

## 10-SENSOR ORAL ANESTHESIA TRAINING MANIKIN INSTRUCTIONS FOR USE

*Part Number: 1KOATMLSXS.19*

*Product Overview*

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### *PRODUCT OVERVIEW*

The Columbia Dentoform 10 Sensor Oral Anesthesia Manikin is intended for simulation training in academic settings to support professional instruction of local anesthesia techniques.

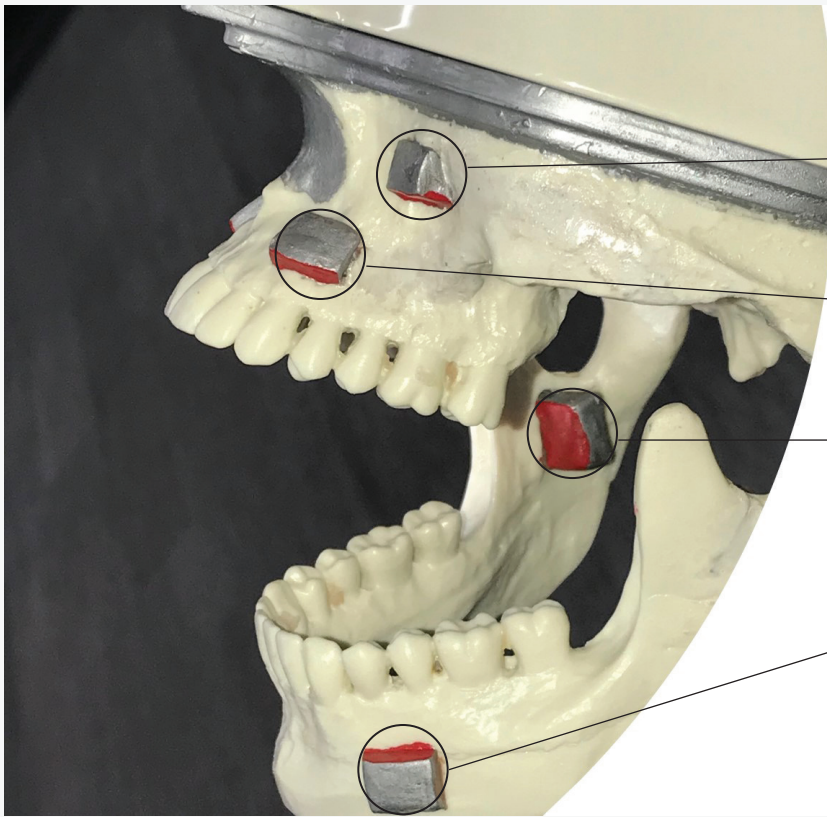
This manikin includes a metal cranium with visually indicating light, flesh-tone silicon designed to simulate real skin, anatomically correct jaws, and upper and lower permanent teeth.

There are multiple mounting options for this product which include: bench mounts, chair mounts, and table top stands.

### *SENSOR LOCATIONS*

Five (5) nerve regions represented by ten (10) dedicated sensors (left and right) are embedded in soft tissue to provide audio and visual feedback when injection region is successfully located. Suitable with dry injection needles and Soft Sealing Skin ensures a life-like simulation that is accurate and durable leaving no visible marks at injection sites.

FIGURE 1 – SIDE VIEW



SENSOR LOCATIONS

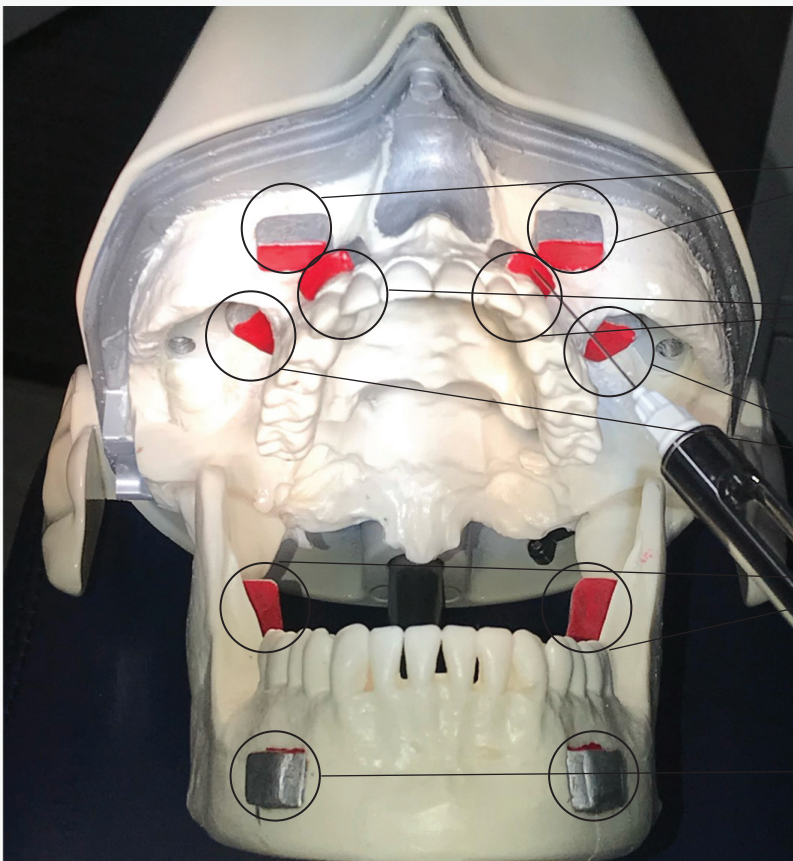
INFRAORBITAL NERVE BLOCK

ANTERIOR SUPERIOR ALVEOLAR NERVE BLOCK

INFERIOR ALVEOLAR NERVE BLOCK

MENTAL NERVE BLOCK

FIGURE 2 – FRONT VIEW



SENSOR LOCATIONS

INFRAORBITAL NERVE BLOCK

ANTERIOR SUPERIOR ALVEOLAR NERVE BLOCK

POSTERIOR SUPERIOR NERVE BLOCK

INFERIOR ALVEOLAR NERVE BLOCK

MENTAL NERVE BLOCK

## PACKAGE

METAL CRANIUM

SELF SEALING SKIN FACE

ANATOMICAL JAW, UPPER  
AND LOWER TEETH

3 AAA BATTERIES

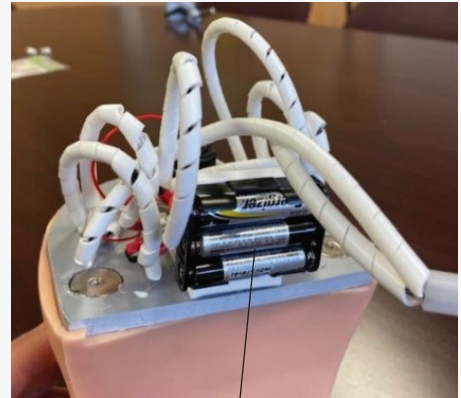
## MAINTENANCE AND CLEANING

### BATTERY REPLACEMENT

1. Hold firmly Self Sealing Skin Face, slide Metal Cranium to the rear of head until magnets disengage and key screw is out of slot. *(See Fig 3)*
2. Lift Metal Cranium off of silicone face.
3. Locate and replace the three (3) AAA batteries. *(See Fig 4)*  
Note: negative (-) end of each battery to be installed against the spring in battery holder.
4. Place Metal Cranium back onto Self Sealing Skin Face plate, carefully tuck all sleeved wires into Metal Cranium.
5. Align key screw with slotted key hole, slide Metal Cranium forward until magnets engage. *(See Fig 5)*

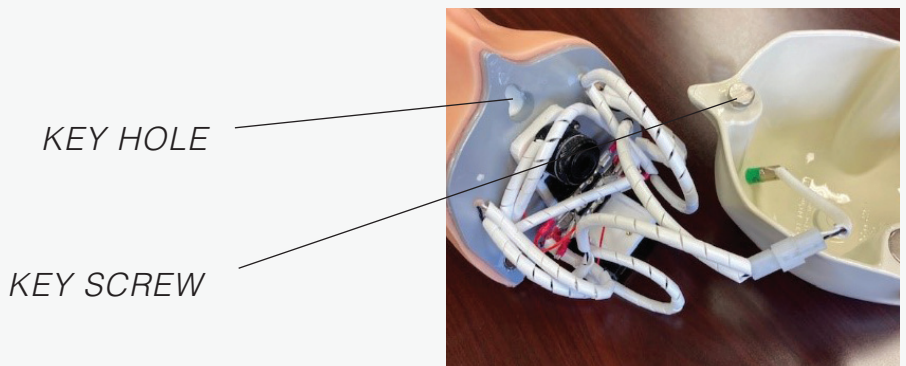


FIG. 3



AAA BATTERIES

FIG. 4



KEY HOLE

KEY SCREW

FIG. 5

## CLEANING SILICONE FACE

Silicone surface can be wiped using warm soap and water and/or 70% alcohol wipes or spray.

## MOUNTING ACCESSORIES

Part Number	Item Description
1KM1R3	<p>M-1R-3 Chair Mount</p> <p>This unit mounts onto most dental chairs and has been especially useful where several different kinds of chairs may be utilized. The upright rod has a small universal ball-joint to simulate neck movement.</p>
1KM1R7	<p>M-1R-7 Chair Mount</p> <p>This unit mounts onto most dental chairs. It is especially useful where teaching calls for movement back and forth between dental chair and laboratory bench. The upright rod, with the model in place, can be lifted from the chair mount and transferred to the bench mount.</p>
1KM1R10	<p>M-1R-10 Chair Mount with Heavy-Duty Ball Joint</p> <p>Easily mounts to patient chair head rest. Clamp device grips the metal plate supporting the headrest on most modern chairs. The upright rod is fixed and not removable. This mount has a heavy-duty ball joint.</p>
1KM5BJ	<p>M-5 BJ Heavy-Duty Bench Mount with Large Ball Joint</p> <p>Great for high usage situations such as schools. Tightening handle works like a ratchet for tight areas. Adjustable mount with heavy-duty ball joint in the upright rod, allowing rotation of model. Base part clamps to bench top.</p>