# BASIC LAB REQUIEMENTS

## 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.

## 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.

## 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.