

ADEA Corporate Feature Webinar

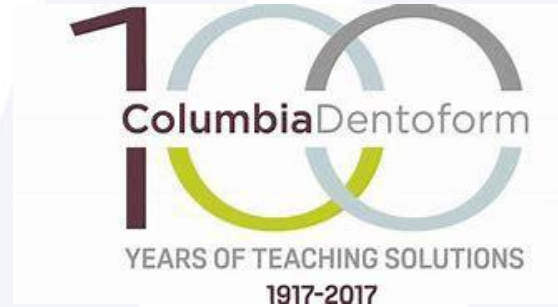
ADEA

THE VOICE OF
DENTAL EDUCATION

DENTALEZ

Nick Carter- Director Special Markets
Ncarter@dentalez.com

Advancement of Implant Placement Simulation



DENTALEZ

- Columbia Dentoform has been creating teaching aides for over 100 years.
- We work with the worlds top educators to develop teaching solutions that simulate conditions our future dental professionals will encounter in everyday practice
- Columbia manikins make student practice as realistic as possible
- Located in Lancaster, PA-American Made
- Recognized a need within the Universities to advance Implant Surgical Training that goes beyond a sawdust model.

Columbia Dentoform Implant Surgical Restorative Manikin



- Accurately simulated gingiva: attached periosteum; incises and holds sutures well; has attached mucosal tissue
- Accurately simulated bone densities: D1 (symphysis), D2 (posterior mandible), D3 (anterior maxilla), D4 (posterior maxilla)
- Accurately simulated sinus cavities/Schneiderian Membrane (can perform Caldwell/Luck (lateral wall) or Summers (crestal) lift techniques)
- Implant techniques that can be performed: single unit #5, aesthetic single-unit #9, two implant w/3-unit bridge (post sinus lift) #12 – 14, sinus lift (lateral wall or crestal approach), two implant placement for Locator overdenture retrofit, tilted implant protocol on 4 implants (i.e. all on 4)
- Tissue can be impressed with PVS, polyether or putty impression materials without releasing agent needed
- Labial tissue reacts and rebounds like human cheeks
- Simulated mouth size is the size of an average human mouth; clinician/student must work within the confines of the mouth
- Edentulous lower can be used for denture manufacture as well as implant placement/restoration; students can make a denture, place 2 implants, place Locator abutments and perform a denture conversion pickup technique

Columbia Dentoform Implant Surgical/Restorative Manikin



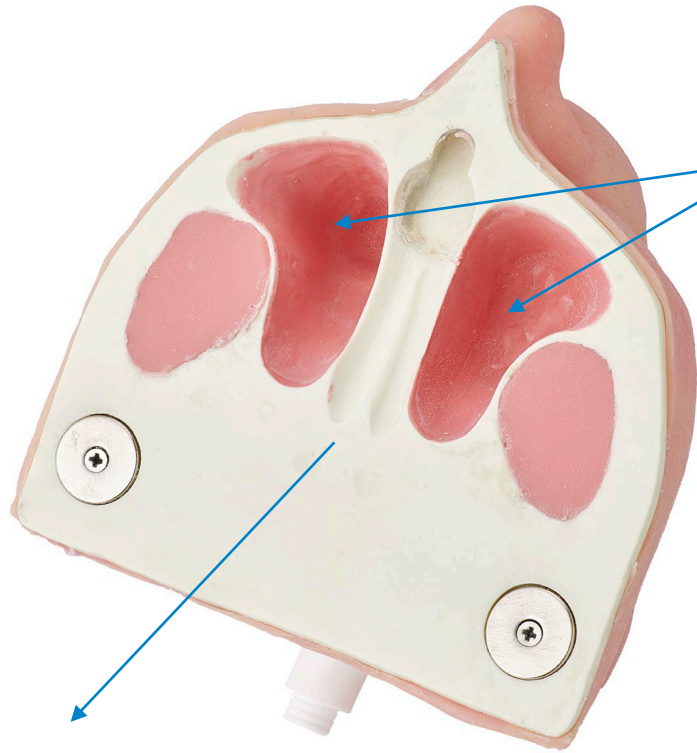
Simulated mouth size is the size of an average human mouth; clinician/student must work within the confines of the mouth

Edentulous mandible provides excellent platform for teaching denture impression/fabrication technique

Labial tissue reacts and rebounds like human cheek tissue

Accurately simulated gingiva: attached periosteum; incises and holds sutures well; has attached mucosal tissue

Columbia Dentoform Implant Surgical/Restorative Manikin



Can attach to
Patient Simulators
with Ferzaco Screw
(not pictured)

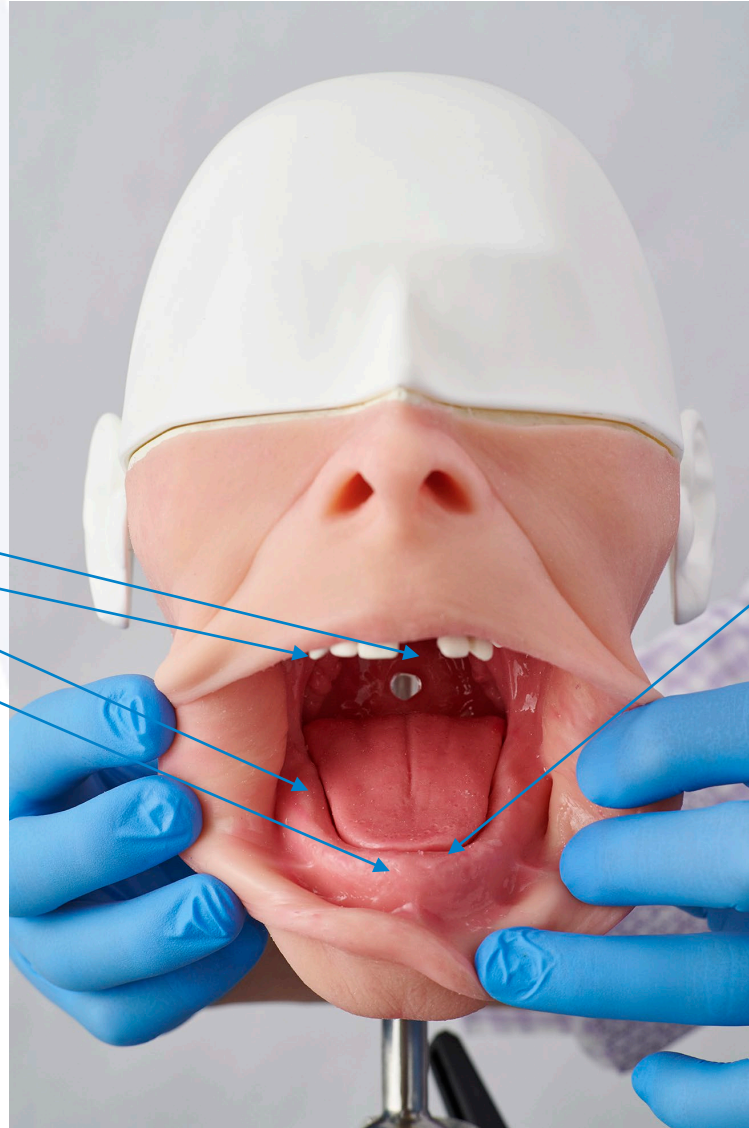
Accurately simulated
gingiva: attached
periosteum; incises and
holds sutures well; has
attached mucosal tissue

Hyper-accurate soft
tissue allows for
instruction of proper
flap incision techniques



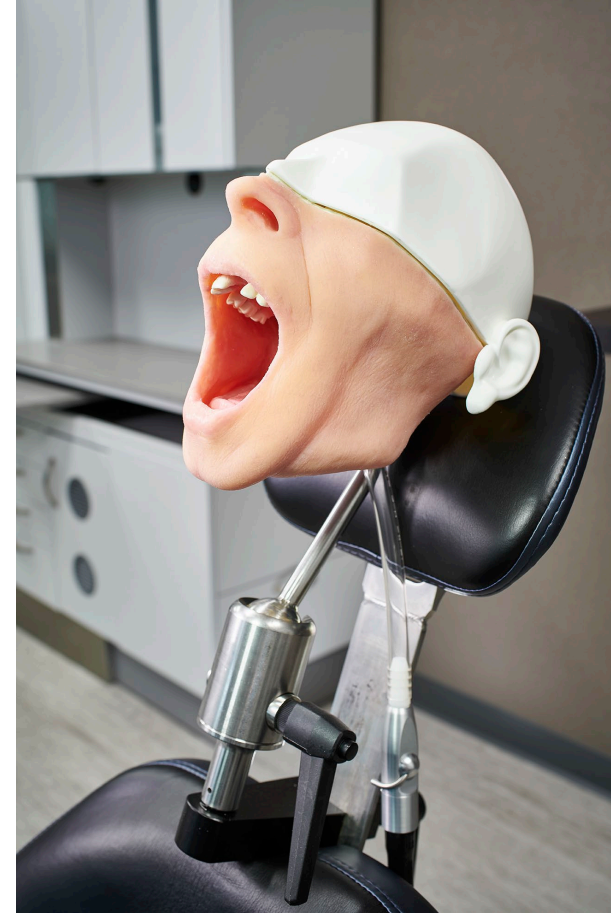
Columbia Dentoform Implant Surgical/Restorative Manikin

Accurately simulated bone densities: D1 (symphysis), D2 (posterior mandible), D3 (anterior maxilla), D4 (posterior maxilla)



Completely edentulous mandible ideal for placement of 2 implants and Locator abutments for denture conversion

Columbia Dentoform Implant Surgical/Restorative Manikin



Manikin can be easily mounted to a bench or a dental chair and has a drain plug and tube in the throat region for use of water during placement and easy clean up of dust/debris when drilling