

## IMPRESSION TECHNIQUES FOR SUCCESS

A clear impression is critical to restoration success. By following the same procedure for each impression, crown placement will become effortless.

### IF YOU ARE HAVING A PROBLEM WITH IMPRESSIONS THEN REVIEW THE FOLLOWING TIPS TO ENSURE THE BEST CROWNS POSSIBLE:

**TIP:** Take the bite registration and shade before numbing patient.

**REASON:** This technique will give the Lab the best accuracy. The shade is more accurate when patient hydrated.

**TIP:** The Assistant should load the tray at the same time the Dentist is injecting around the prep.

**REASON:** If the medium/heavy body material is loaded too early then it will become rigid and force the wash material away from the margin.

**TIP:** When seating the tray, use a slow, steady and vertical motion.

**REASON:** Drags can occur when the tray is placed too quickly. Pulls can occur when teeth rebound off of the tray.

**TIP:** Manufacturers instructions for set time must be followed. Add one minute for guaranteed results.

**REASON:** The extra time will allow margins to completely set.

**TIP:** Keep the mixing tip completely submerged in the material while filling the tray.

**REASON:** Air bubbles will form if not completely submerged leaving voids.

**TIP:** Use a metal or stiff tray for the impression.

**REASON:** If the tray can be flexed by light pressure, then the impression will be distorted after material has set.

**TIP:** Use tray adhesive on all trays. Including those with holes.

**REASON:** With adhesive, polymerization shrinkage is consistent instead of towards the mass.

**TIP:** Don't let the patient hold the tray.

**REASON:** Firm, consistent pressure is required to prevent distortion.

**TIP:** Check the expiration date.

**REASON:** Expired material will not set properly.

**TIP:** Use a full tray if there are no posterior stops.

**REASON:** An accurate bite cannot be established if insufficient occlusion is captured.