

BASIC LAB REQUIREMENTS

Upper Retainer: Plaster or stone work model (thickness of the base should be 7mm in the deepest portion of the palate). A lower model should be included with any case where occlusal interference's are a concern.

Lower Retainer: Plaster or stone work model.

Sagittal: Plaster or stone Model(s). Please include opposing arch if posterior coverage is required. Construction Bite should represent a centric relation; 2-3mm posterior vertical opening

Fixed Appliances: Well defined plaster or stone work models especially in the gingival margin area where the bands will be fitted by us. Pedo-Partial and Habit appliances require opposing model.

Splints: Upper and lower stone models, facebow mounted models are preferred but not required. Construction bite should represent vertical opening desired, minimum 2mm.

Sleep Apnea: Upper and lower stone models. Construction bite should represent three-fourths the distance from centric occlusion to full protrusive. Vertical opening 4-5mm between incisors. Midlines should be the same relation it is in centric.

Functional Appliances: All functional appliances require upper and lower stone work models.

Standard Activator: Construction bite with edge to edge relationship, 8-10mm posterior vertical opening.

Expansion Activator: Construction bite with edge to edge relationship, 7-12mm posterior vertical opening.

Bionator I (to open): Construction bite with edge to edge relationship, 3mm anterior vertical opening.

Bionator II (to close): Construction bite with edge to edge relationship, 3mm posterior vertical opening.

Twin Block: Construction bite with 5-7mm advancement, 3-5mm vertical opening in pre-molar/bicuspid area. 4mm, 2-3mm anterior vertical opening.

Herbst: Construction bite with initial mandibular advancement 3-4mm, 2-3mm anterior vertical opening.

Bleaching Trays: Plaster or stone work models. Overall thickness of the models is determined by the length of the gingival margins. The thickness of the model is usually 10mm beyond that.

Athletic Mouthguards: Upper and lower Impressions/Models free from voids or air bubbles. The models needs to represent the anatomy 10mm beyond the gingival margin of each tooth. Include a construction bite taken at rest position with a 4-5mm vertical OCCLUSAL opening and proper MIDLINE alignment.

Dual Arch Athletic Mouthguards: Upper and lower stone models. Overall thickness of the models is determined by the length of the gingival margins. The thickness of the model is usually 10mm beyond that. Include a construction bite taken at rest position with a 3-4mm vertical INCISAL freeway space, with proper MIDLINE alignment.