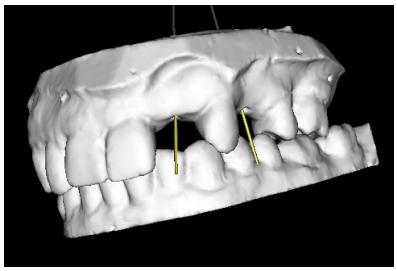
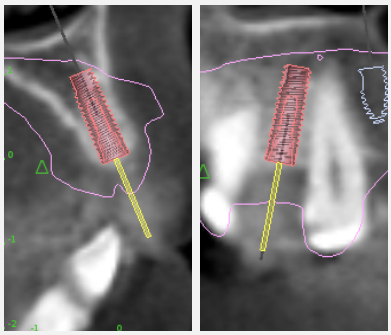
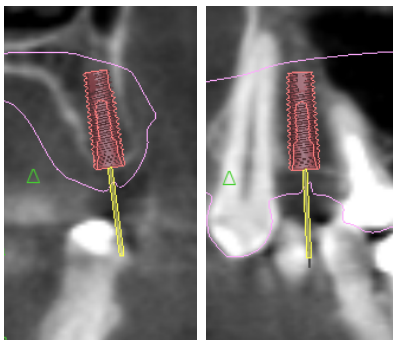
Tooth #10,12, using the ThinLayer® Guide



#10 and #12 sites planned in Blue Sky Plan, using 0.5 mm "abutments" to illustrate prosthetic trajectory. 3D view of articulated model shows relationship of prosthetic position to opposing arch and adjacent teeth.



#10 site planned in Blue Sky Plan, using 0.5 mm "abutment" to illustrate prosthetic trajectory. Cross-section view shows placement in bone and prosthetic relationship to opposing arch. Panoramic view shows relationship to adjacent teeth.



#12 site planned in Blue Sky Plan, using 0.5 mm "abutment" to illustrate prosthetic trajectory. Cross-section view shows placement in bone and prosthetic relationship to opposing arch. Panoramic view shows relationship to adjacent teeth.

NOTE the converging roots of teeth #'s 11,13, requiring accurate placement to avoid surgical complications.

ThinLayer® Tube Guide and disposable drill stop from Guided Surgery Solutions, based on the plan developed in Blue Sky Plan. BioCut drill from Blue Sky Bio.

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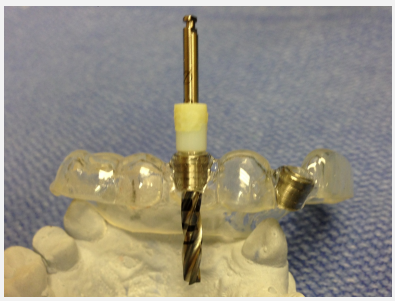
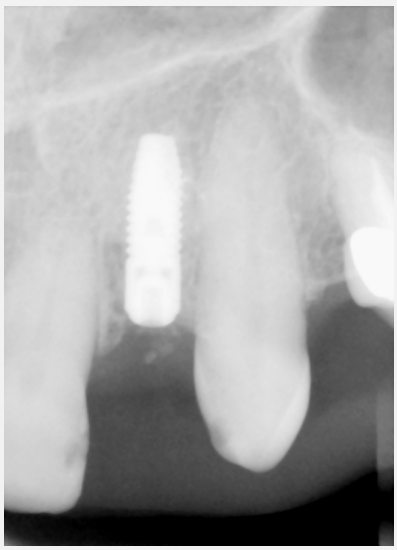
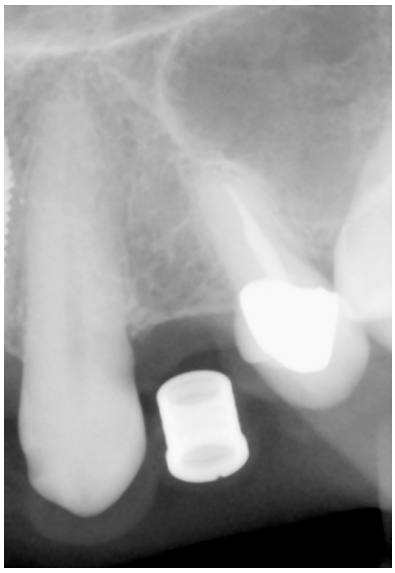


Outer diameter of the first stage of the drill stop matches the inner diameter of the tubes in the ThinLayer® Guide. The tube is set at a predetermined height above the implant platform in order for the drill to stop at the osteotomy depth determined in Blue Sky Plan.

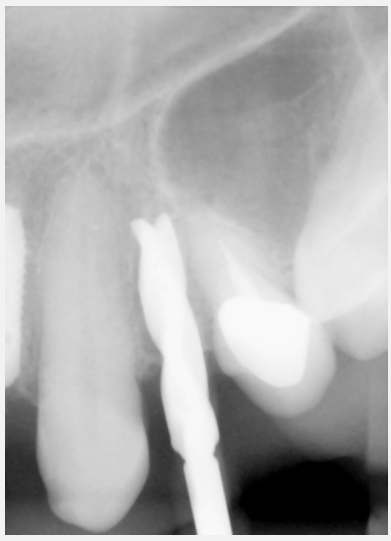
Tooth #10, prior to extraction



Tooth #10, implant placed



Tooth #12 site with ThinLayer® Tube Guide, illustrating the planned trajectory



Tooth #12 site with drill inserted through ThinLayer® Tubeless Guide into osteotomy.

NOTE the accurate placement closely correlating with the software based surgical plan

Tooth #12 implant placed through ThinLayer® Tubeless Guide, in line with planned trajectory.

Avoiding the maxillary sinus and adjacent teeth is crucial to a successful procedure, as demonstrated here.