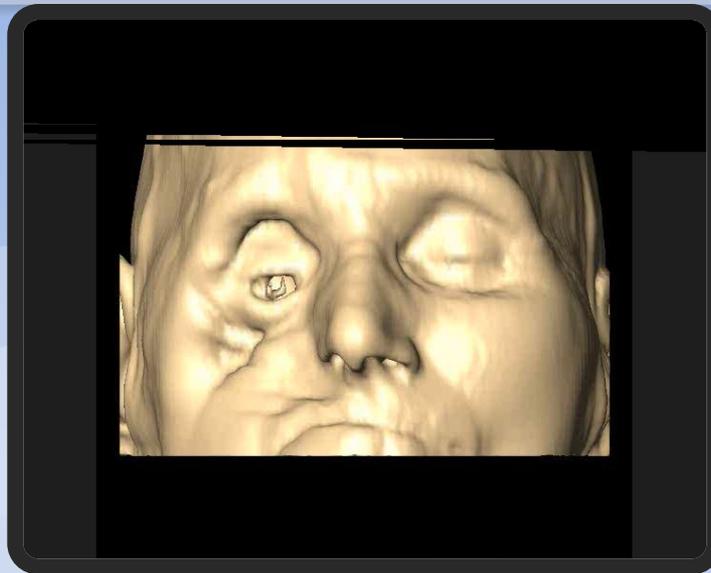




ФГУ ЦНИИС и ЧЛХ
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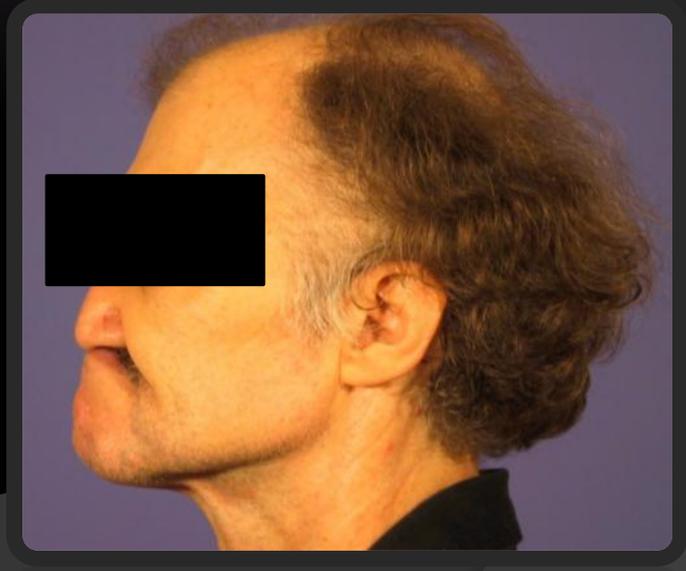
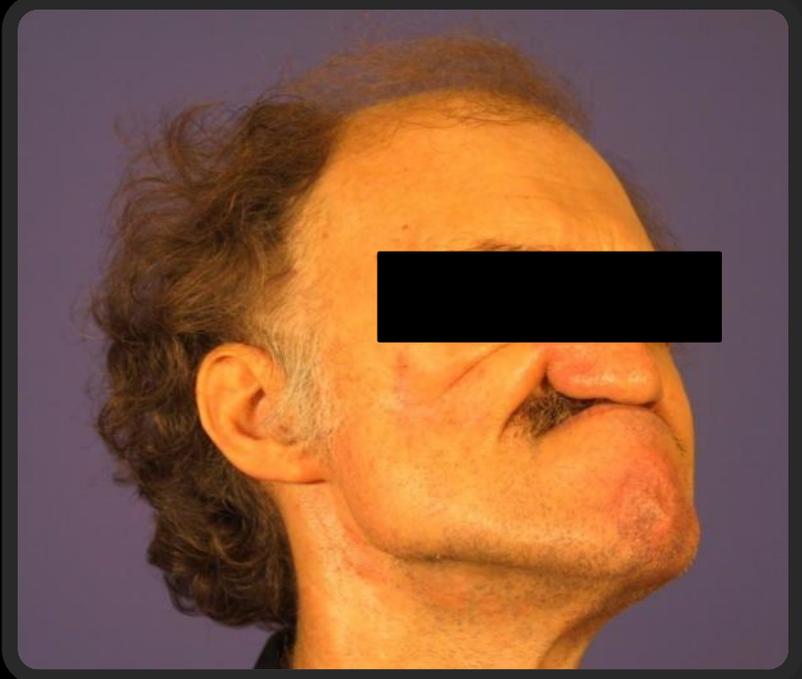
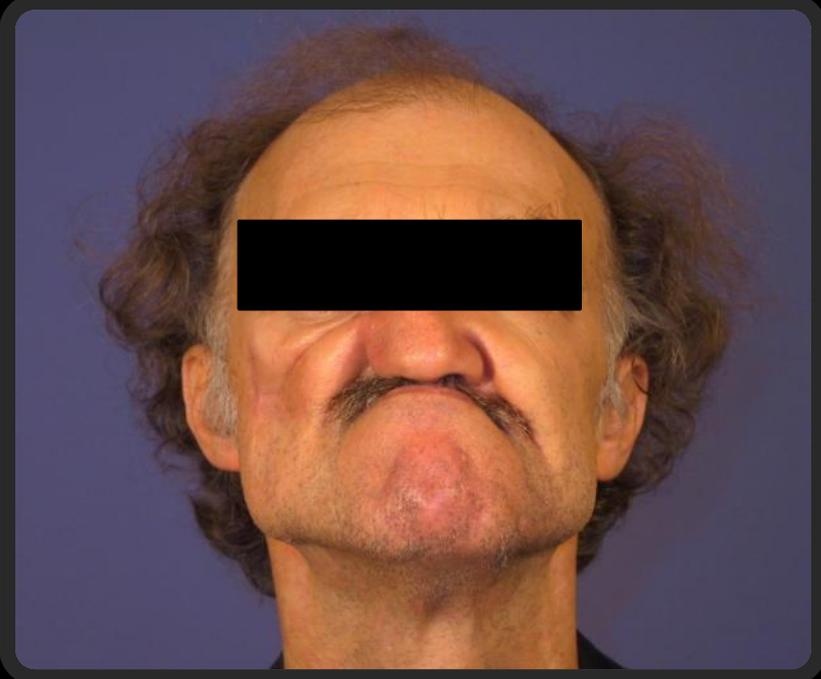


Кулаков А.А.
Гветадзе Р.Ш.
Вербо Е.В.
Буцан С.Б.
Перфильев С.А.
Хохлачев С.Б.

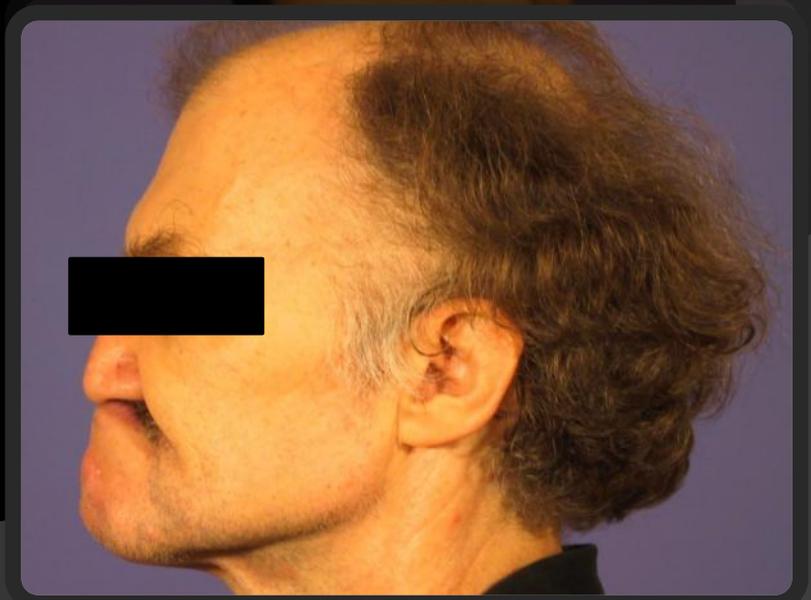
ХОХЛАЧЕВ С.Б.
ПЕРФИЛЬЕВ С.А.
РУДЕН С.Р.

ПЛАНИРОВАНИЕ И МОДЕЛИРОВАНИЕ КОСТНО-РЕКОНСТРУКТИВНЫХ ОПЕРАЦИЙ И ЗУБНОЙ ИМПЛАНТАЦИИ

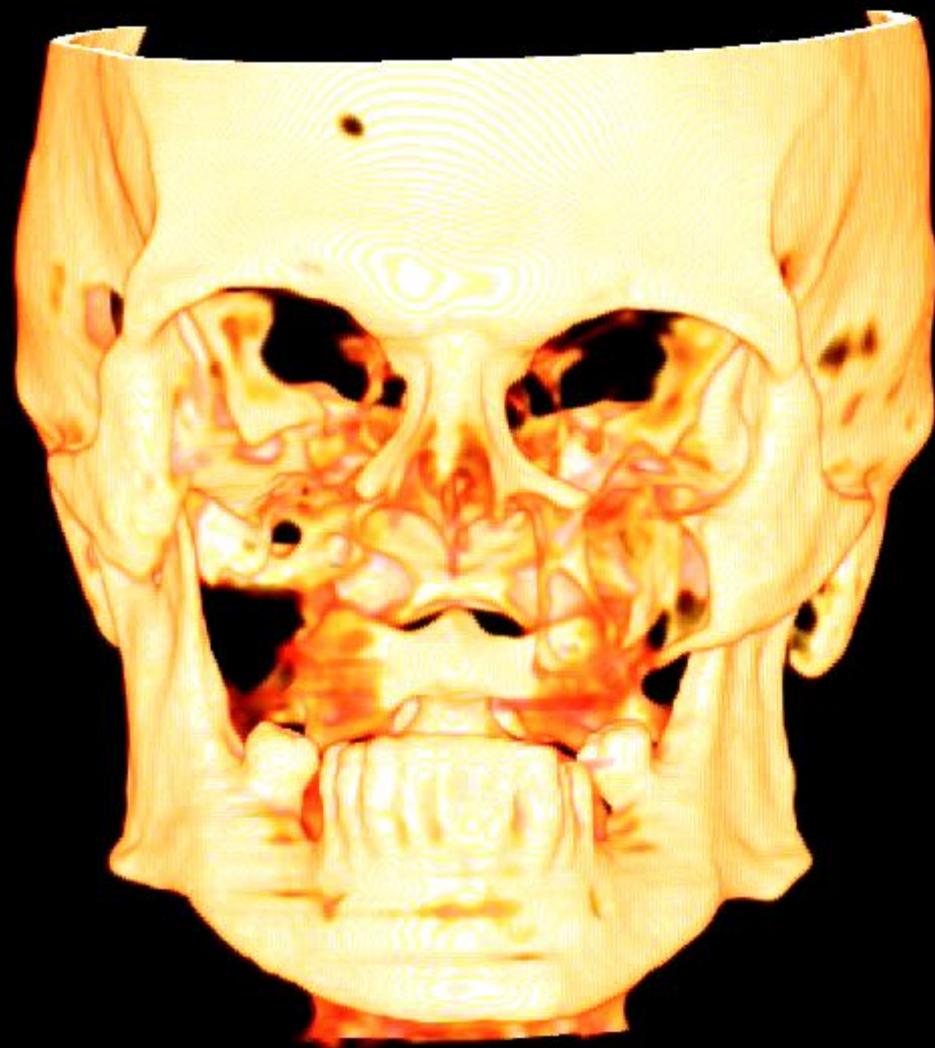
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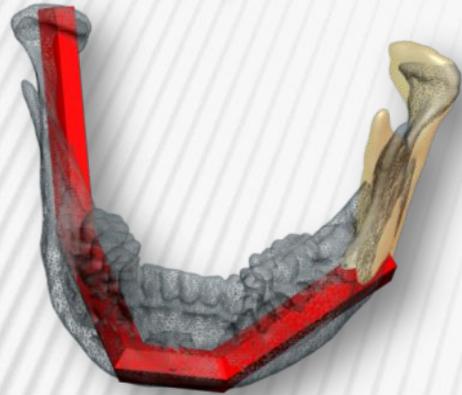
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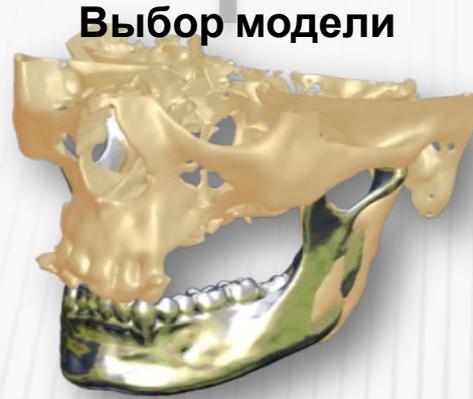
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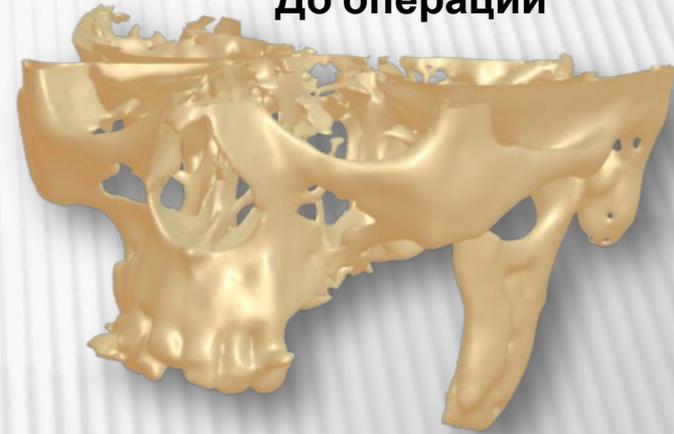
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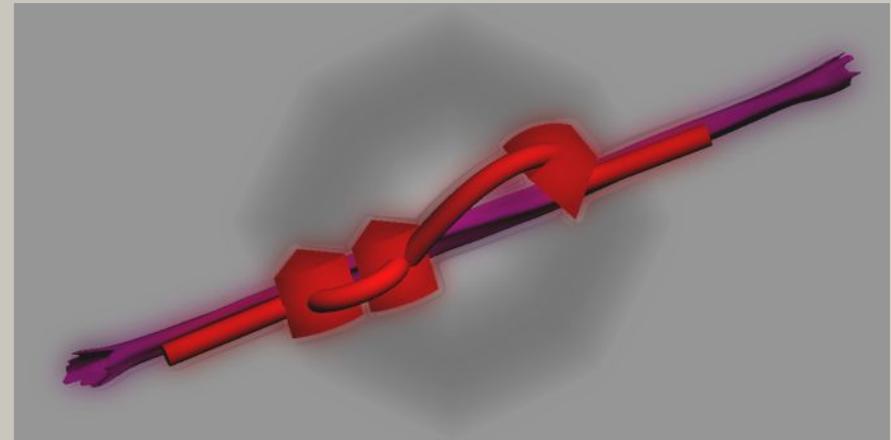
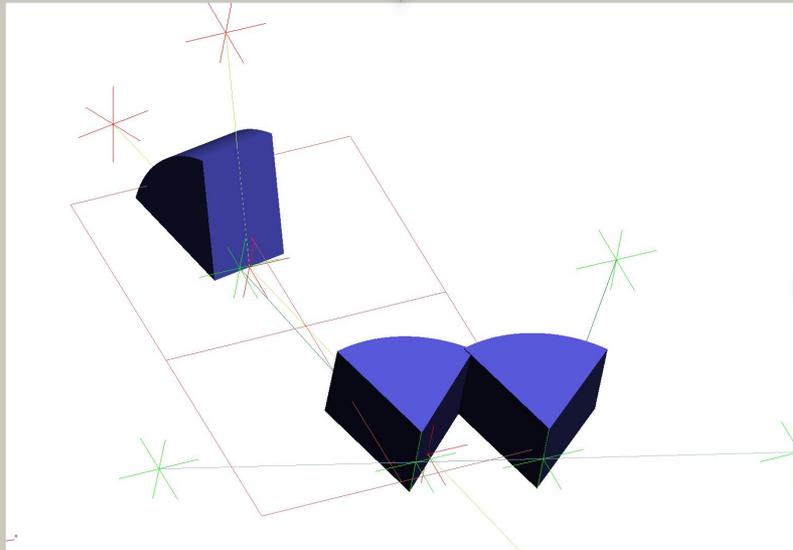
Расчет углов и точек
остеотомии



Выбор модели

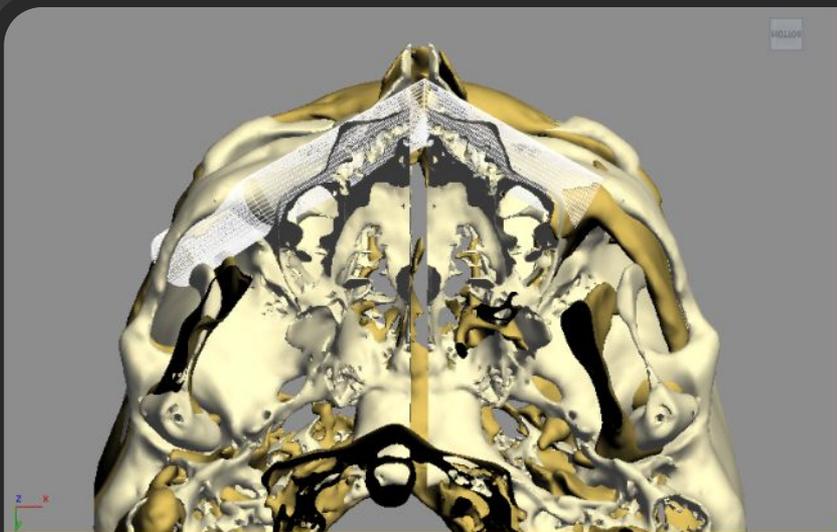


До операции

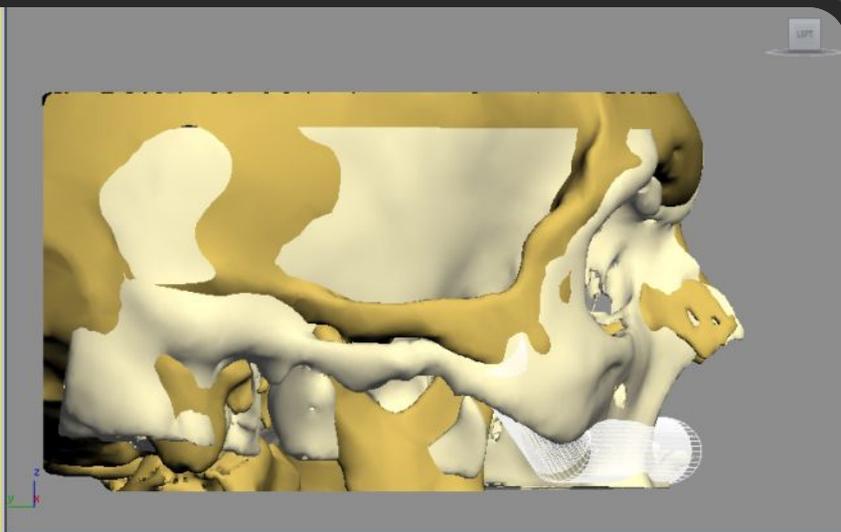


Проектирование
разметочного и
сборочных шаблонов

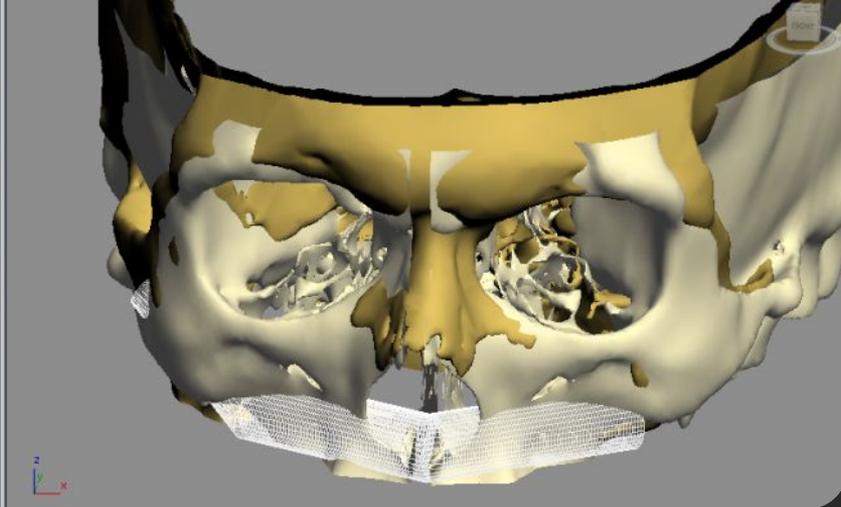
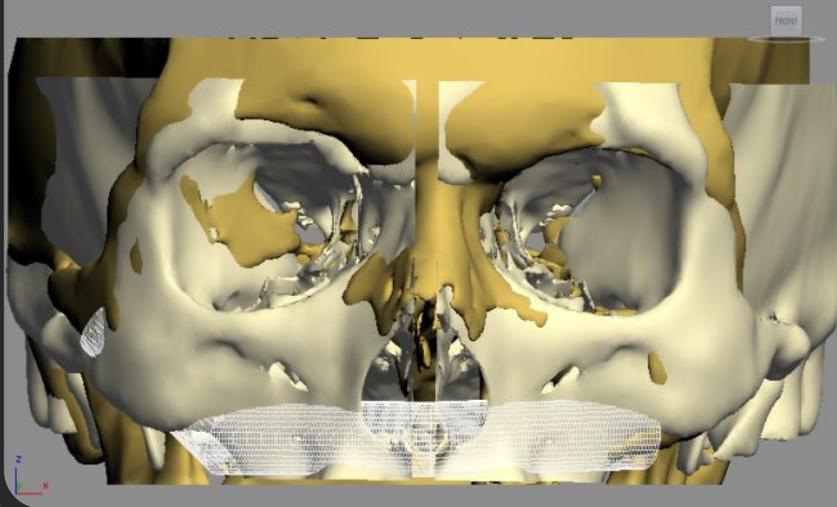
ЭТАП ПЛАНИРОВАНИЯ



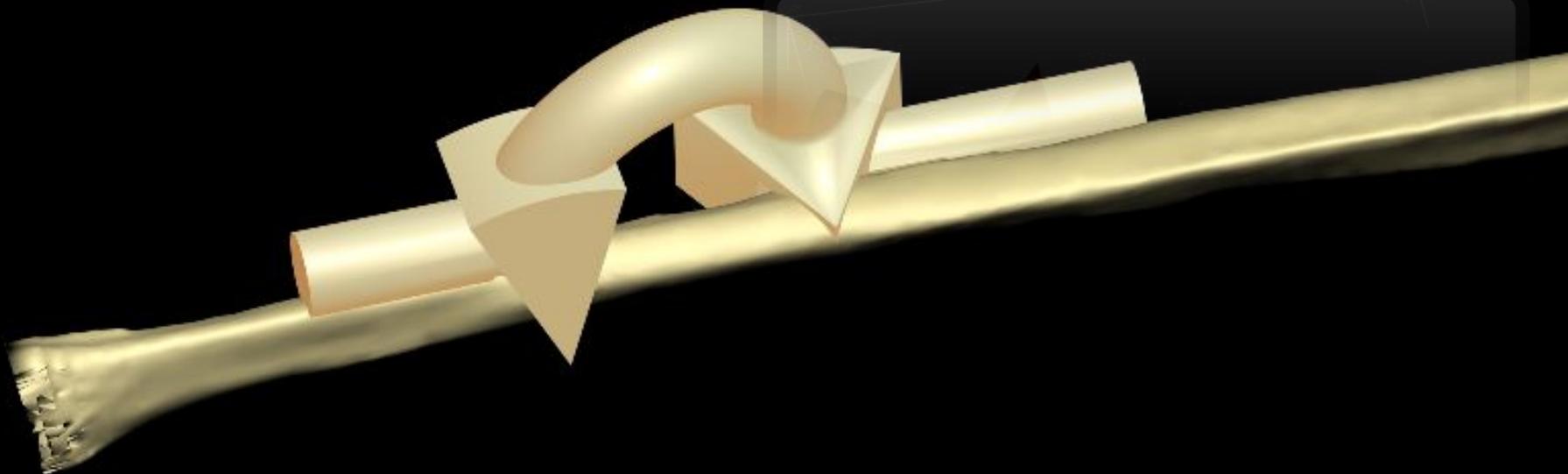
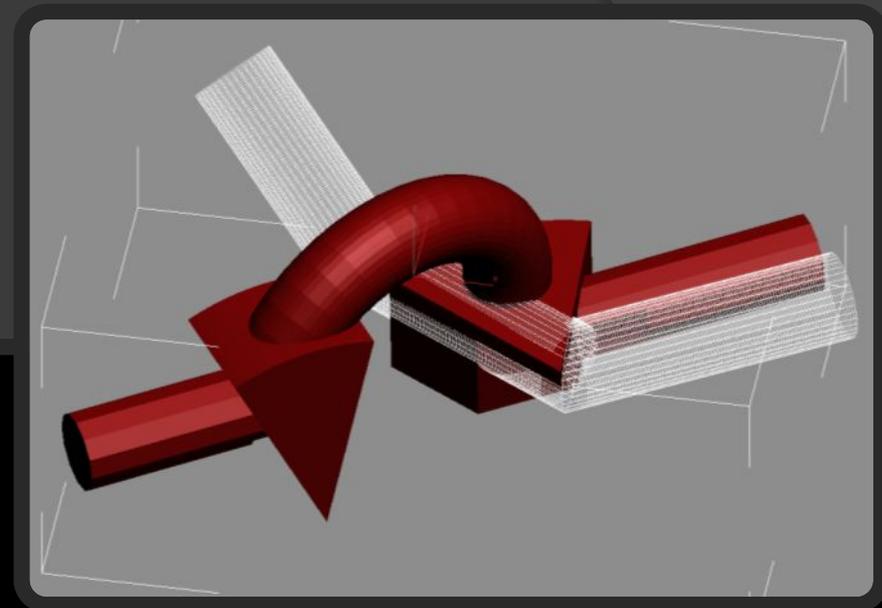
[Front] [Smooth + Highlights]



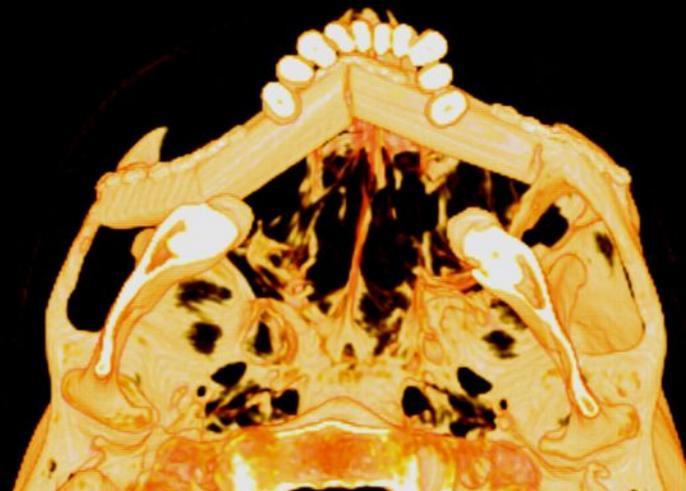
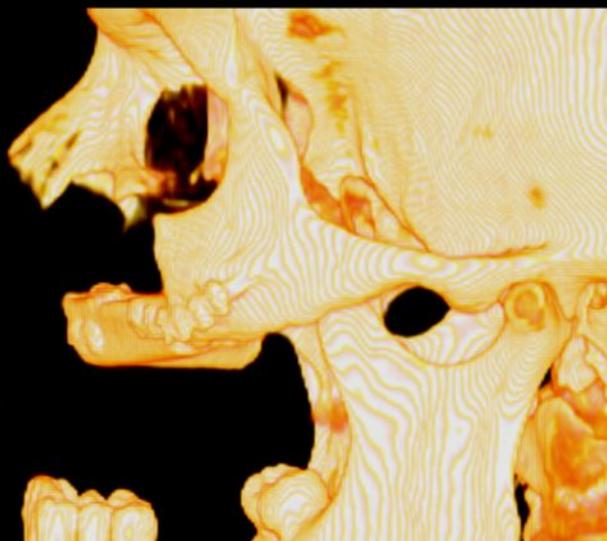
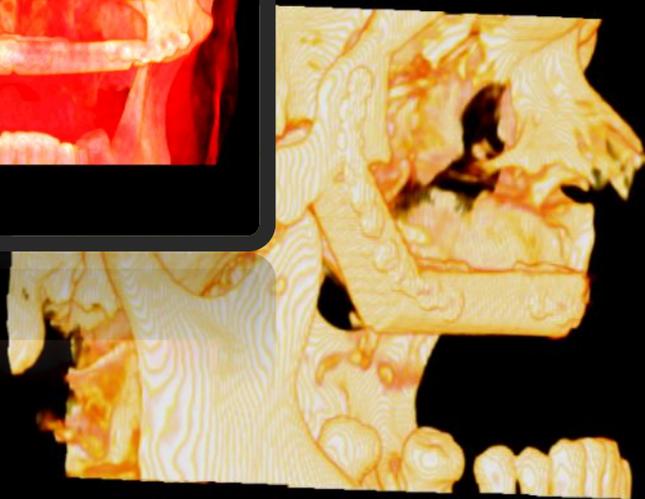
[+] [Orthographic] [Smooth + Highlights]



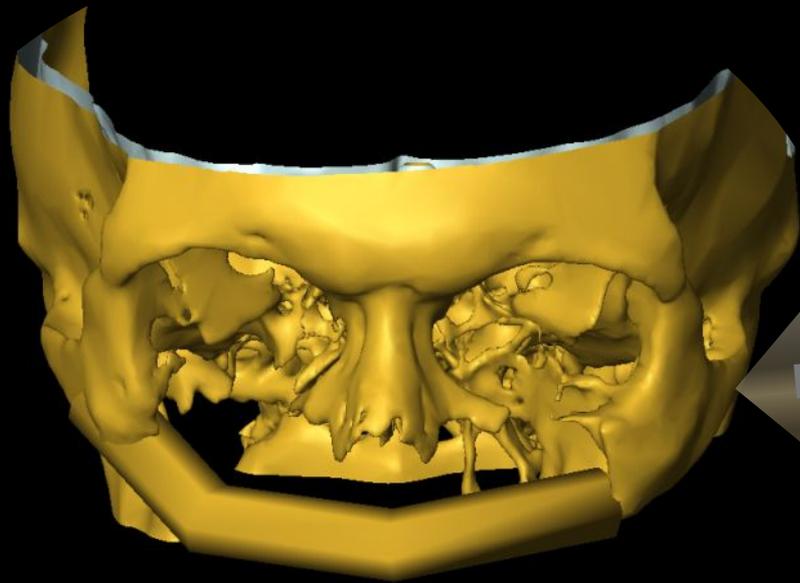
ЭТАП ПЛАНИРОВАНИЯ



После операции



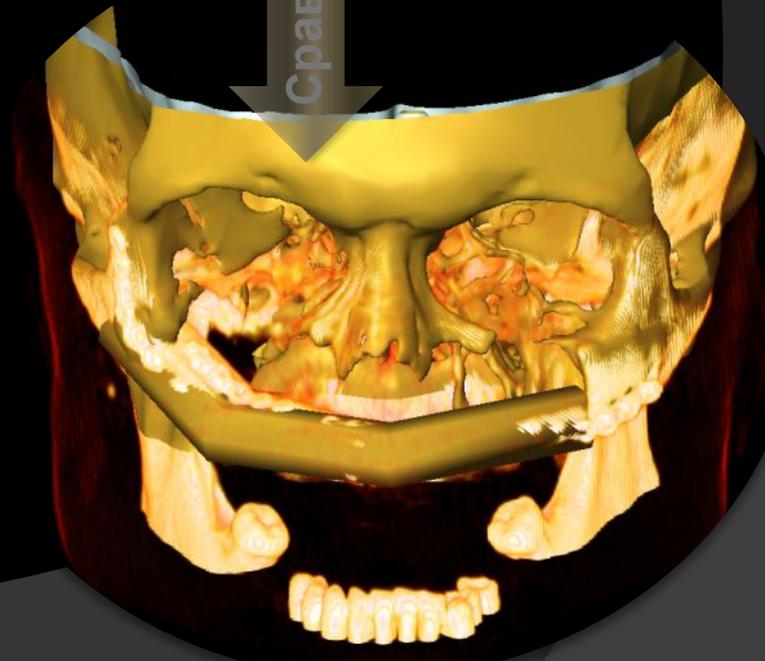
После операции



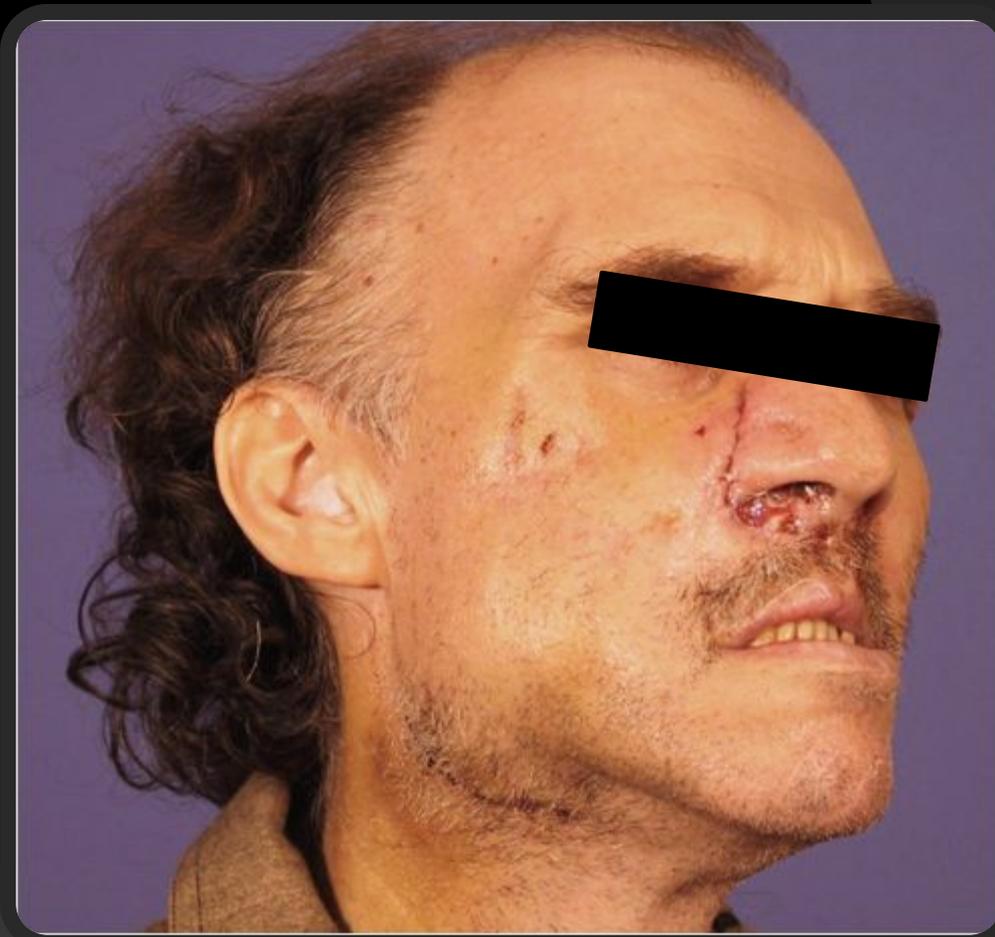
План

Результат

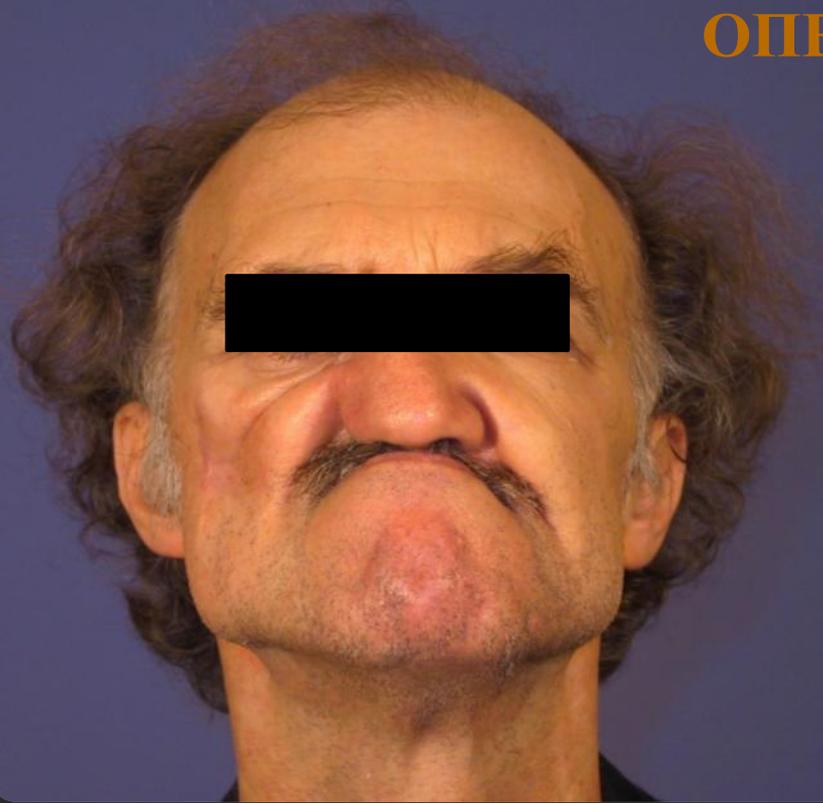
Сравнение



После операции
2 недели



ДО
И СПУСТЯ
2 НЕДЕЛИ
ПОСЛЕ
ОПЕРАЦИИ

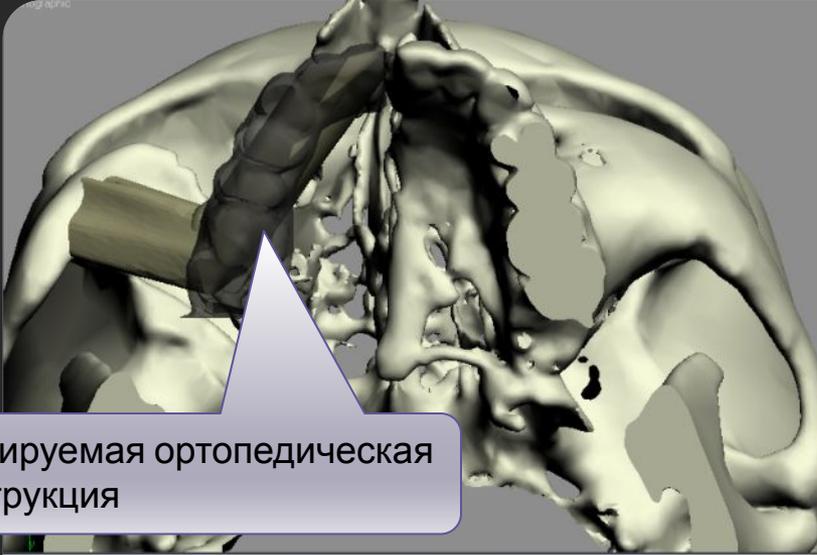


КЛИНИЧЕСКИЙ ПРИМЕР

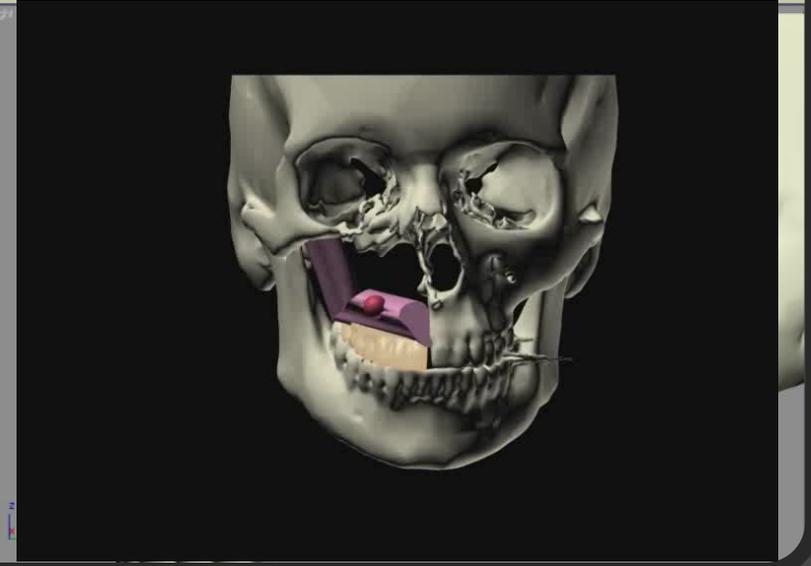
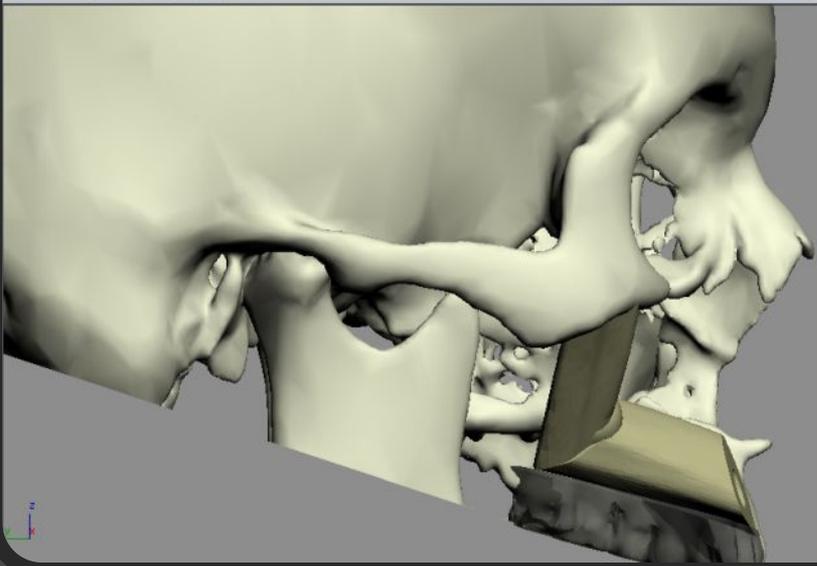
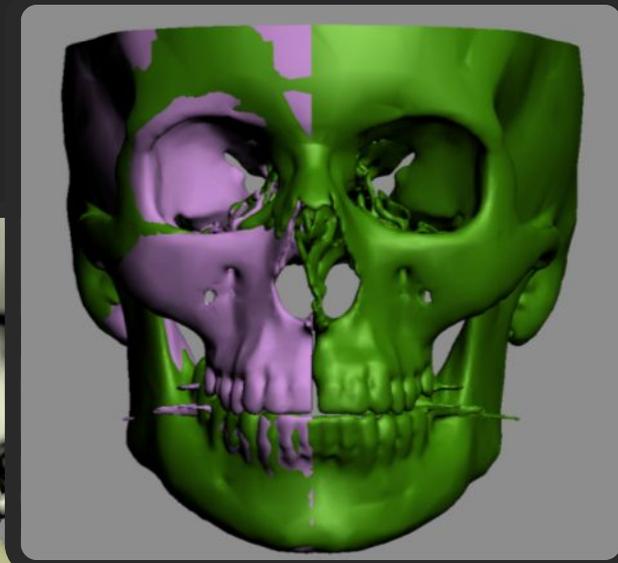
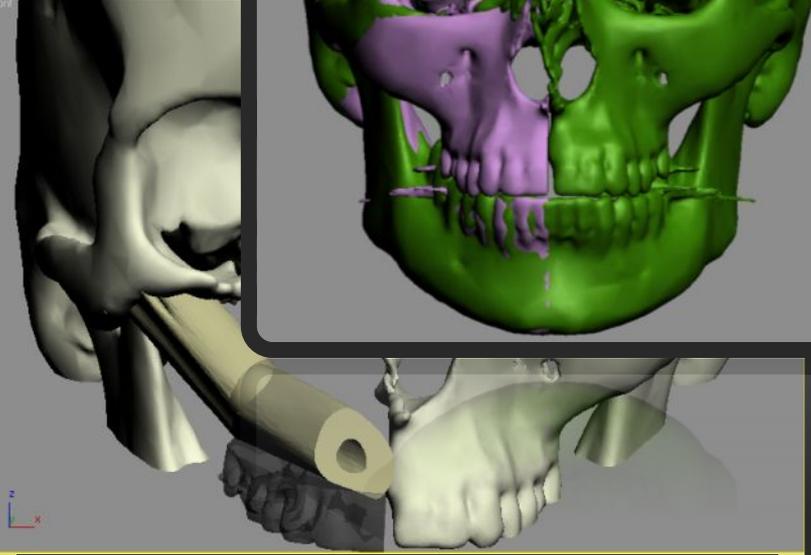


До операции

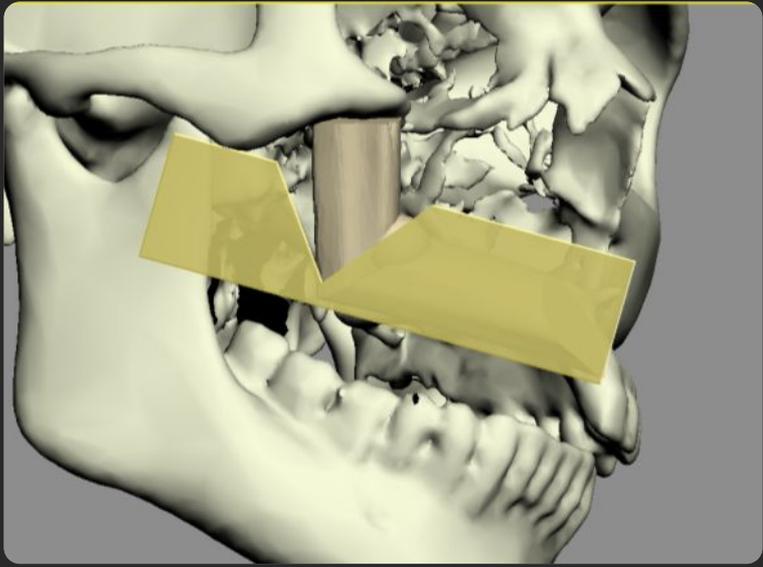
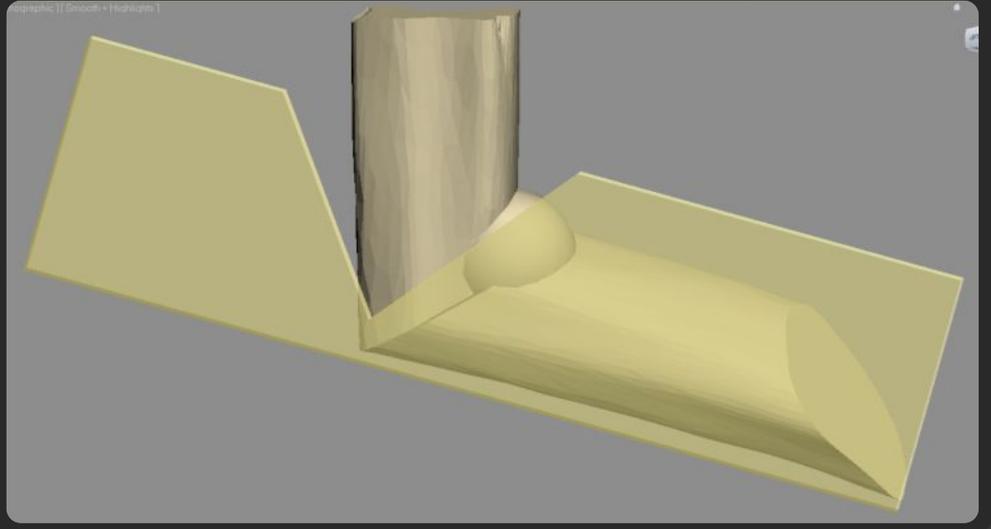
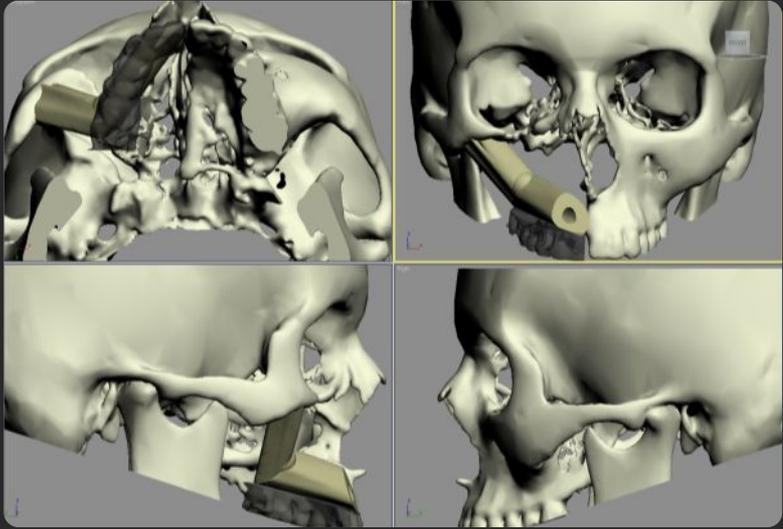
ЭТАП ПЛАНИРОВАНИЯ



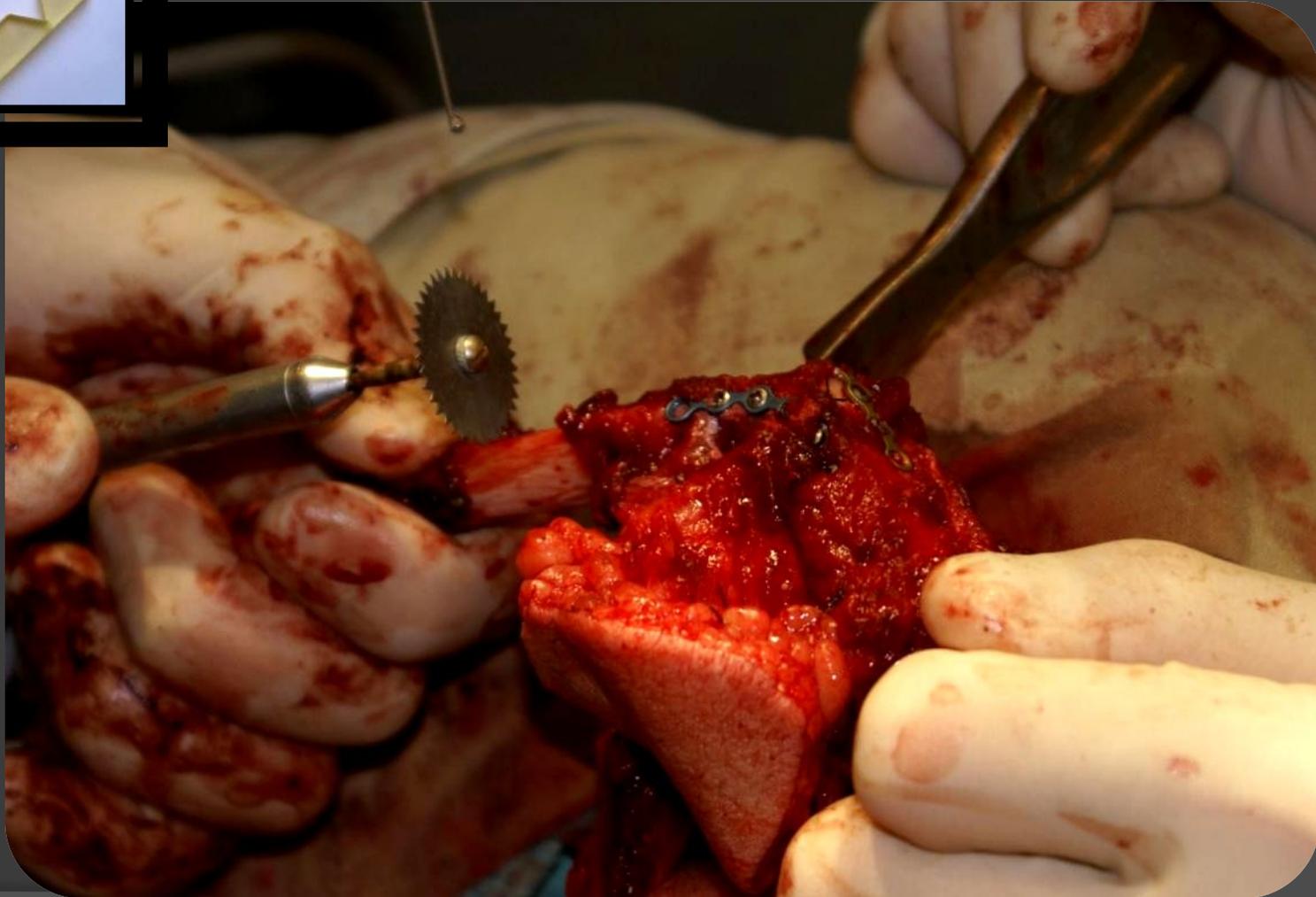
Планируемая ортопедическая конструкция



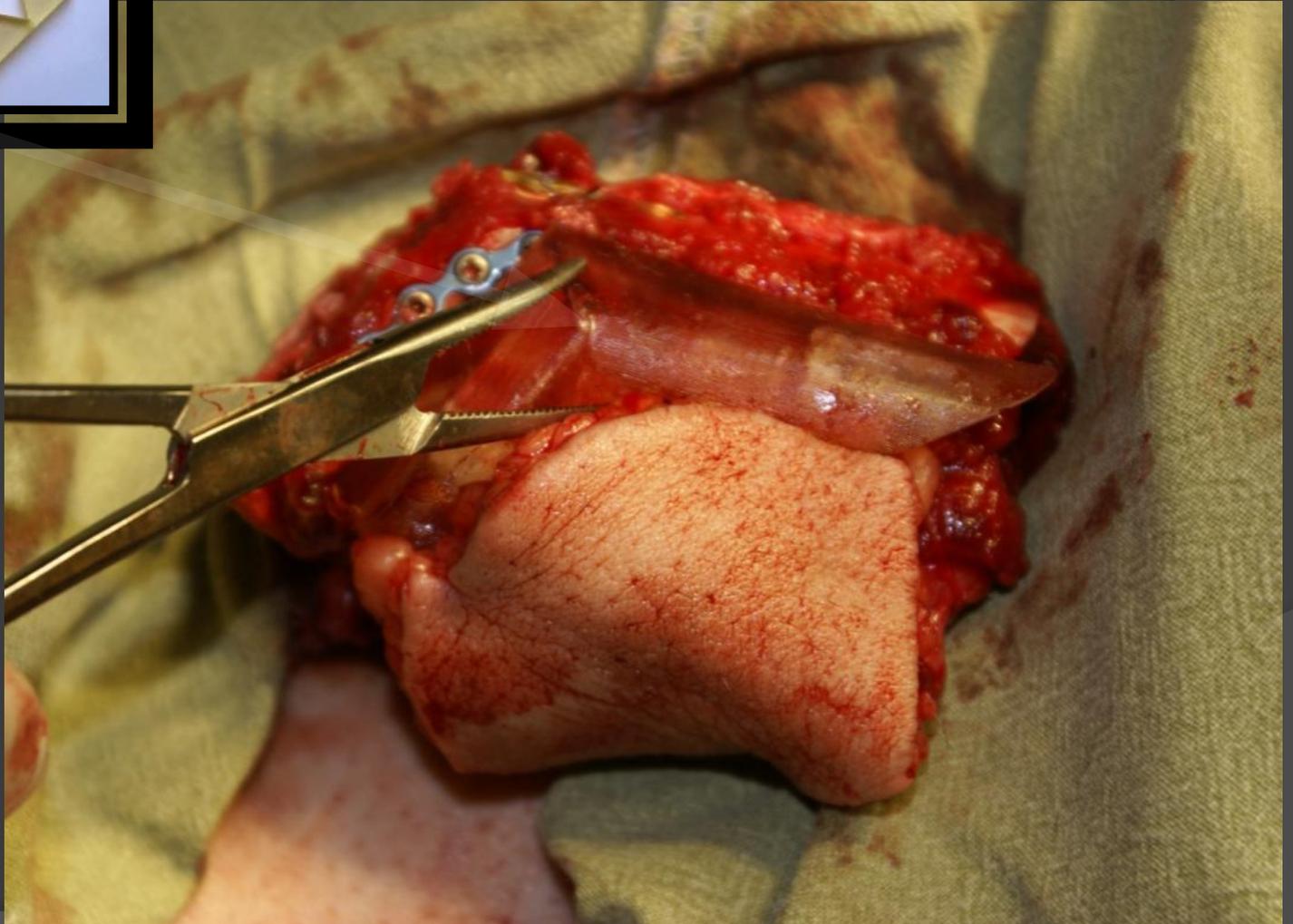
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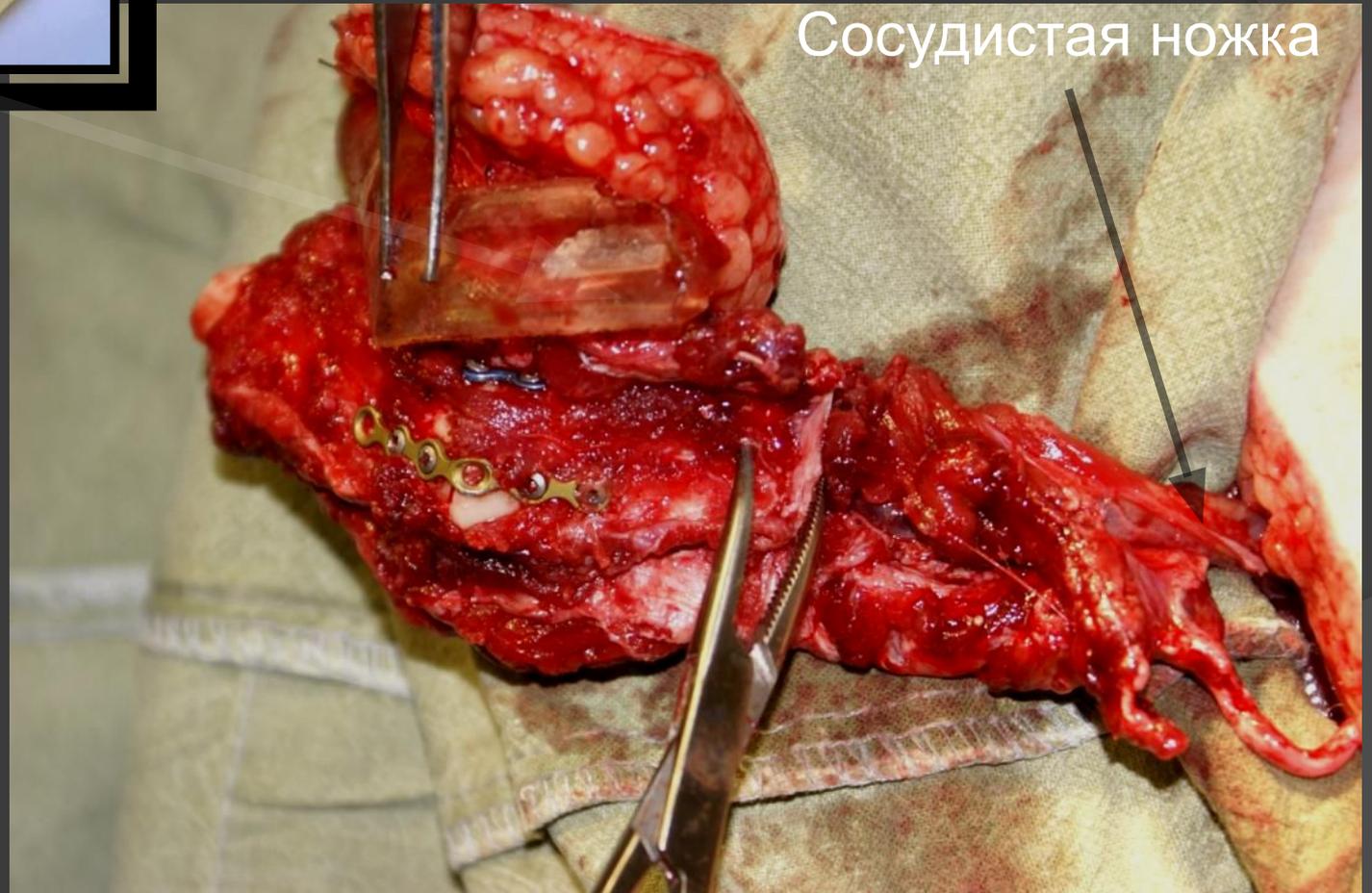
В ОПЕРАЦИОННОЙ



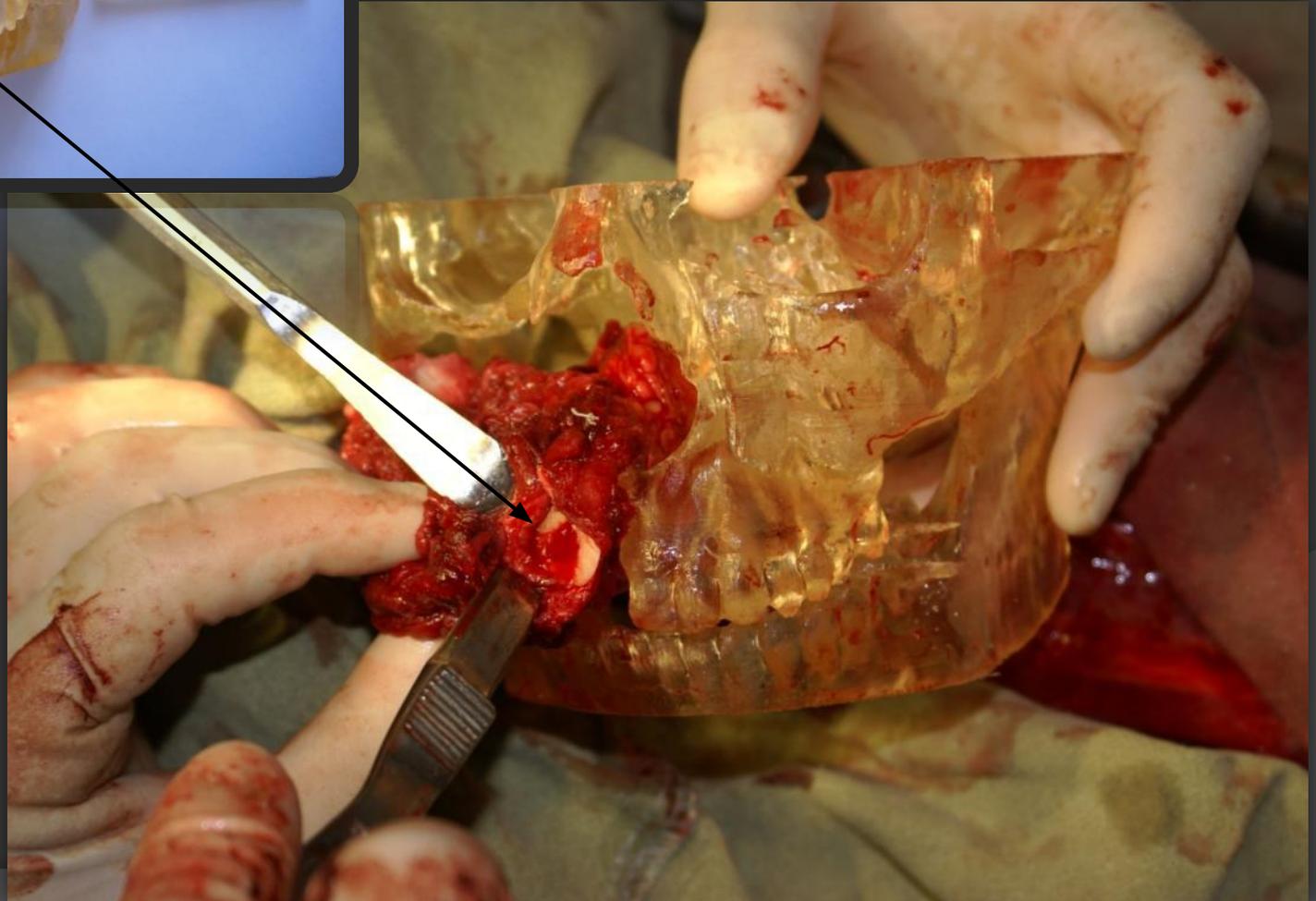
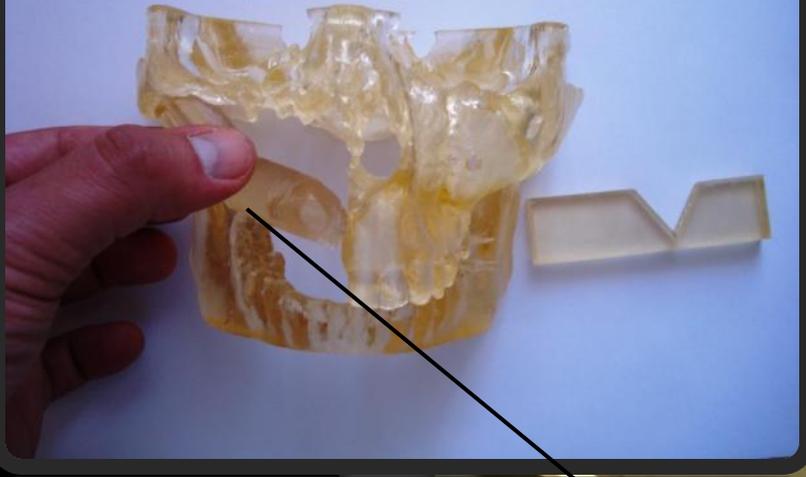
В ОПЕРАЦИОННОЙ



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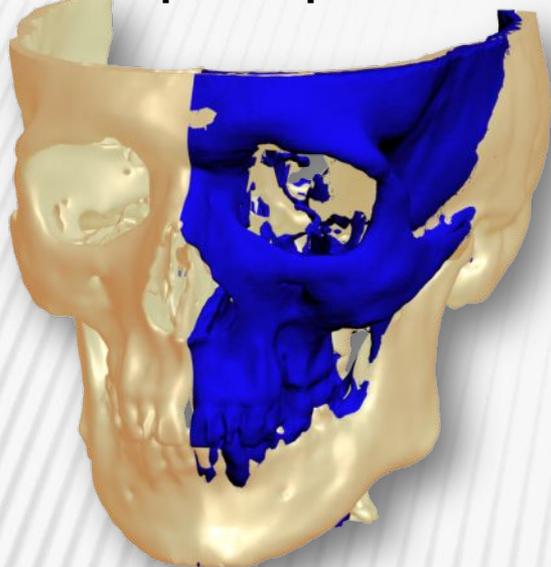
После операции



КЛИНИЧЕСКИЙ ПРИМЕР



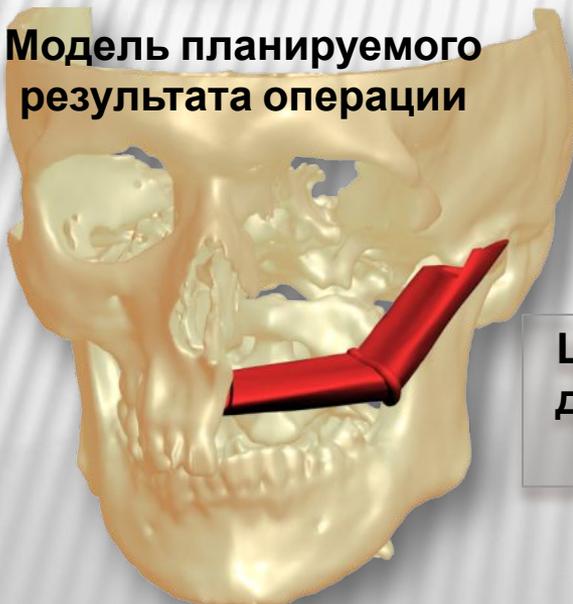
Начало проектирования



До операции

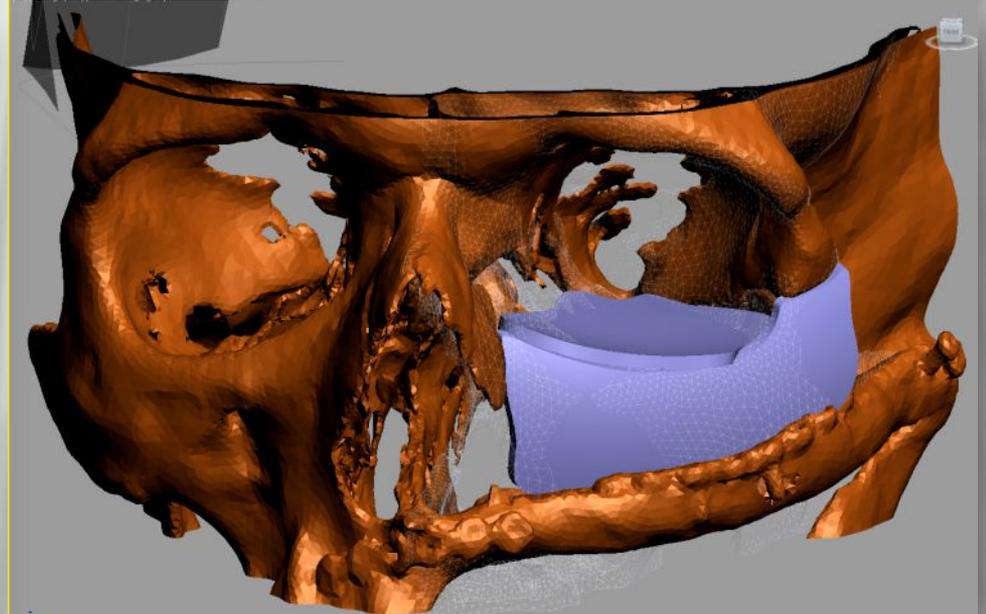
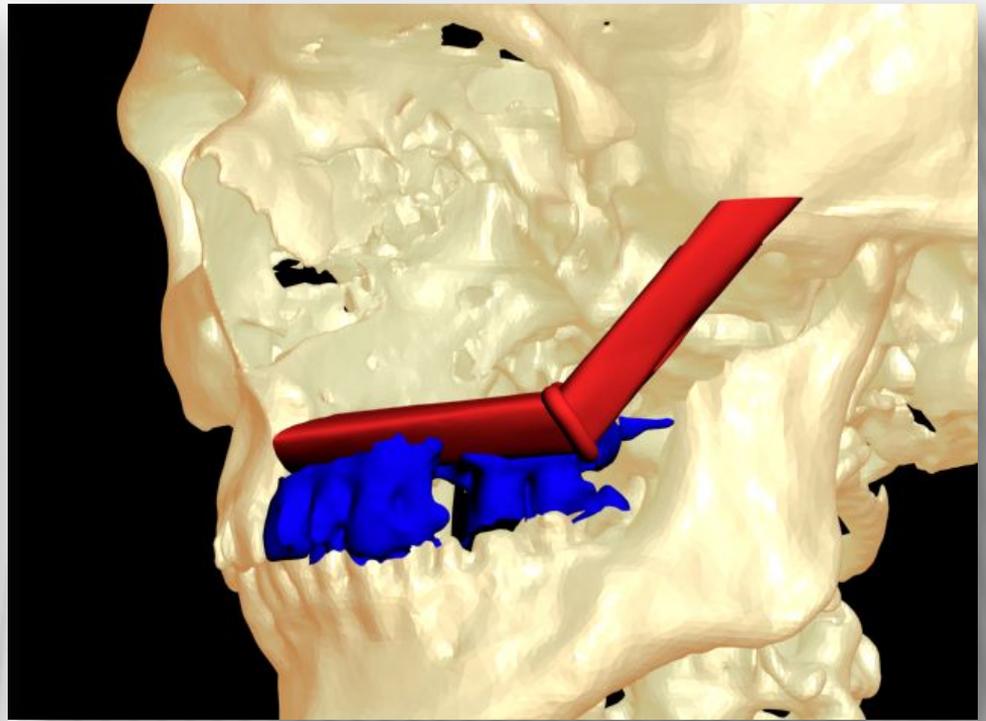
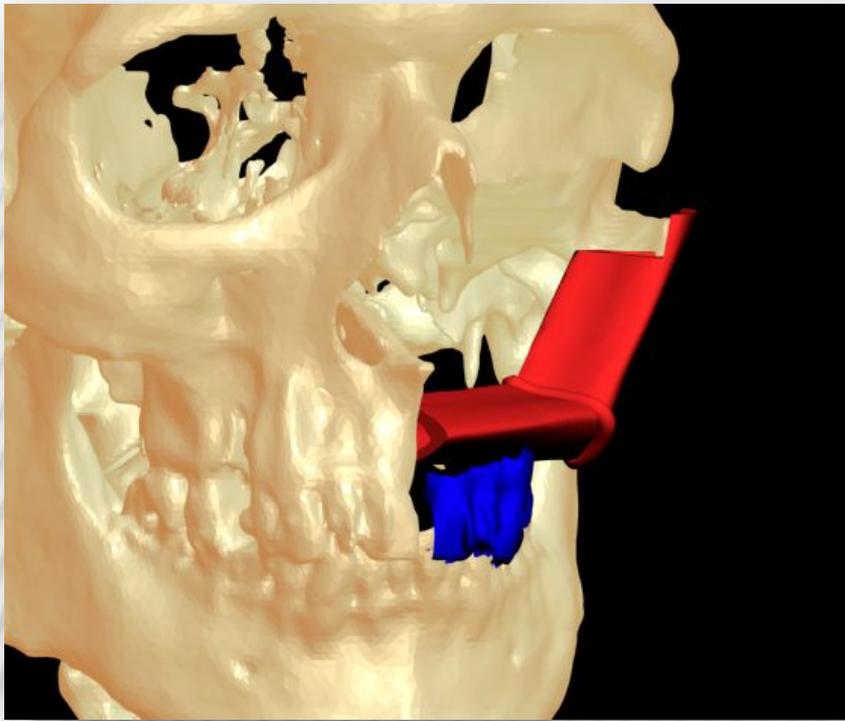


Модель планируемого результата операции

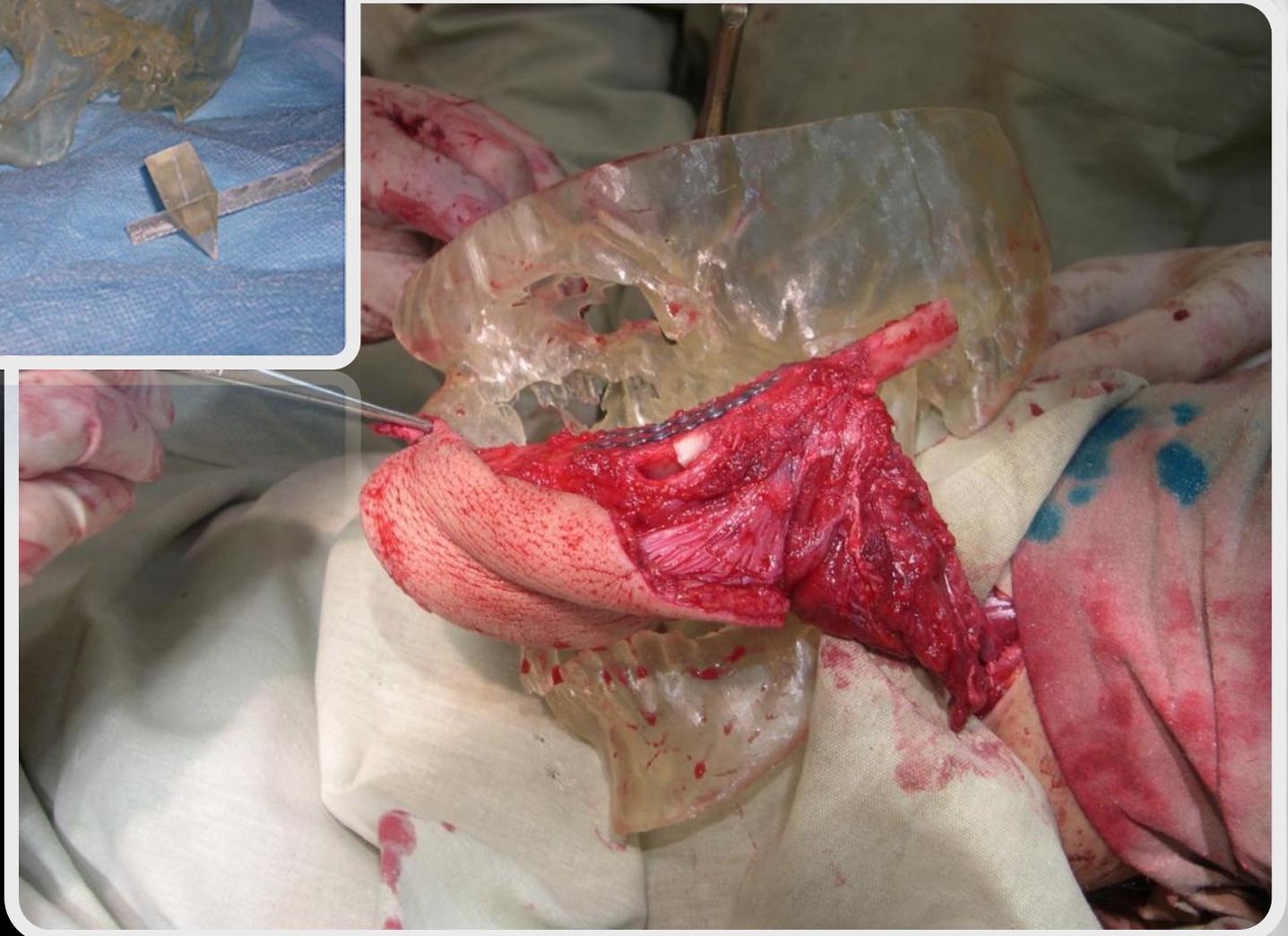
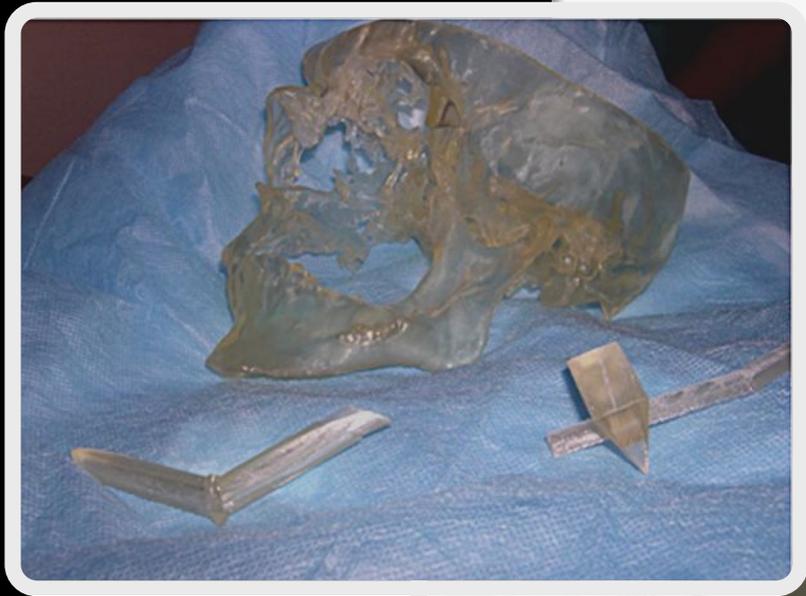


Шаблоны для резки и сборки

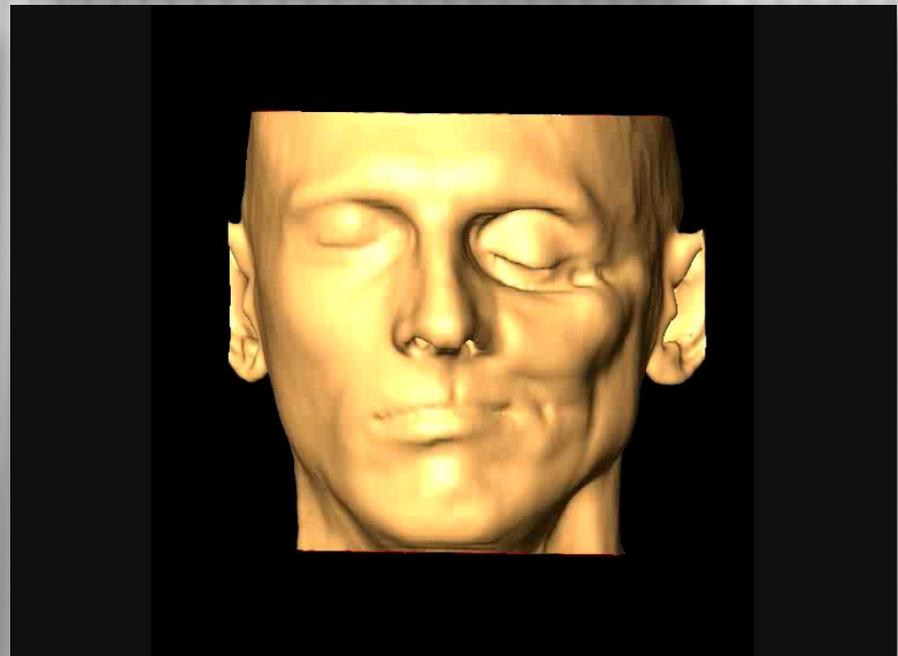
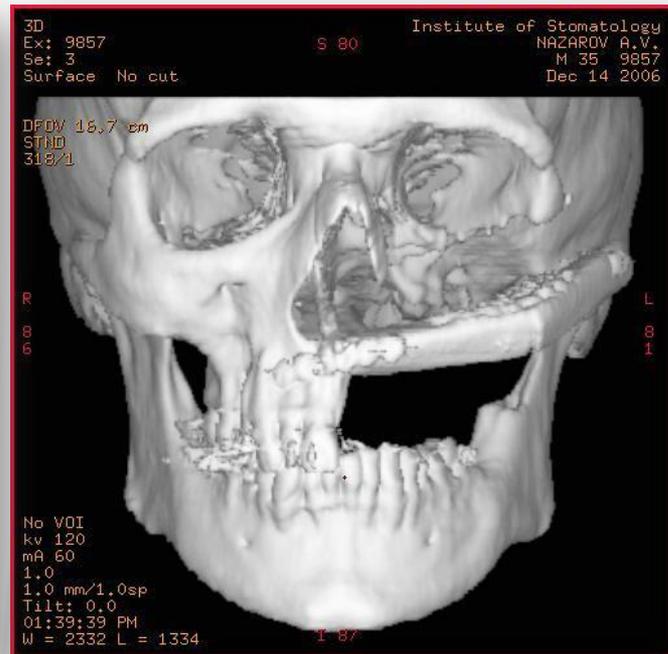
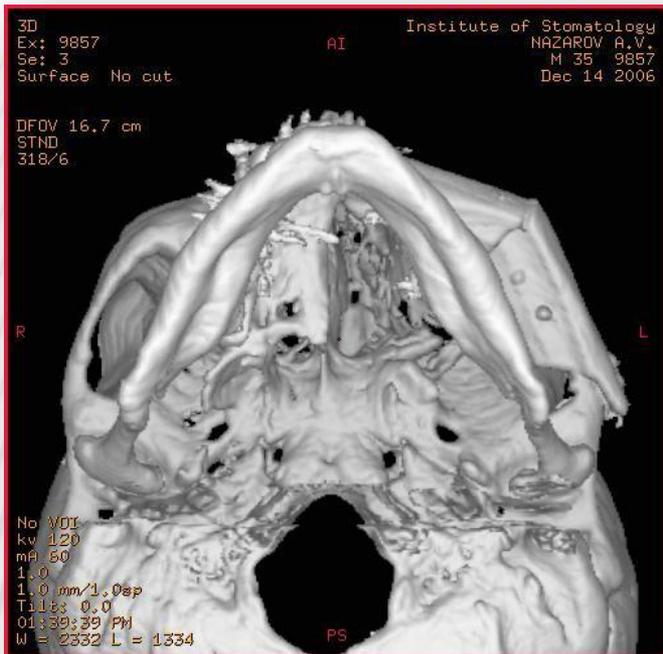




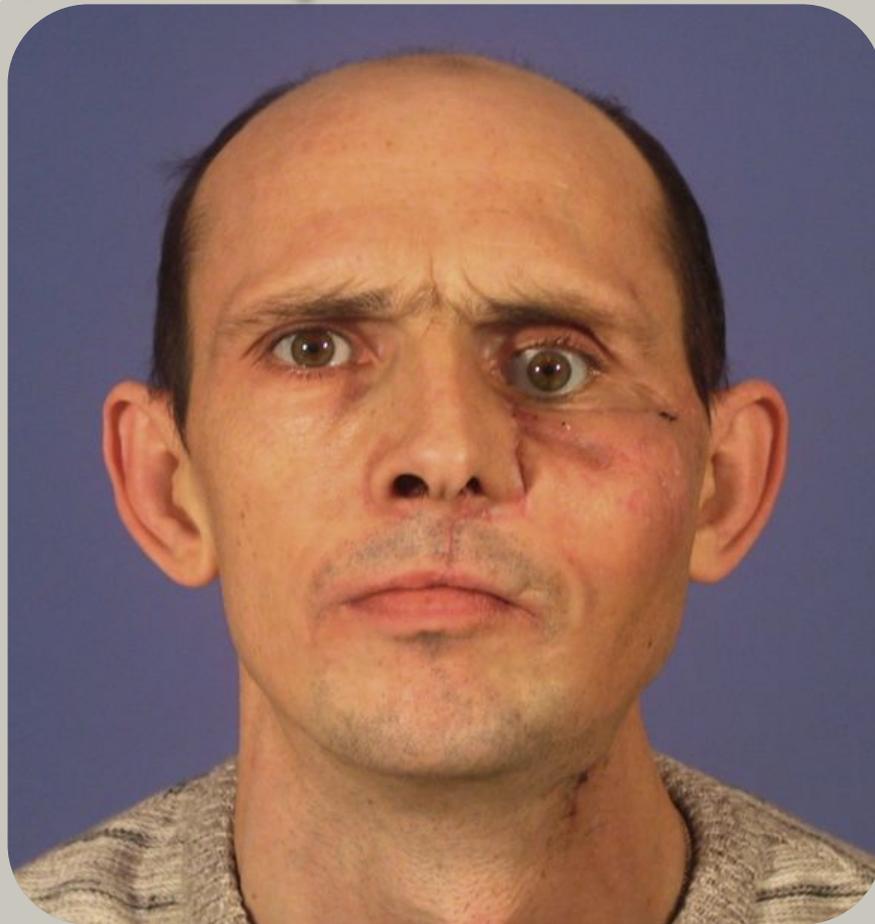
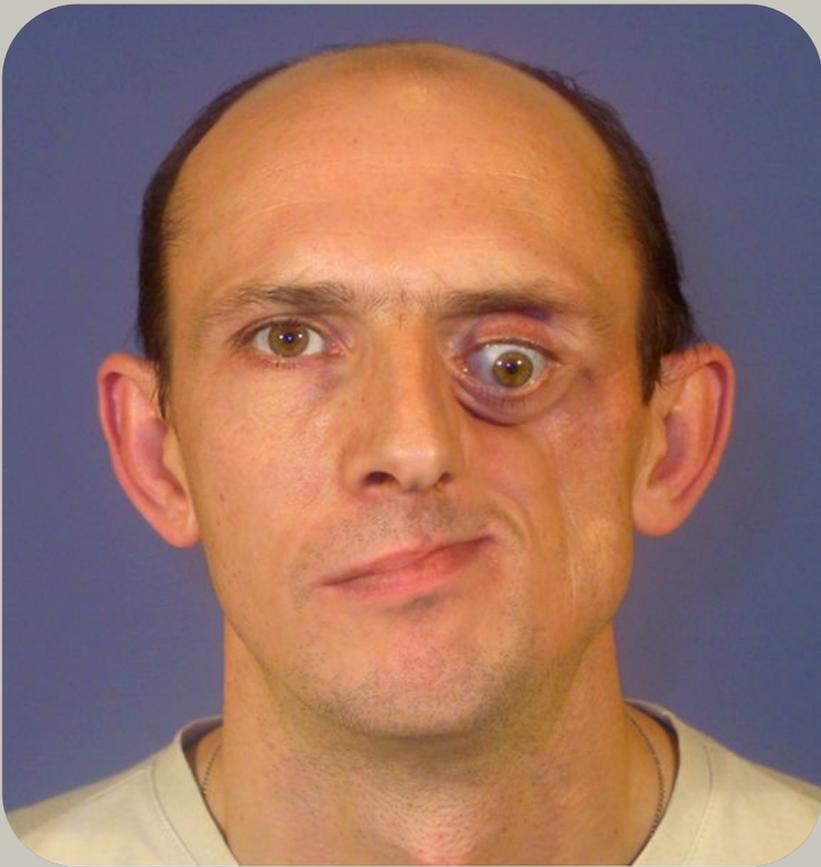
В ОПЕРАЦИОННОЙ



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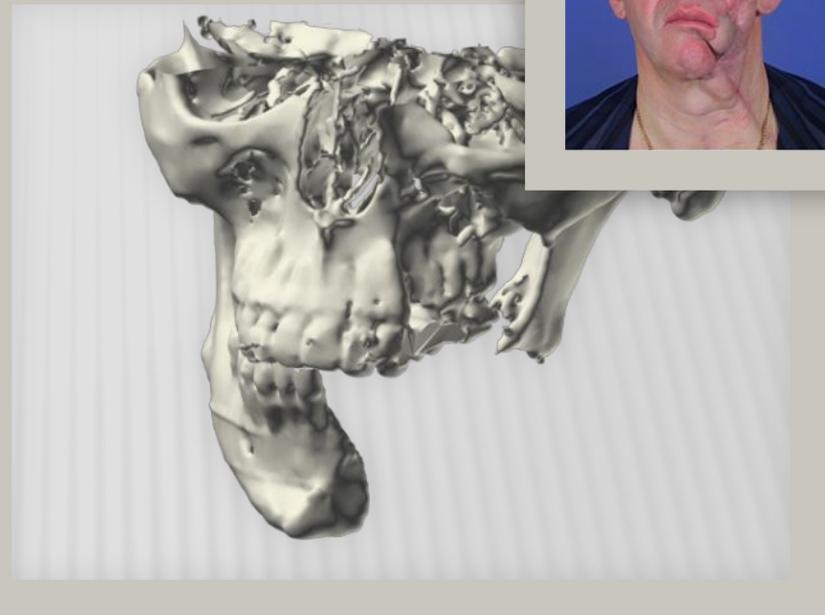
**ДО И СПУСТЯ
2 НЕДЕЛИ ПОСЛЕ
ОПЕРАЦИИ**



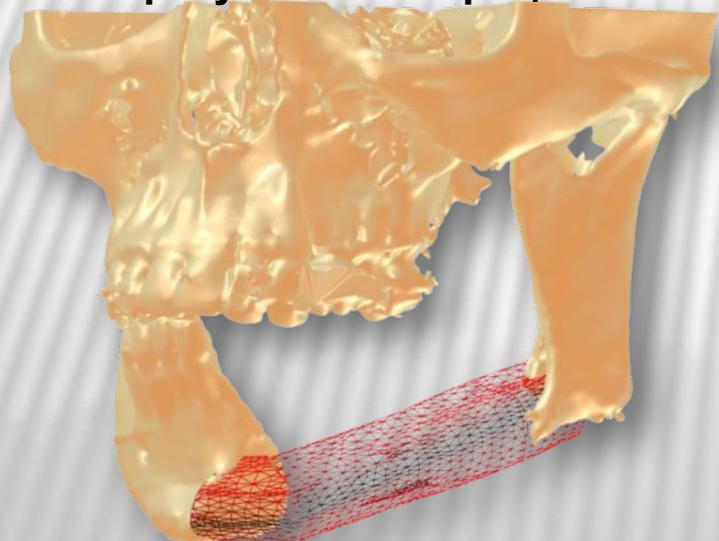
КЛИНИЧЕСКИЙ ПРИМЕР

Начало проектирования

До операции



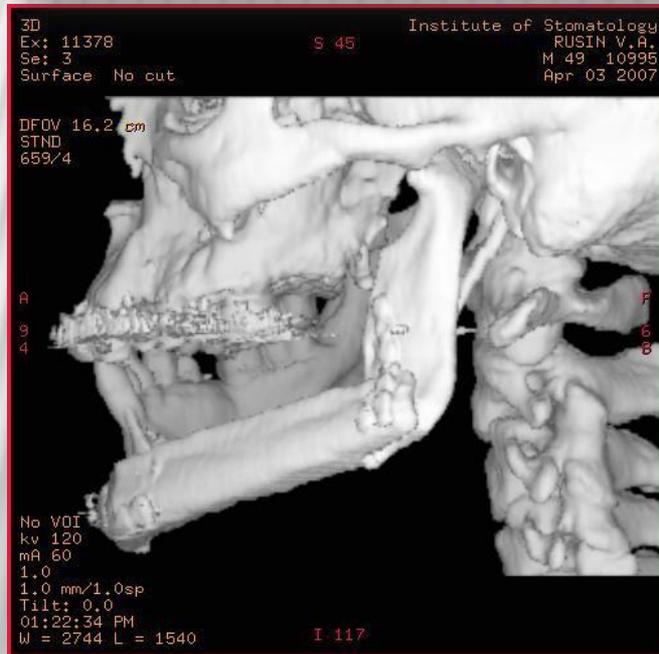
Модель планируемого
результата операции



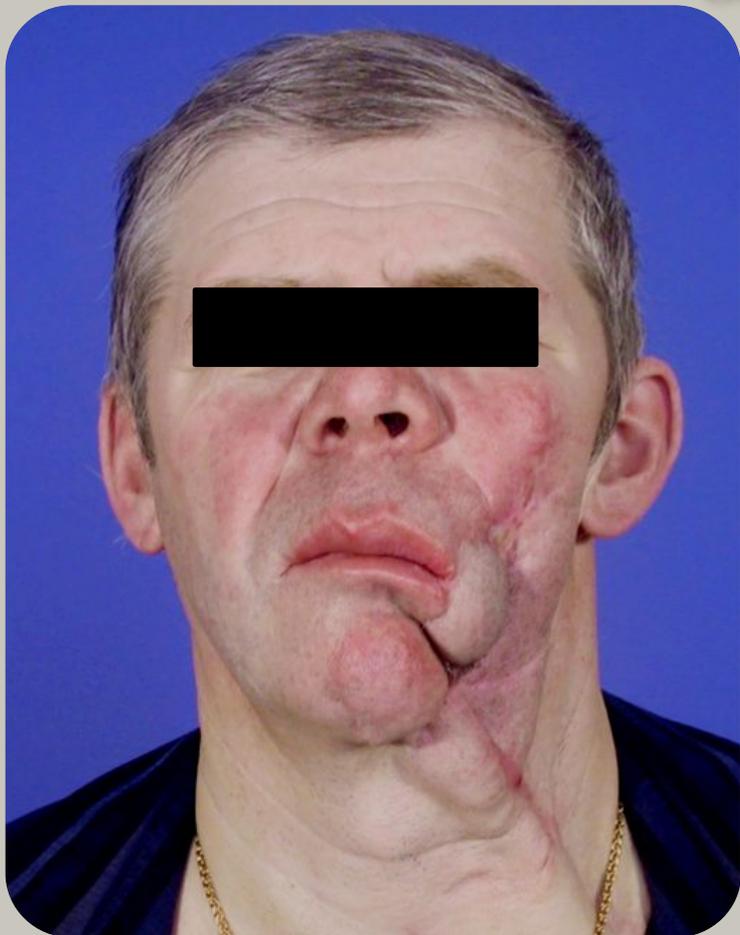
Шаблоны для
резки и
сборки

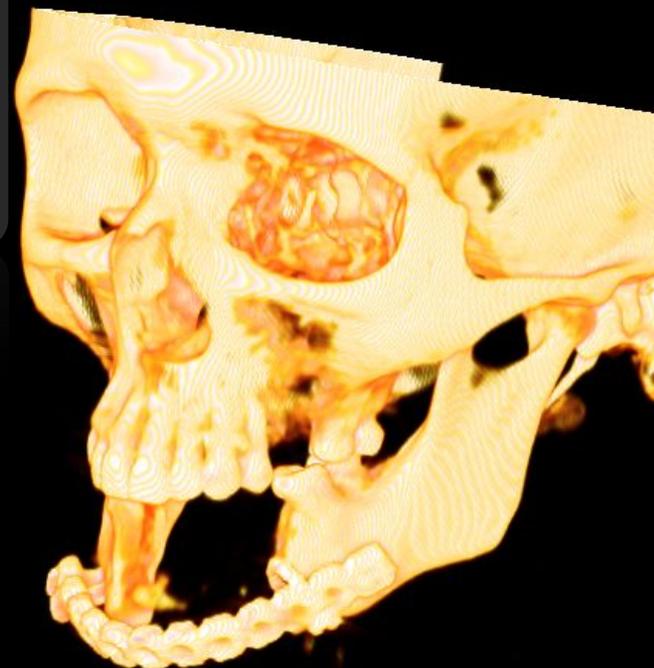
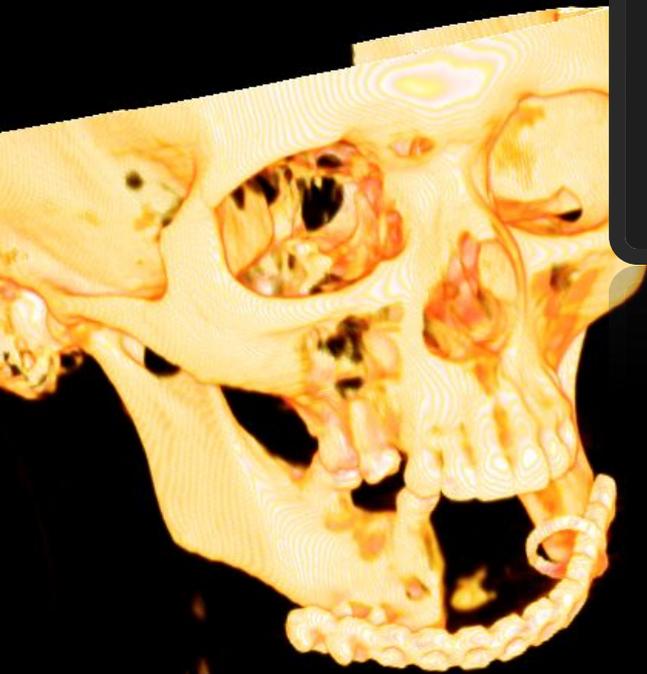
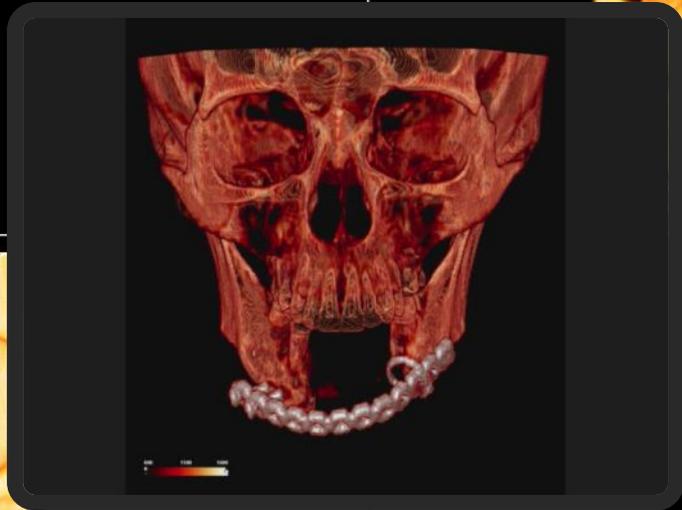
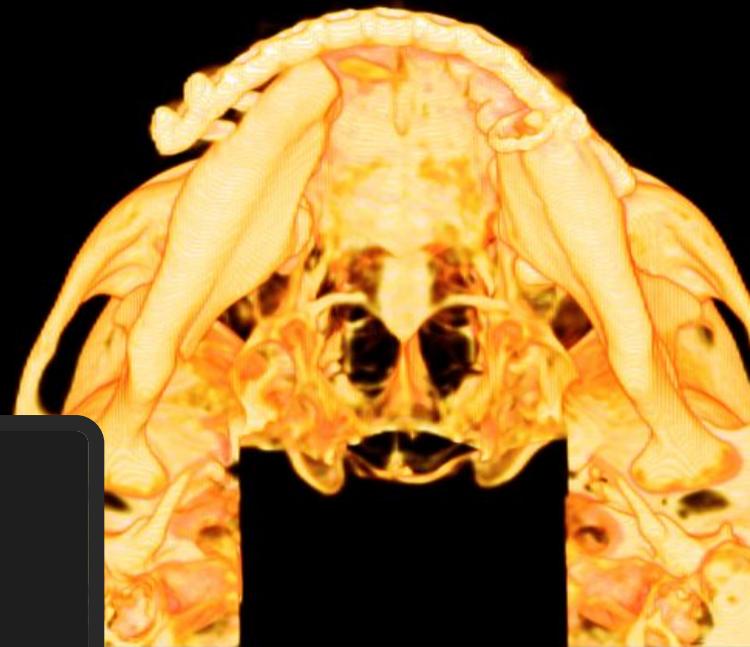
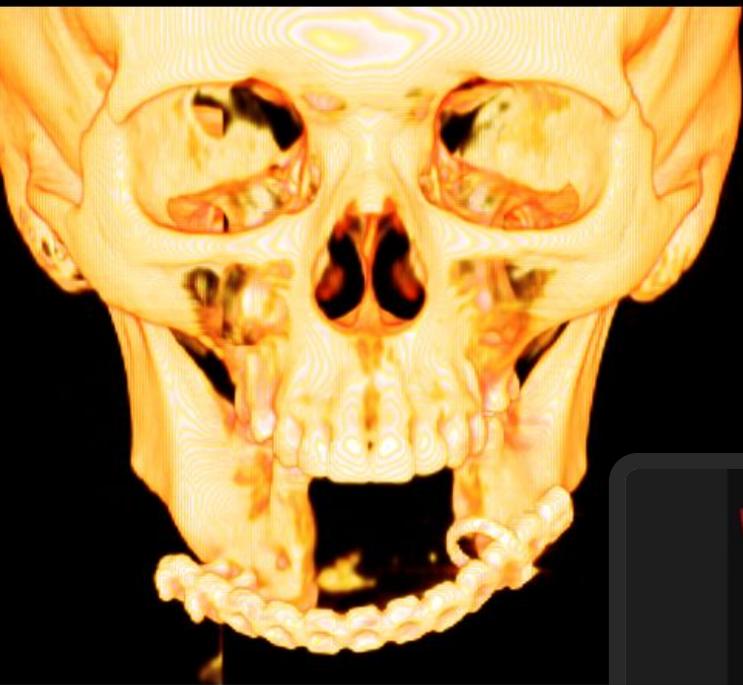


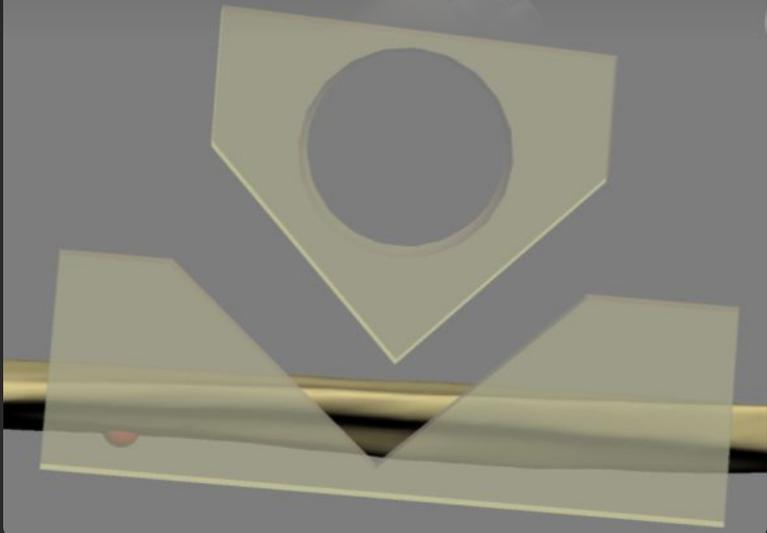
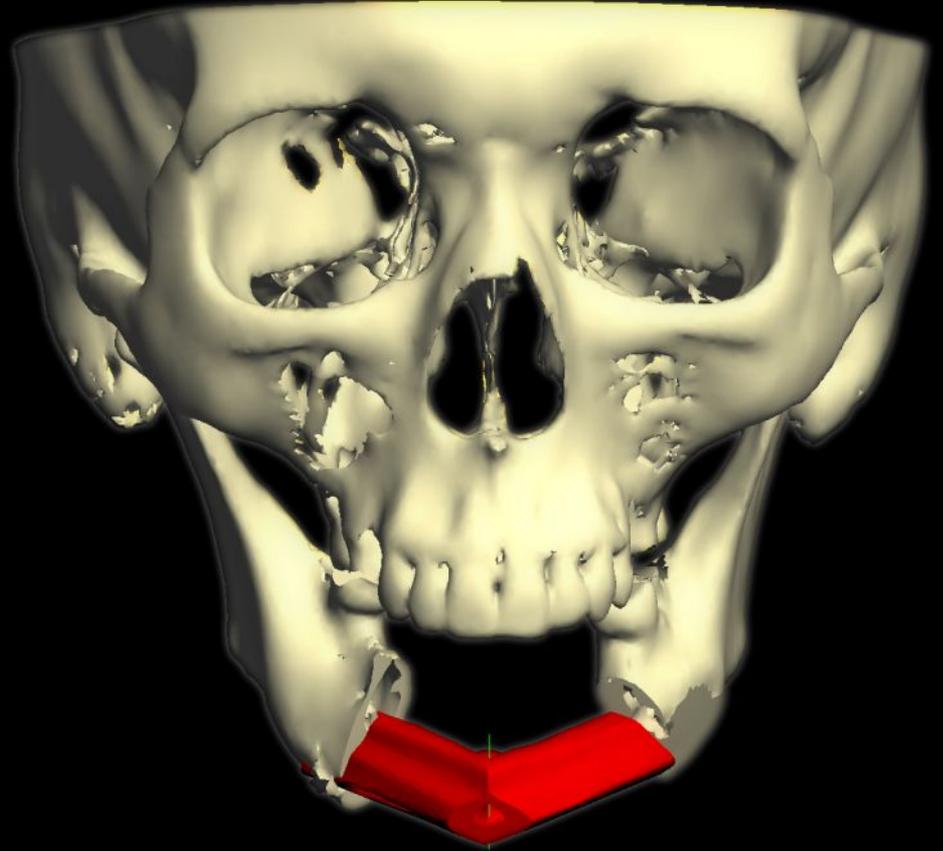
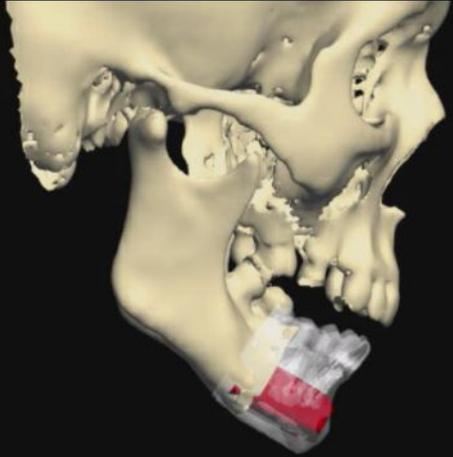
РЕ ЗУ ЛЬ ТА Т



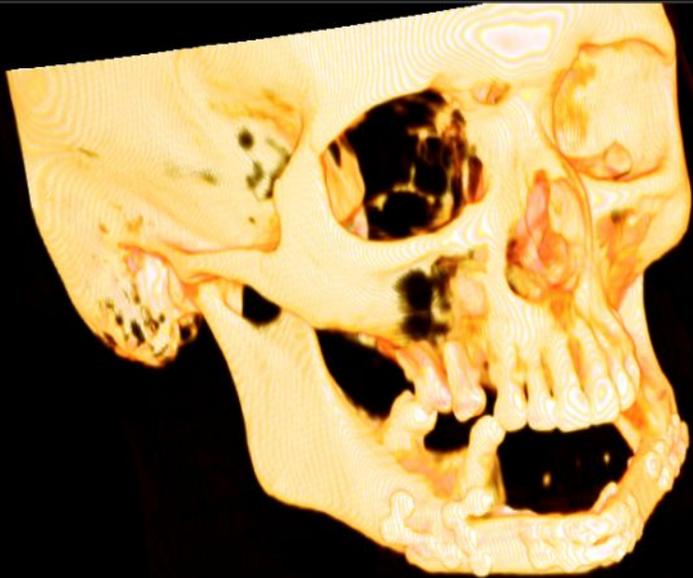
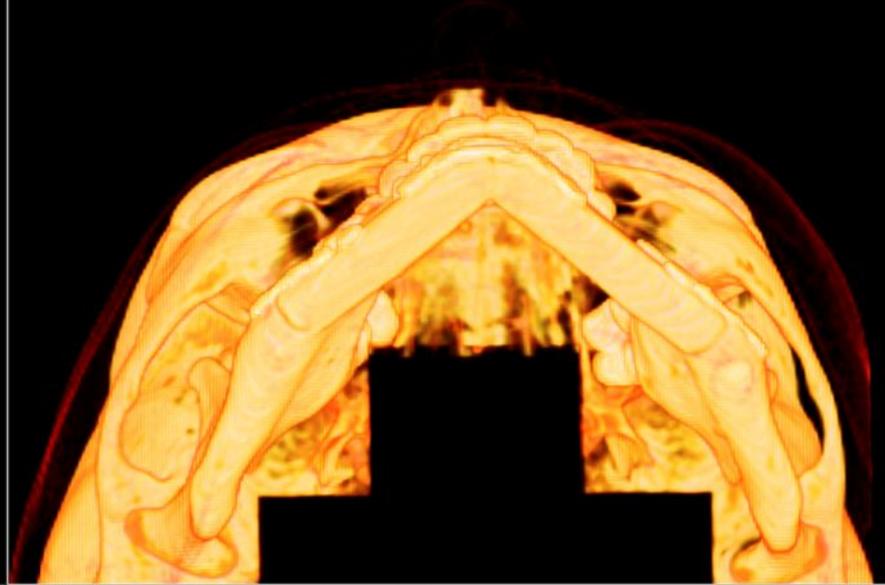
**ДО
И СПУСТЯ 2
НЕДЕЛИ ПОСЛЕ
ОПЕРАЦИИ**





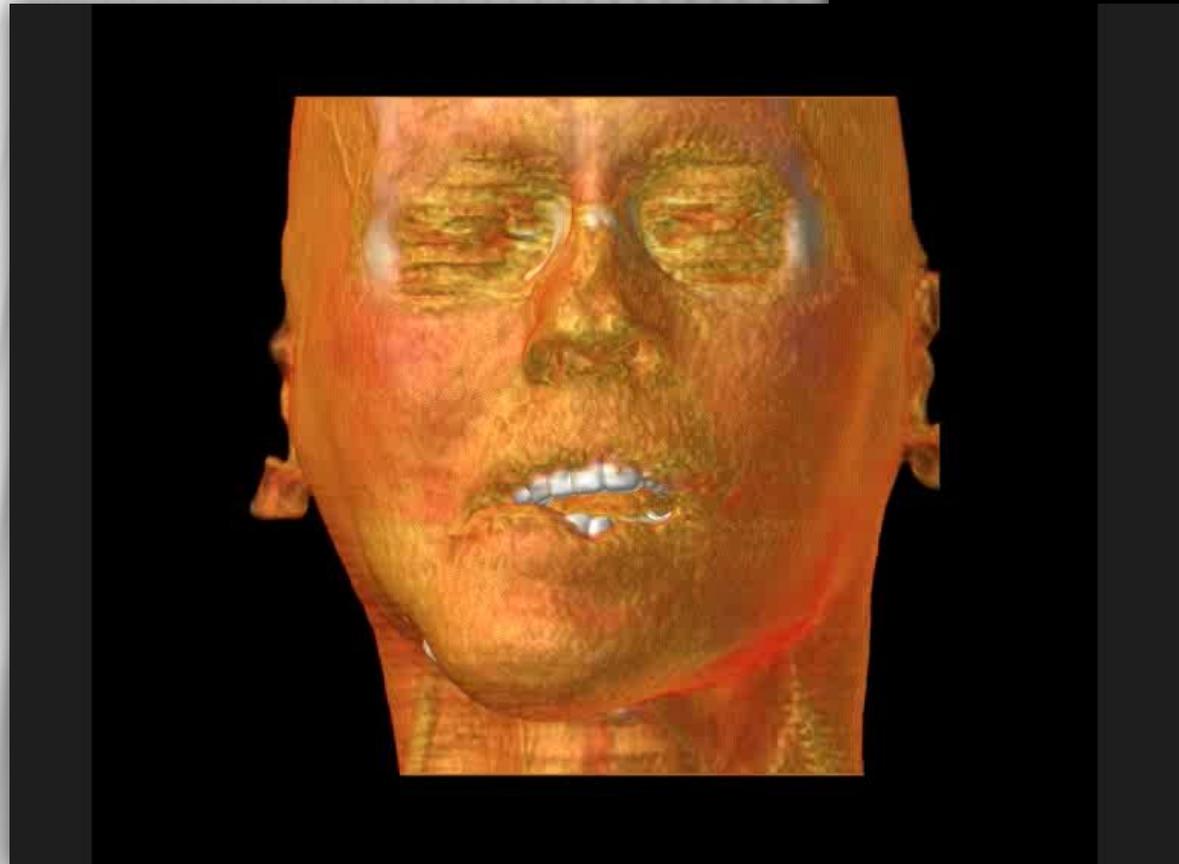


После операции



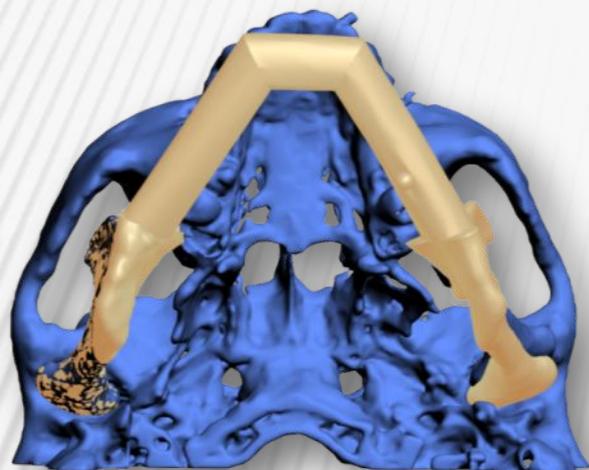
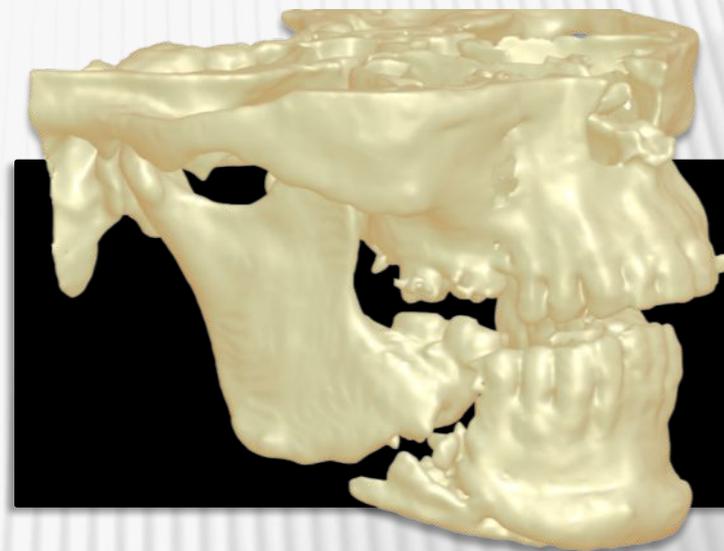


КЛИНИЧЕСКИЙ ПРИМЕР

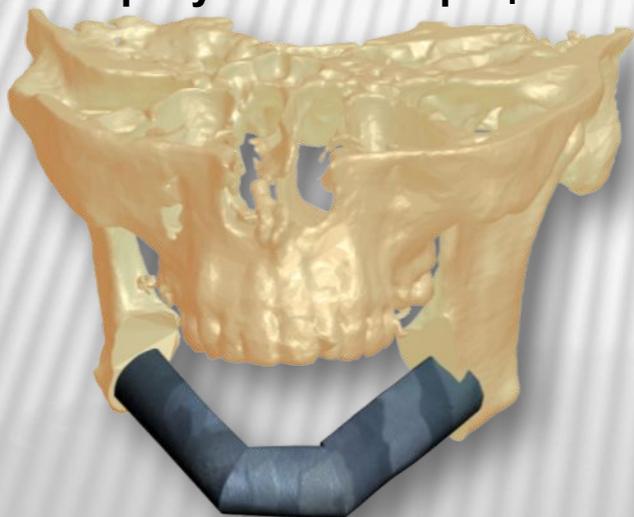


ЭТАП ПЛАНИРОВАНИЯ

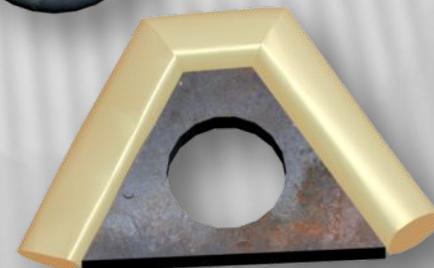
До операции



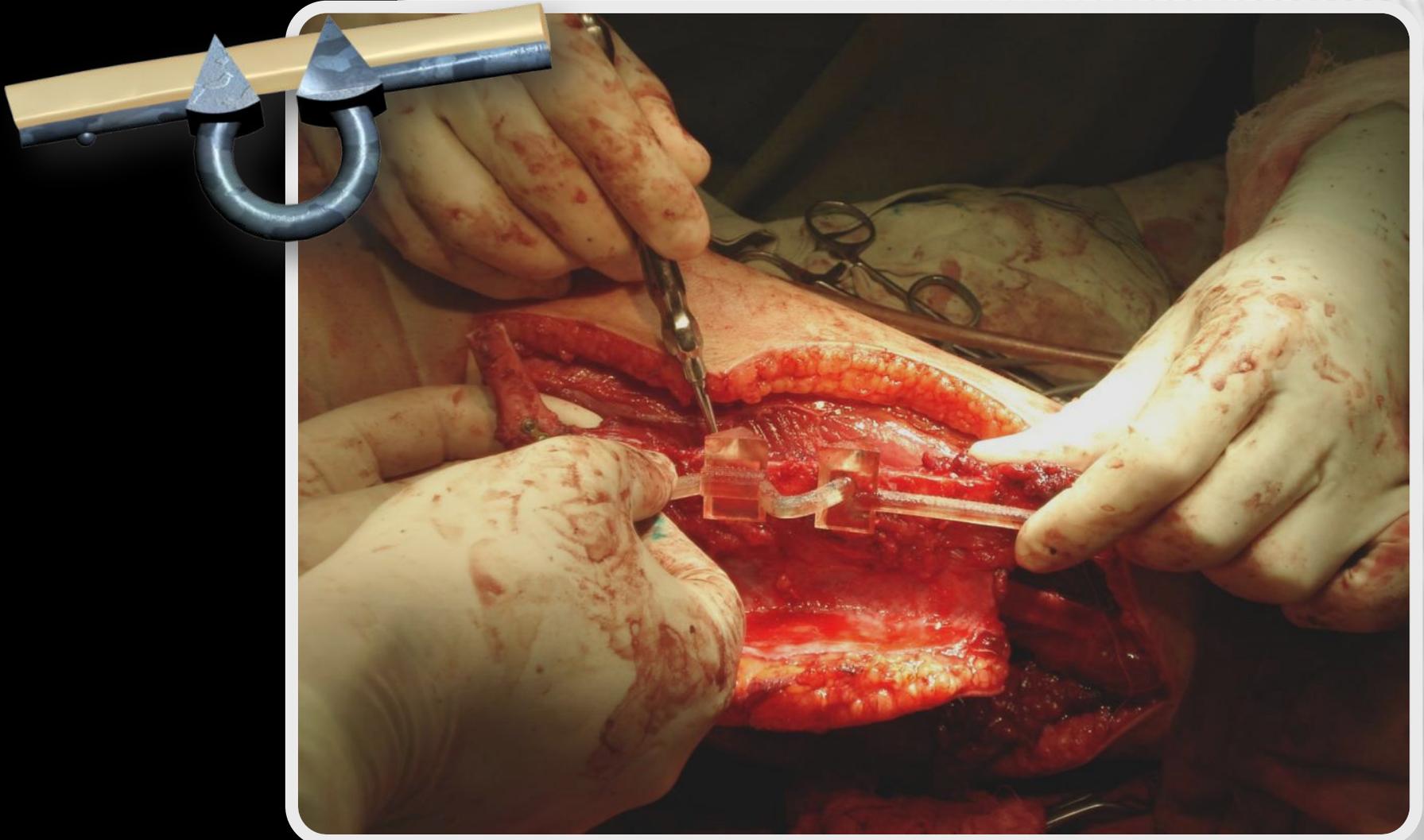
Модель планируемого
результата операции



Шаблоны
для резки и
сборки



В ОПЕРАЦИОННОЙ

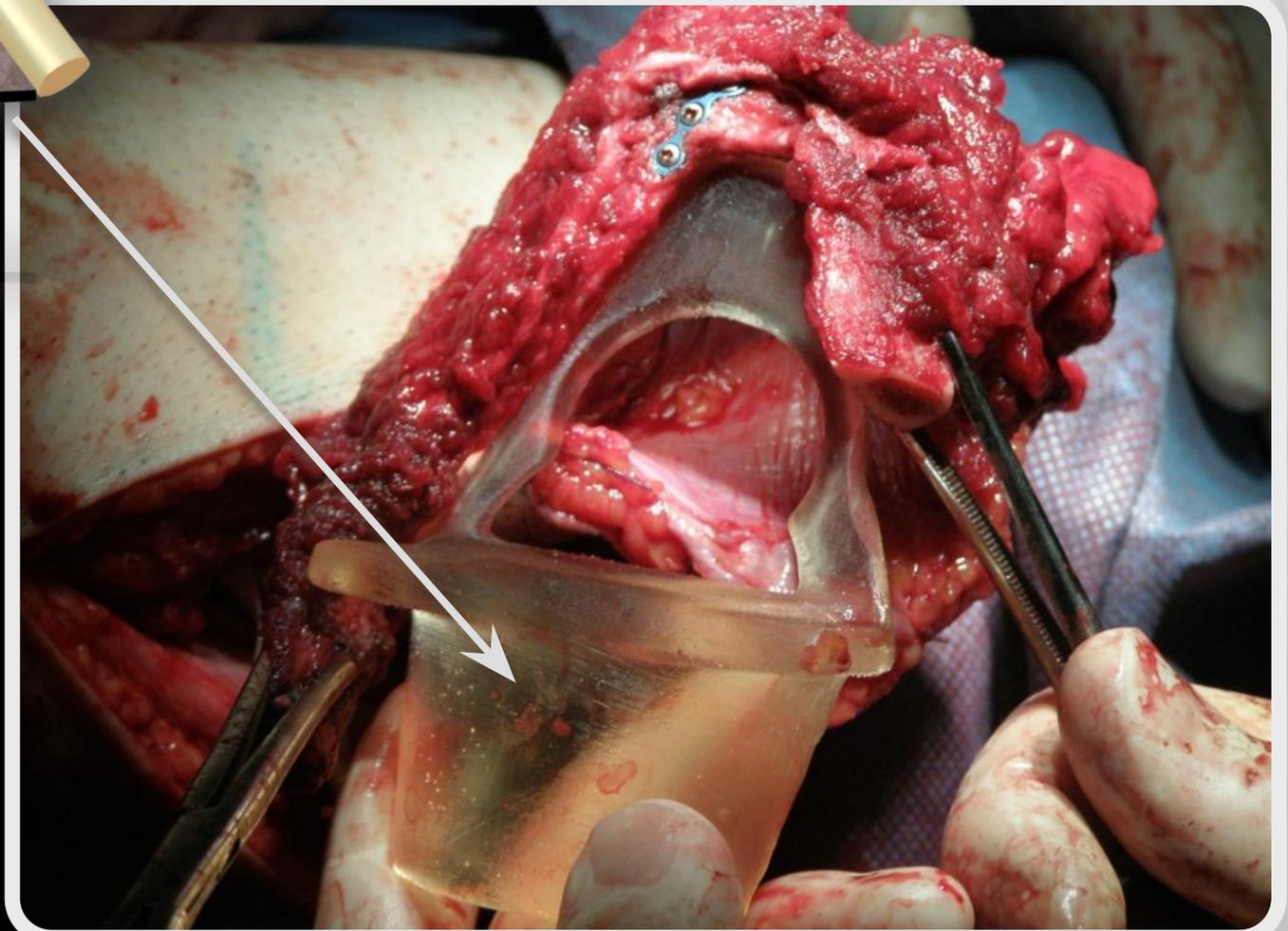


В ОПЕРАЦИОННОЙ



Сосудистая ножка

В ОПЕРАЦИОННОЙ

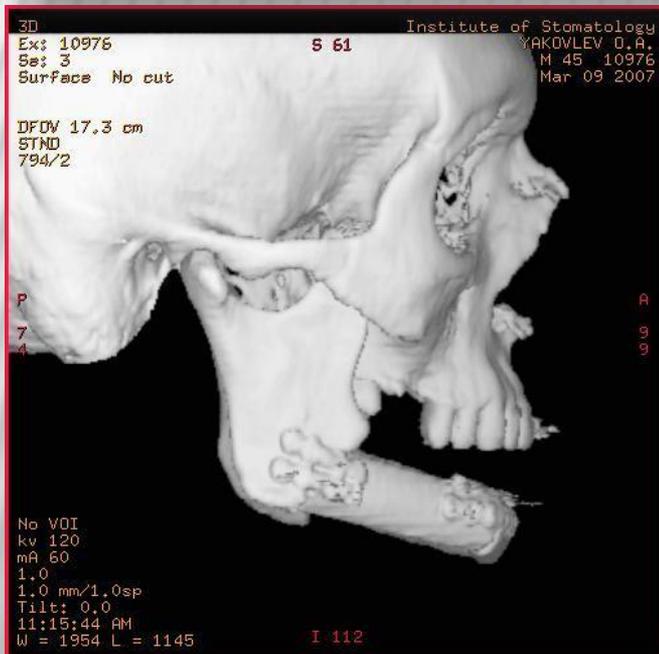
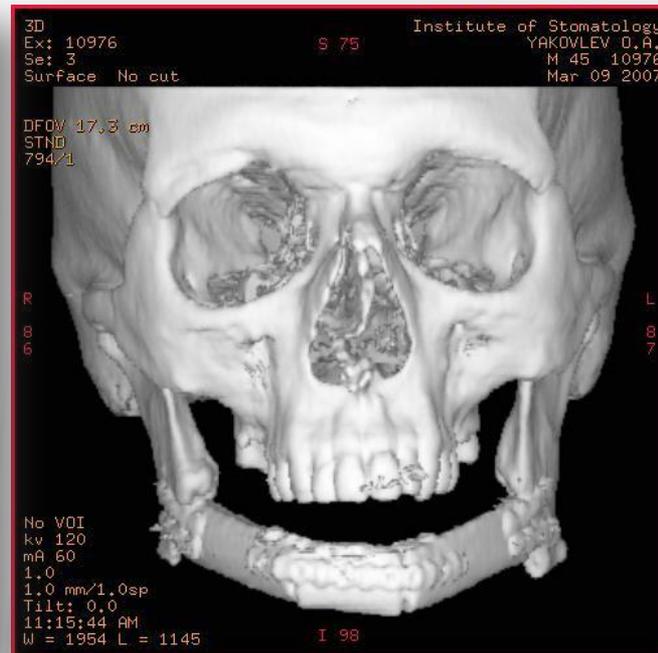


В ОПЕРАЦИОННОЙ



ДЕЭПИДЕРМИЗАЦИЯ
ЦЕНТРАЛЬНОГО ОТДЕЛА
КОЖНОЙ ПЛОЩАДКИ

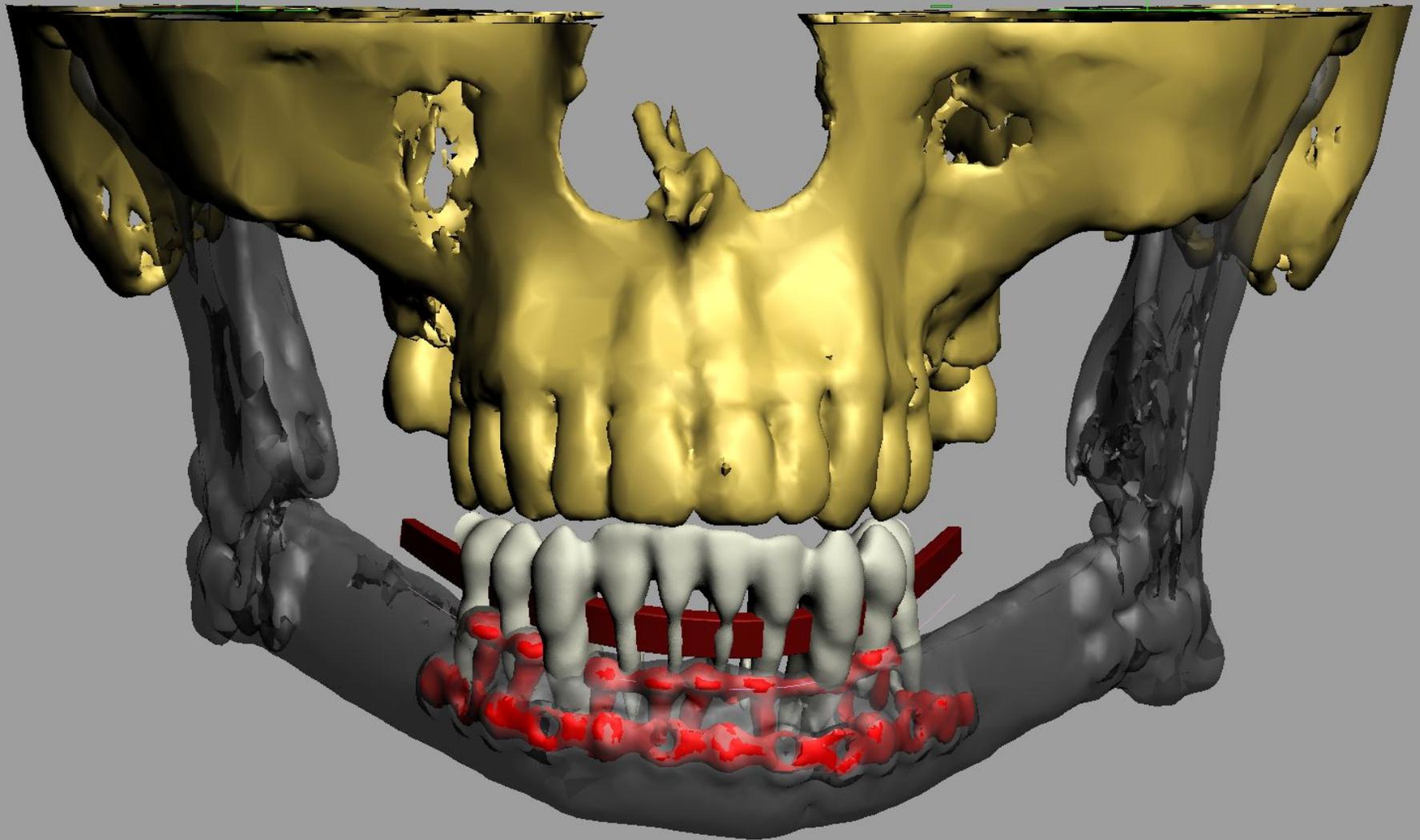
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ПОСЛЕ ОПЕРАЦИИ



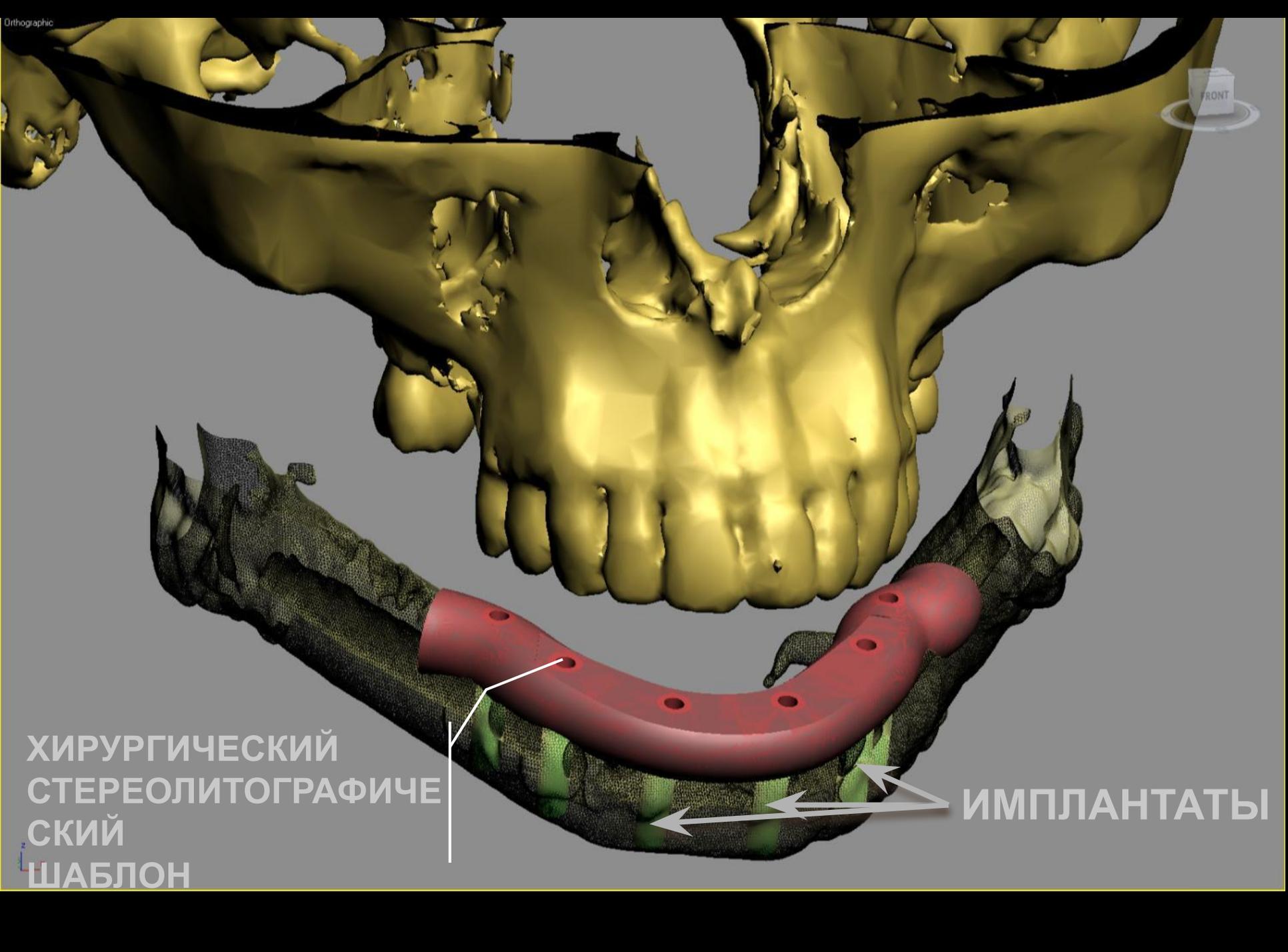
ПЛАНИРОВАНИЕ ИМПЛАНТАЦИИ

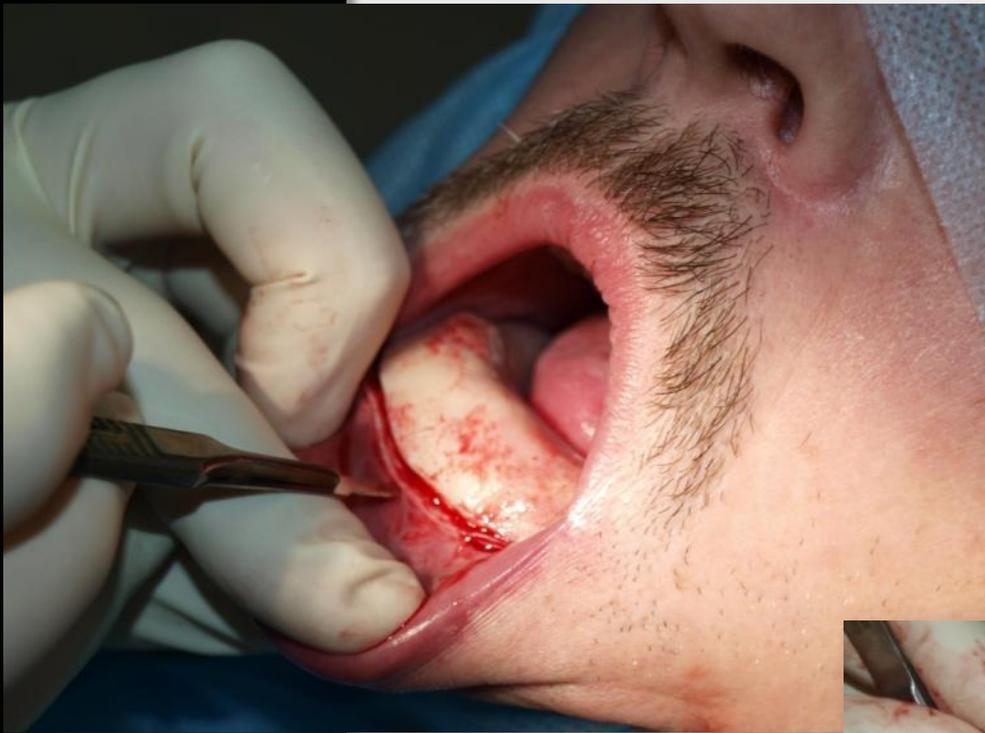


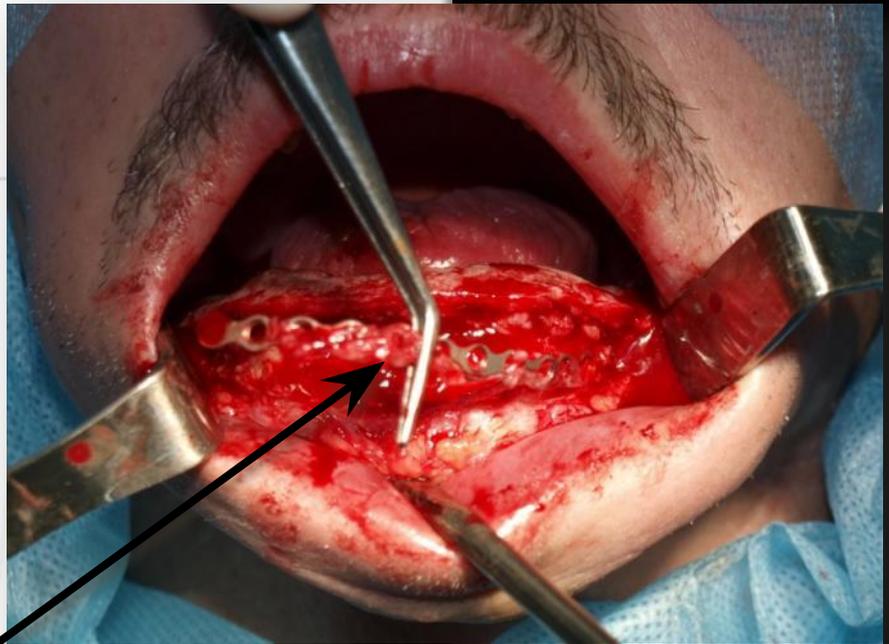


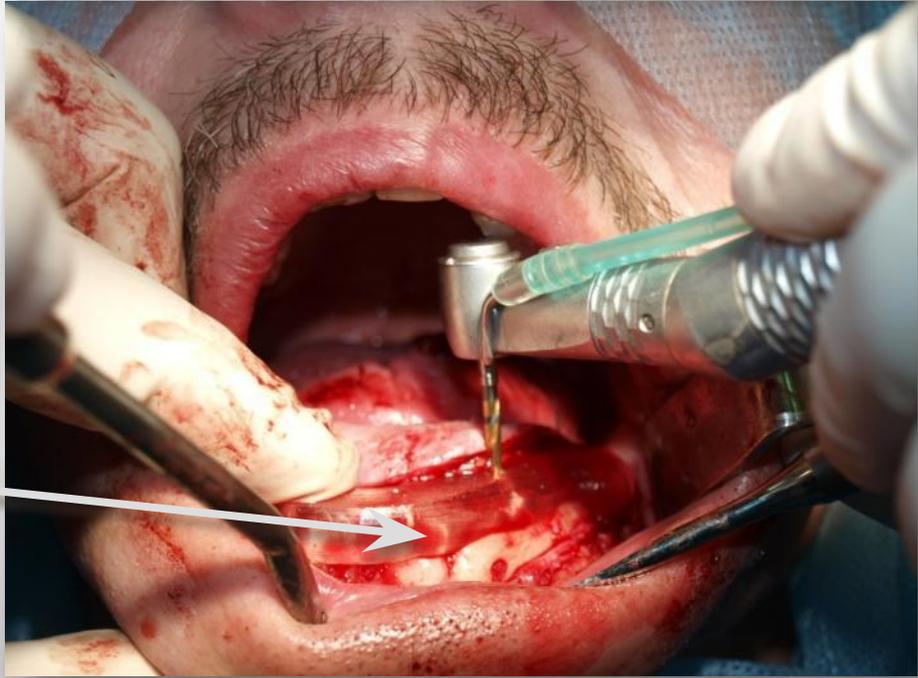
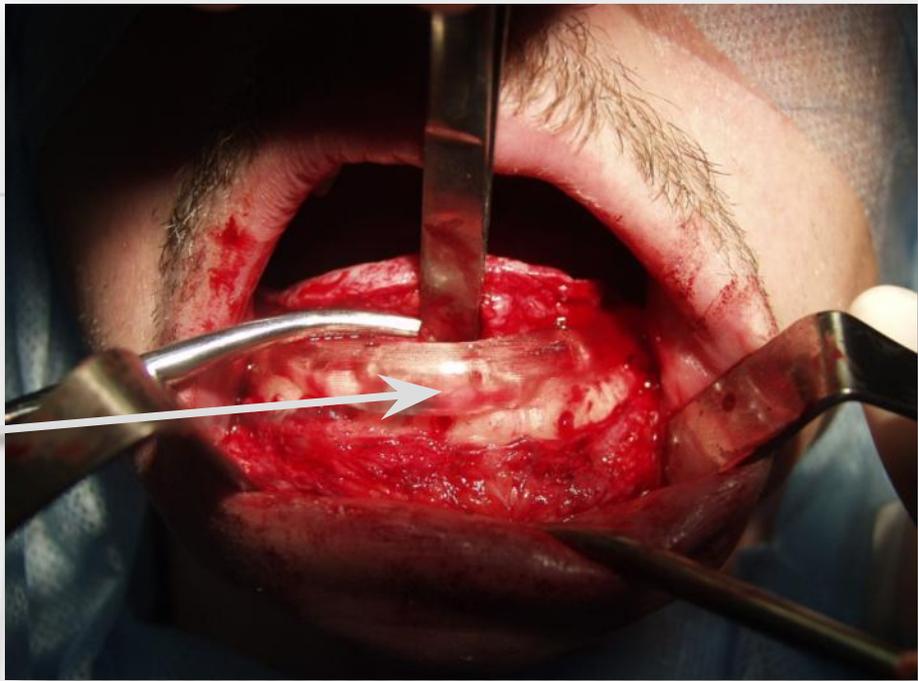
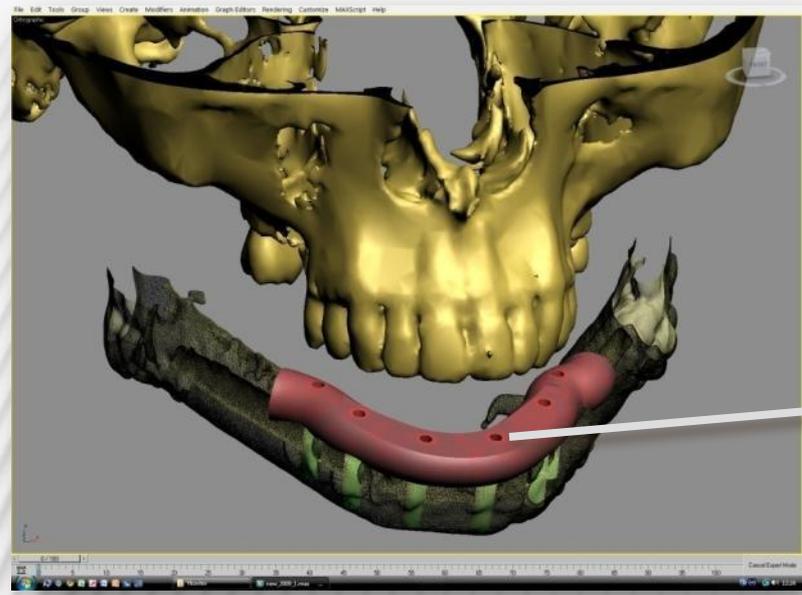
ХИРУРГИЧЕСКИЙ
СТЕРЕОЛИТОГРАФИЧЕ
СКИЙ
ШАБЛОН

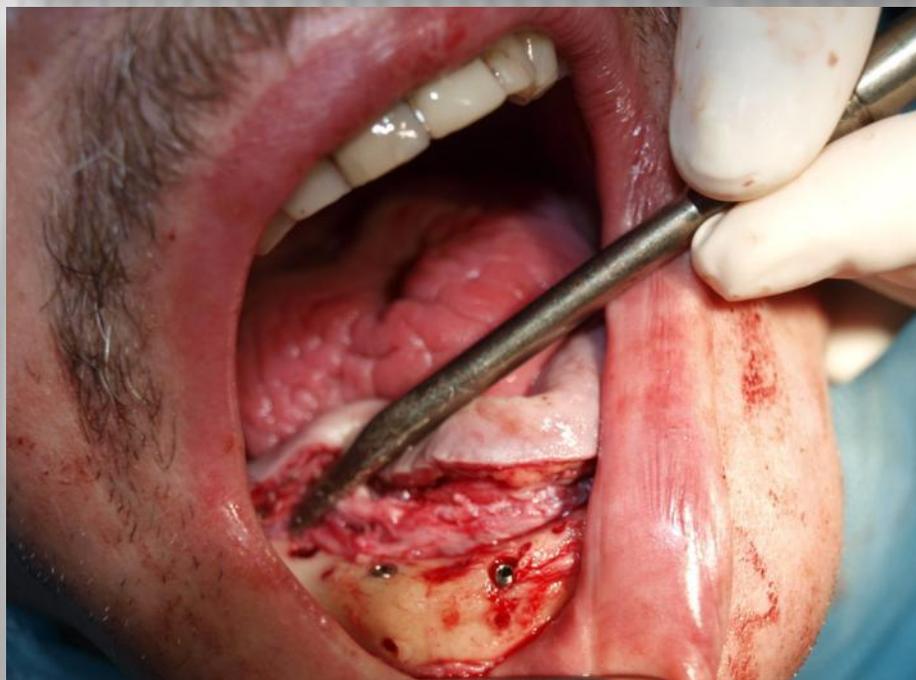
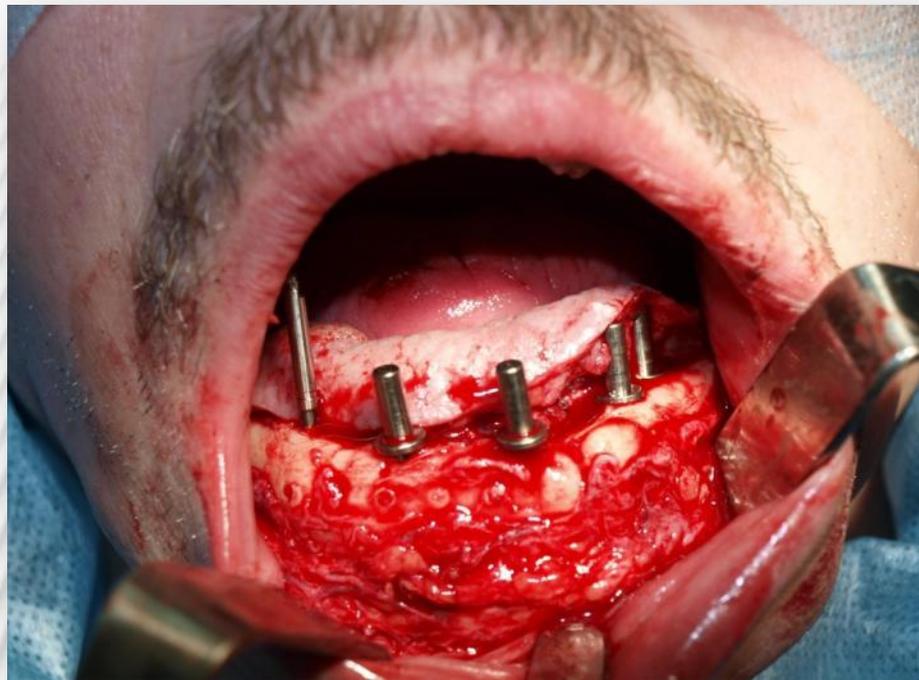
ИМПЛАНТАТЫ

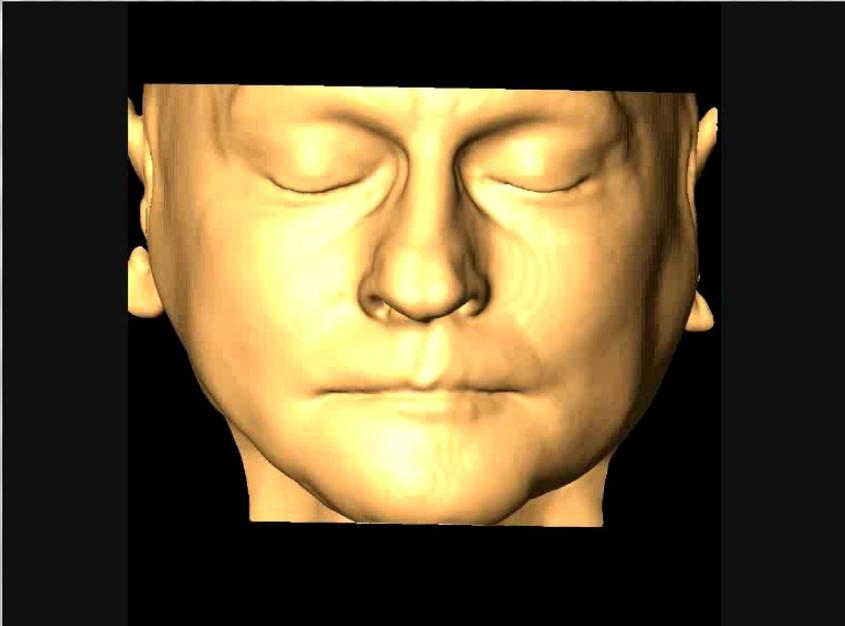


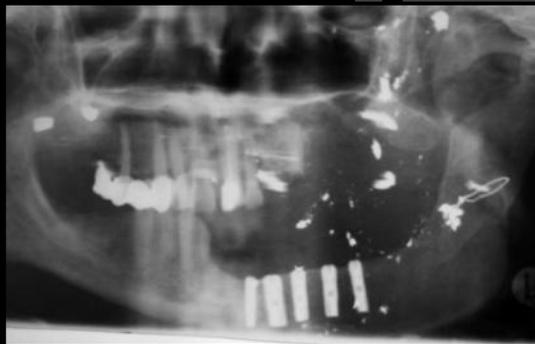












ПАЦИЕНТ А.

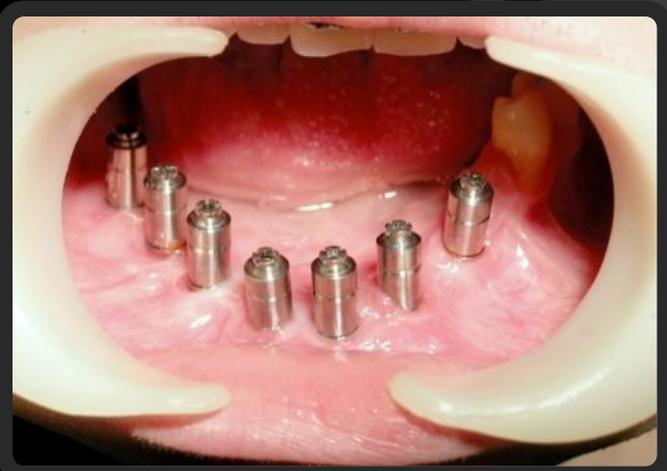
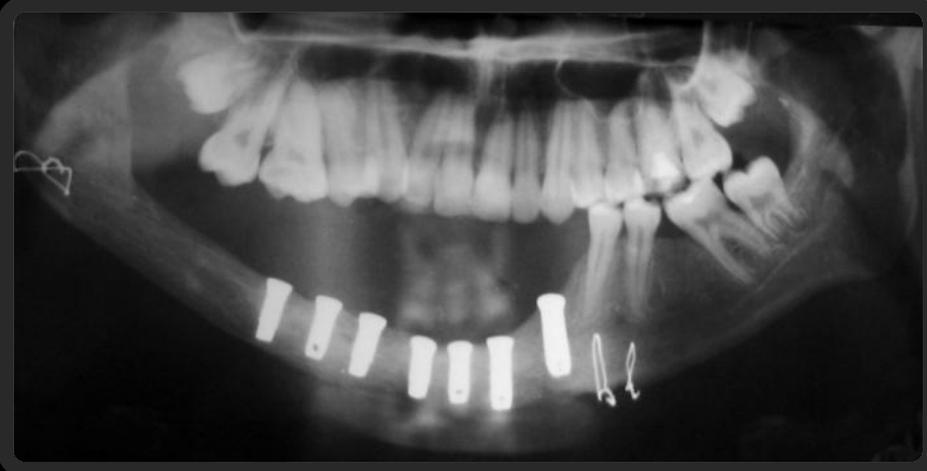




ПАЦИЕНТ 3.



ПАЦИЕНТ 3.



ПАЦИЕНТ И.



ПАЦИЕНТ И.



ФГУ ЦНИИС и ЧЛХ

Москва

МОСКВА



**Кулаков А.А.
Гветадзе Р.Ш.
Вербо Е.В.
Буцан С.Б.
Перфильев С.А.
Хохлачев С.Б.**

**ХОХЛАЧЕВ С.Б.
ПЕРФИЛЬЕВ С.А.
БУЦАН С.Б.**

**СПАСИБО
ЗА
ВНИМАНИЕ**