

Metal-based Removable Partial Denture (RPD) flowchart

Consultation (patient wish list), medical, dental and social history, examination.

Make initial design using Universal RPD Designs and/or RPD Design Sequence.
Discuss treatment plan and quotation with patient

Oral hygiene training, dietary advice, special investigations

Take primary impressions

Do study casts need to be mounted on an articulator for a definitive design?

Make primary occlusal registration (with or without wax rims)

Make definitive RPD design, confirmed with a surveyor

Are tooth restorations needed?

Restore teeth (fillings, onlays, inlays, crowns, attachments, etc.)
NB diagnostic try-ins for tooth positioning and space assessment are often needed

Prepare teeth for RPDs: create frictional guide surfaces / subtractive and additive rest seats / tooth re-contouring for improved clasp retention or for visual reasons

Are impressions needed to check the preps?

Take check impression(s)

Take working impression(s) and Facebow

Are occlusal records needed?

Make occlusal records ICP or CR +/- tooth prescription

Do diagnostic teeth try-in

Try in metal base

Is a try-in of denture teeth on the metal framework needed, to check appearance, occlusion, feel, speech, etc?

Try in teeth on metal base (John Besford would always do this)

RPD delivery

Note

If a stage in denture construction looks inaccurate, it generally means that the step before needs to be repeated. For example, if a working cast is inaccurate, a new working impression is taken.