

# Laboratory Project # 1

Setting the Articulator, Mounting max. and mand. Casts

## ATTENTION

### READ THIS SECTION BEFORE STARTING PROJECT

#### **1. SETTING THE ARTICULATOR**



**SET THE ARTICULATOR BEFORE MOUNTING THE CASTS.**

Make sure you set the incisal pin to **O (zero)** and the anterior guide table is set flat. The condylar guides are set to **30 degrees**.

#### **2. INDEXING THE CASTS**

Index all of the casts before starting on the project. This will allow you to place the casts back on their mounts should they come off during the quarter. After indexing place vaseline **in the grooves**.

#### **3. Mount the maxillary edentulous cast**

Mount the maxillary edentulous cast first with the jig provided by your bench instructor (Fig1,2) . Use quickset (mounting) plaster. Soak the cast in your green mixing bowls for 2-3 minutes prior to mounting. Make sure the mounting plates are fully seated and the bolt is securely tightened. Place a small amount of quick set plaster in the center of the cast and close the articulator. Let it set for 3-4 minutes then pass the jig on to the next student. You can fill in the remaining stone later (fig 3).

**PLEASE DO NOT KEEP ANY OF THE JIGS FOR MORE THAN 5 MINUTES.**

#### 4. Mount the mandibular edentulous cast (fig 4,5)

Next mount the mandibular edentulous cast . Make sure the incisal pin is set to 0 and the condylar screws are tight. The condyles should rest against the back of the conlylar box due mounting procedure. Make sure the cast has been indexed and mount it as outlined above. After the initial set of the plaster pass the jig along to the next student. Place a second layer of plaster over the first and smooth the surface using your wet-dry sand paper.

The mounted casts will be graded for neatness on the grade sheet provided.

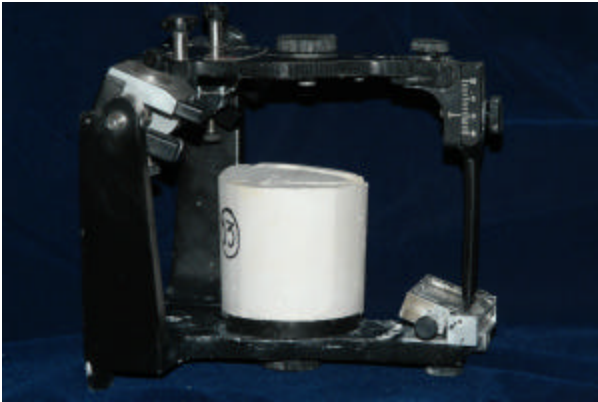


Fig 1

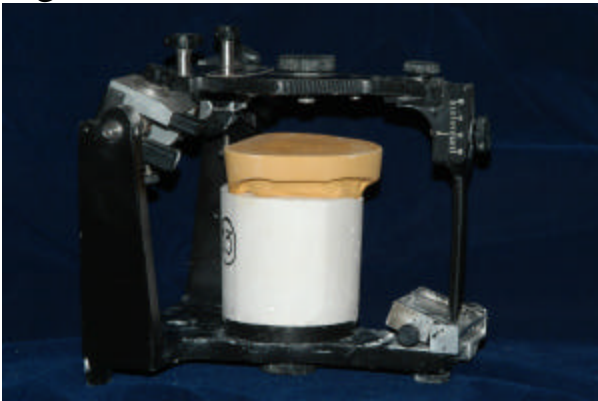


Fig 2

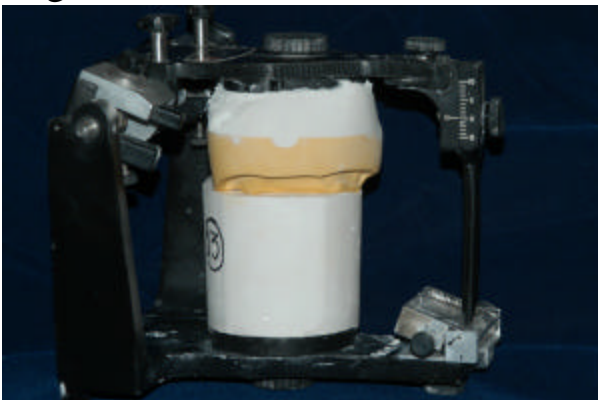


Fig 3



Fig 4

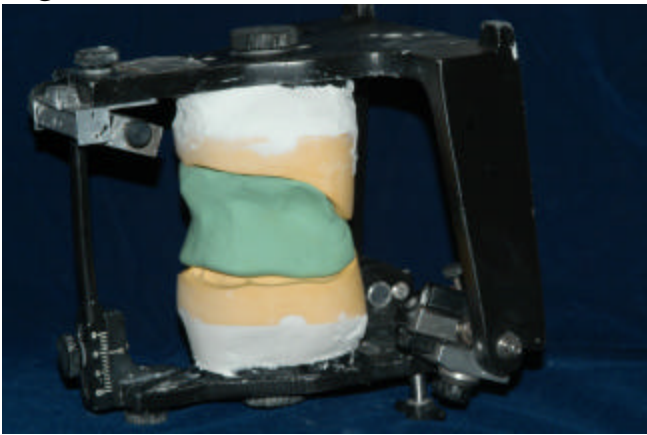


Fig 5



Fig 6