

Denture Problem Analyzer

After many years of working with the dental profession, we at Davis believe we have heard just about every known denture problem...and along with the problems, many of the reasons and possible solutions to the problems. This month we will touch on problems that affect the **comfort** of dentures. We will continue with comfort and also discuss **esthetics**, **function**, and **phonetics** in future months.

<u>Sore Spots</u>	<u>Causes</u>	<u>Solutions</u>
Vestibule or base area	Over-extended borders Rough spot	Shorten borders and polish Smooth & re-finish.
Upper post-dam area (posterior limit of upper)	Post-dam too deep Sharp posterior edge Over-extensions	Reduce base but avoid loss of border seal. Round off sharp edges. Same as above. Make sure post dam is on soft tissue. Same as above.
Crest of ridge (single spot)	Pre-mature occlusion Inaccurate denture base Voids in acrylic Nodules under base	Remount dentures with an accurate bite. Take a "wash" impression & rebase after tissue treatment. Same as above. Remove nodules.
Crest of ridge (overall)	Vertical open too much Inaccurate fitting base	Re-make one arch to correct vertical, if occlusal plane is acceptable. Take a "wash" impression for rebase or remake after tissue treatment.
Under lower lingual flange	Incorrect centric (chewing drives lower forward) Over-extended flange Posteriors too far distal	Re-check vertical & centric (rearticulate & remove the interfering cusps or alter non-interfering teeth). Shorten & re-polish flange. Remove 2 nd molars.
Under lower labial flange	Too much overbite Over-extended flange Plate moves during function	Rearticulate & change anterior tooth position. Shorten & re-polish flange. Re-check vertical & centric. Change to centrimatic (Swissedent) posteriors. Check lingual flange & shorten, if needed.

Although the Denture Problem Analyzer is rather extensive, we are sure that you will be presented with a problem not covered. Stayed tuned in for the months to come when we continue on problems dealing with comfort and also discuss esthetics, function, & phonetics. Please feel free to contact Davis at any time if you have problems not covered in this month's issue!

All the Best!

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