사 및 방사선 투과검사를 통해 환자의 상태를 평가한다.

2) 환자의 구강상태에 적합한 임플란트 시스템 결정을 위해 장단점, 시술 방법 등을 충분히 설명하여 환자의 치료 방향을 결정한다.

3) 임플란트의 포장상태를 확인해야 하며 끊어지거나 개봉이 되어 있을 경우 멀균상태가 유보하지 않으므로 사용을 금한다.

* 사용 절차

1) 수술부위는 X-ray 촬영을 통해 적합한 위치를 선정하며 마스크를 사용하여 치온을 적절한 길이로 절개한다.

2) 노출된 피질골에 가이드 드릴로 골을 뚫어 임플란트 식립 위치를 결정한다.

3) Ø2.2 트위스트 드릴을 사용하여 식립될 임플란트 깊이를 맞는다. 성확한 깊이 측정을 위해 depth gauge를 사용하여 확인한다. 마찰열 발생 억제를 위해 충분한 주수와 pumping motion으로 드릴링한다.

4) Parallel pin을 사용하여 뚫어진 hole의 드릴링 각도 및 평행관계를 확인한다.

5) 정확한 경시각을 유지하기 위해 2개 이상의 경우 parallel pin을 hole에 체결시킨 후 평행관계를 확인하며 드릴링한다.

6) Ø2.2 임플란트 식립의 경우 lindemann 드릴이 최종 드릴이며, Ø3.3 임플란트는 Ø2.8 트위스트 드릴, Ø4.1 임플란트는 Ø3.5 트위스트 드릴, Ø4.8 임플란트는 Ø4.2 트위스트 드릴이 최종 드릴이며 최종 드릴로 확대하기 위해 순차적으로 드릴링을 실시한다.

7) 프로파일을 사용하여 임플란트 형상으로 골을 형성화 시킨다.

8) 피질골이나 아주 단단한 경우 템드릴을 사용하여 골내 예비 나사사를 형성시킨다.

9) 임플란트 ampule 포장 용기를 한손에 잡고 ampule 뒷면을 제거한 후 노출된 임플란트 상단을 driver로 정확하게 제거한다.

10) 식립하고자 하는 위치로 이동시킨 후 20rpm의 저속으로 hand-piece를 사용하여 임플란트를 식립한다. 토크는 최대 35Nm로 설정한다.

11) Torque wrench는 임플란트를 마지막으로 식립하기 위해 사용할 수 있다.

12) Ø4.8 & Ø5.5 임플란트를 단단한 골에 식립 시 반드시 hand-piece로 주수를 시행해야 한다.

1차 수술 절차

13) Hex driver를 사용하여 Healing abutment을 연결 한 후 임플란트를 체결한다.

14) 절개부위를 합침한다.

2차 수술 절차

13) Hex driver를 사용하여 임플란트 내부에 이물질이 침입하지 않도록 cover screw를 체결한 후 절개 부위를 봉합한다.

14) 2차 수술시 치조점을 절개하고 cover screw가 보이도록 노출시킨다. Hex driver로 cover screw를 제거한 후 환자에게 적합한 Healing abutment을 임플란트에 체결한다.

- 모든 제품은 1회용 제품으로서 재사용을 금한다.

포장단위 : 개/세트

제조사 및 주소

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Implant Instructions For Use



Introduction (Disposable sterilized medical device)

This implant is made of titanium used to restore the masticatory and aesthetic function caused by the loss of tooth and is designed for the dental implant treatment such as immediate load or early load, replace failed implant, preliminary procedure or secondary procedure.

Intended Purpose

- To evaluate the clinical performance of the implant in the maxilla or mandible to support the crown, bridge or overdenture in all or some of edentulous patients.

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