



Respiratory Care Group

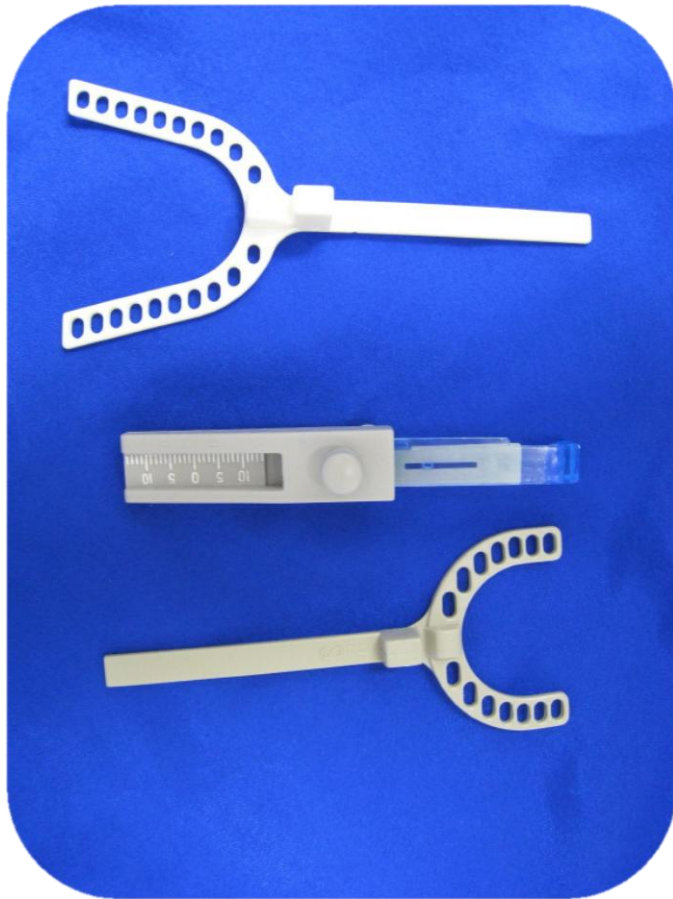
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# Using the George Gauge to take a Bite Registration for Mandibular Advancement Appliances

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Slides courtesy of Leslie Dort, DDS



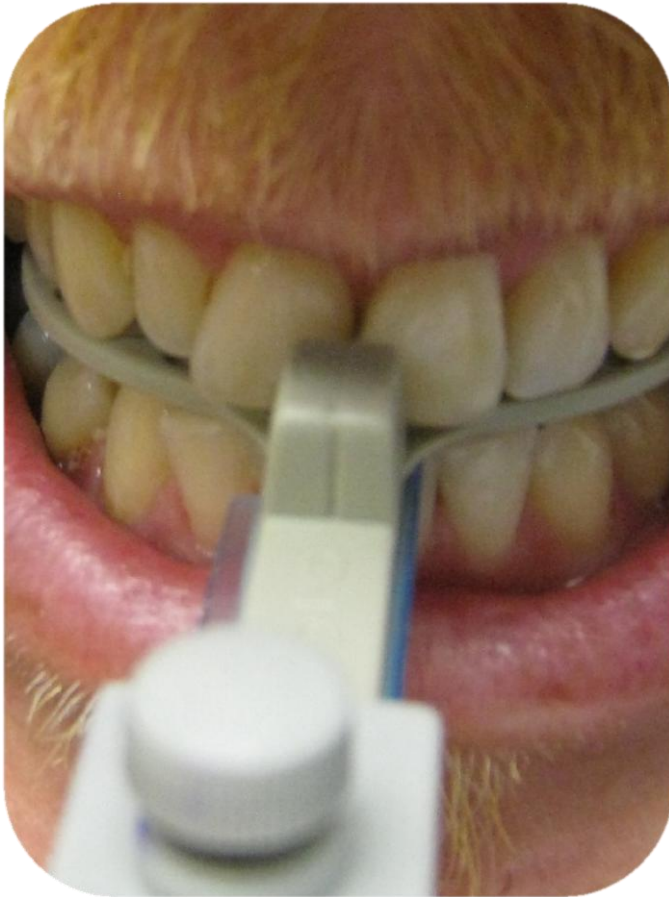


- **Bite Forks**
  - White- 5 mm interincisal, large
  - Gray- 2 mm interincisal, small
- **Body with Lower Incisor Clamp**



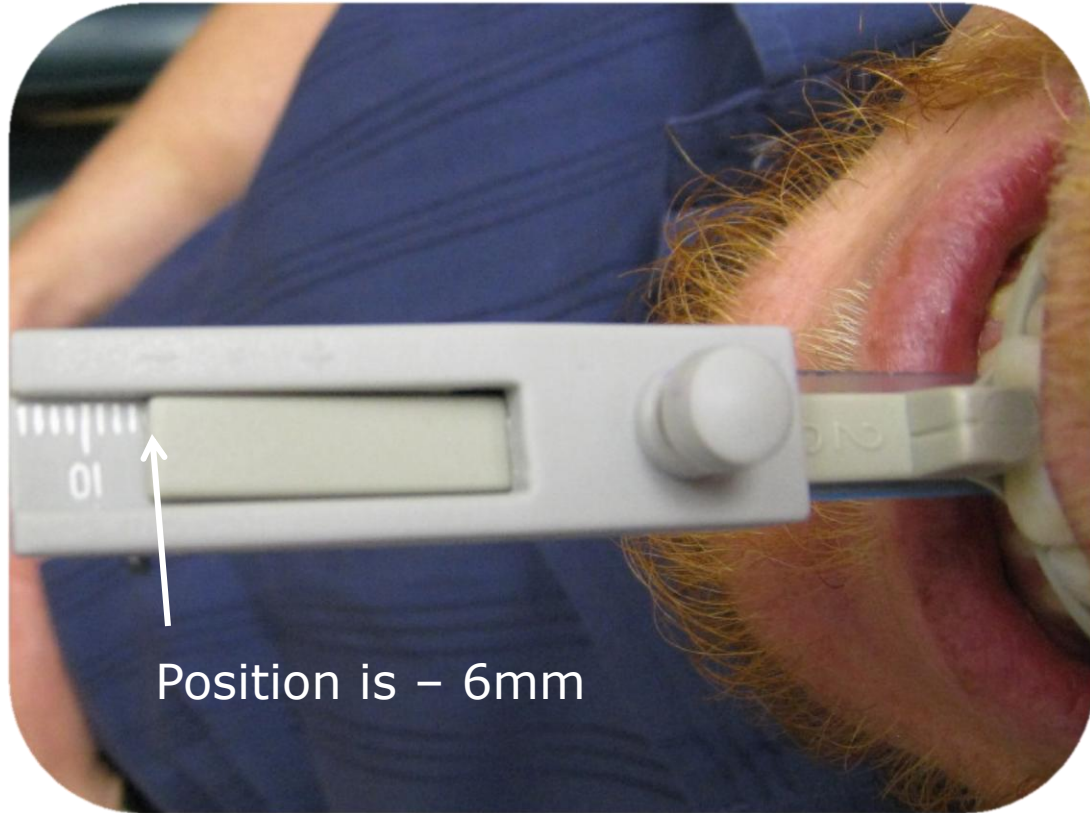
Move the lower incisor clamp so that it grips the lower central incisors firmly and tighten the lower screw.

Remove the George Gauge and insert the bite fork.



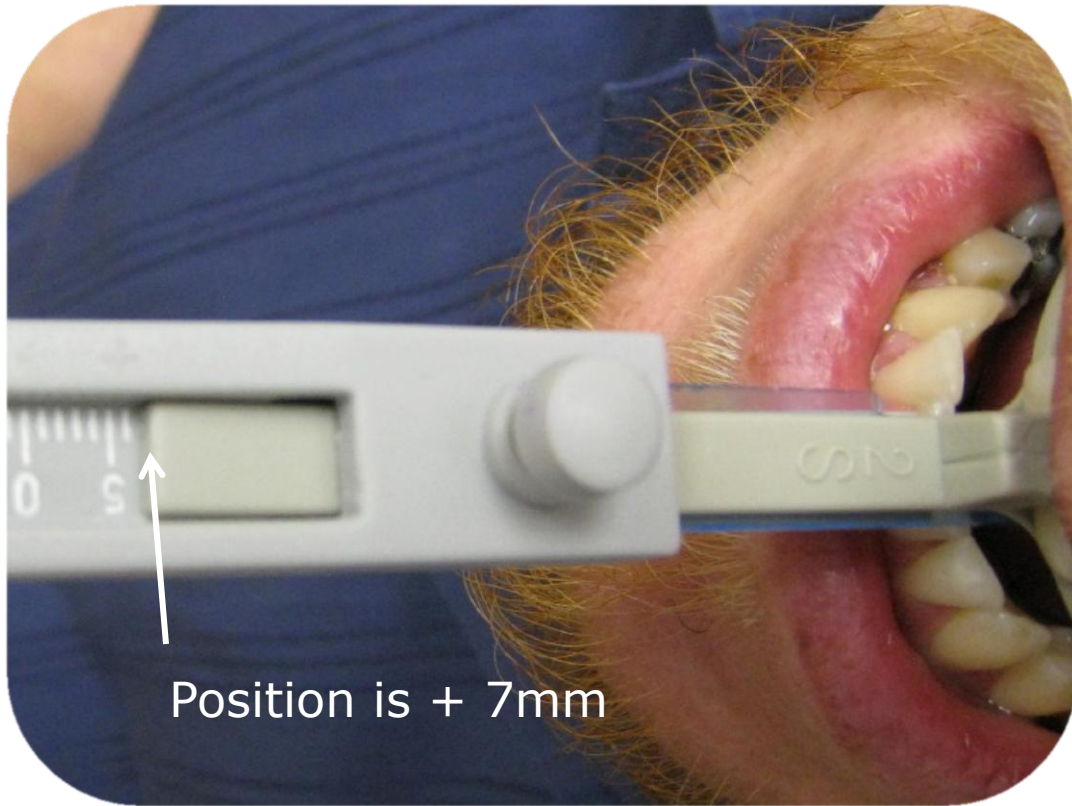
Center the George Gauge over the patient's lower incisor midline.

Instruct the patient to close into the upper incisor notch while the midline indicator is positioned between the upper incisors.



Ask the patient to retrude their mandible maximally.

Record the position on the millimeter rule.



Ask the patient to protrude their mandible maximally.

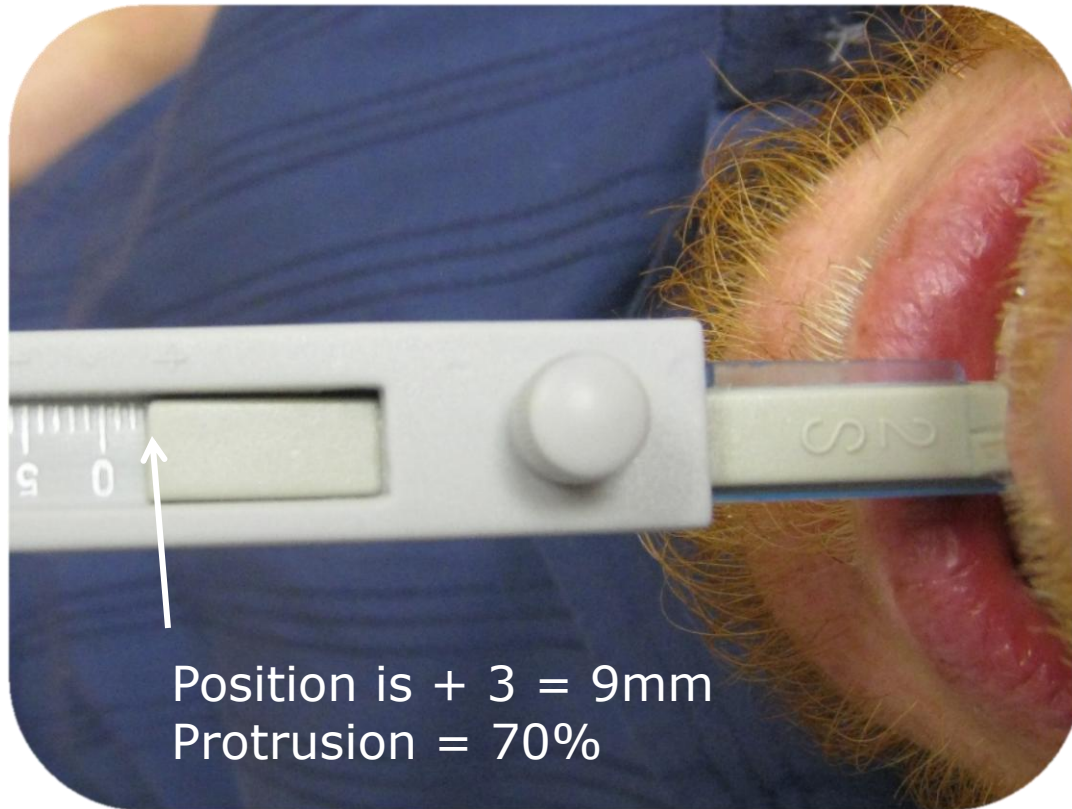
Record the position on the millimeter rule.



# George Gauge Guidelines

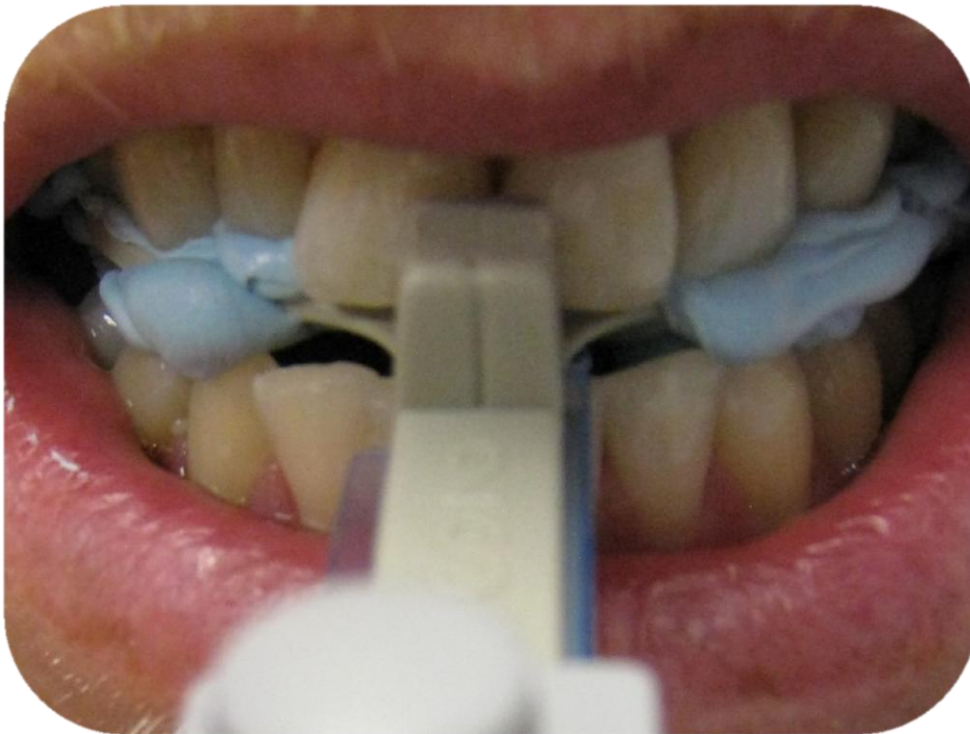
Recommended jaw position is set at 50-70% of maximum protrusion however patient comfort must be balanced against *initial* effectiveness

- Example based on patient data in previous slides:
  - Retruded position = - 6mm
  - Protruded position = + 7mm
  - Difference (protrusive range) = 13mm
  - Set protrusion to be 6.5mm to 9mm  
(+0.5 to +3.0 on George Gauge)



The George Gauge is set at the position determined and the top screw is tightened.





Registration material is added to the fork with the George Gauge set at the determined protrusion.

The notch on the fork and lower clamp should be free of registration material.

*Remove the fork from the George Gauge.  
Send the fork with the models to the dental laboratory.*