

IMPROVE YOUR CROWN PREPS COURSE

CHECK LIST FOR PRACTICAL EXERCISE

PFM CROWN PREPARATION (Incisor)

Incisal reduction	About 2mm ? Central position of tip ?
Labial reduction	About 1.5mm in all planes ?
Proximal clearance	Smooth transition from PFM to metal ? Is preparation in line with central axis of tooth ? Damage to adjacent teeth ?
Palatal reduction	No less than 0.5mm ? Retention / resistance offered ?
Margins	Reflect gingival contour ? Internal angle smooth ? Porcelain external angle approx. 90° to surface ? Are they clear, smooth and uniform in width ?
Line angles	Are they smooth and not excessively sharp ?
Overall	Is the preparation undercut ? Has the preparation been given a 'satin-finish' ?

How satisfied are you with your prep ?

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ALL-CERAMIC CROWN PREPARATION (Incisor)

Incisal reduction	About 2mm ? Central position of tip ?
Labial reduction	About 1.5 – 1.2 mm in all planes ?
Proximal clearance	Is preparation in line with central axis of tooth ? Damage to adjacent teeth ?
Palatal reduction	No less than 1.2 mm ? Retention / resistance offered ?
Margins	Reflect gingival contour ? Internal angle smooth and rounded ? External angle approx. 90° to surface ? Are they clear, smooth and uniform in width ?
Line angles	Are they rounded and smooth ?
Overall	Is the preparation undercut ? Has the preparation been given a ‘satin-finish’ ?

How satisfied are you with your prep ?

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ALL-CERAMIC CROWN PREPARATION (Posterior Tooth)

Occlusal reduction	About 2 mm (especially over the functional cusp) ? Does it follow occlusal morphology ? Fissure centred and 'cusps' in line with arch ? Is there a functional cusp bevel ?
Axial reduction	About 1.5– 1.2 mm in varying occluso-gingival planes ? Does it reflect the external root form from above ? Is preparation in line with central axis of tooth ? Retention / resistance offered ? Is the preparation undercut ?
Proximal clearance	Damage to adjacent teeth ?
Margins	Reflect gingival contour ? Internal angle smooth and round ? Porcelain external angle approx. 90° to surface ? Are they clear, smooth and uniform in width ?
Line angles	Are they rounded and smooth ?
Overall	Has the preparation been given a 'satin-finish' ?

How satisfied are you with your prep ?

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ALL-CERAMIC ONLAY PREPARATION (Posterior Tooth)

Occlusal reduction	About 2 mm (especially over the functional cusp) ? Does it follow occlusal morphology ? Fissure centred and 'cusps' in line with arch ? Is there a functional cusp bevel ?
Axial reduction	About 1.5– 1.2 mm in varying occluso-gingival planes ? Does it reflect the external root form from above ? Is preparation in line with central axis of tooth ? Retention / resistance offered ? Is the preparation undercut ?
Proximal clearance	Damage to adjacent teeth ?
Margins	Internal angle smooth and round ? Porcelain external angle approx. 90° to surface ? Are they clear, smooth and uniform in width ?
Line angles	Are they rounded and smooth ?
Overall	Has the preparation been given a 'satin-finish' ?

How satisfied are you with your prep ?

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CERAMIC VENEER PREPARATION (Incisor)

Incisal reduction	About 2 mm ?
Labial reduction	About 0.5 mm in varying occluso-gingival planes ?
Palatal reduction	About 0.5 mm ?
Proximal clearance	Damage to adjacent teeth ?
Margins	Reflect gingival contour labially ? Internal angles smooth and round ? Porcelain external angle approx. 90° to surface ? Are they clear, smooth and uniform in width ?
Line angles	Are they rounded and smooth ?
Overall	Has the preparation been given a 'satin-finish' ?

How satisfied are you with your prep ?

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FULL VENEER GOLD CROWN PREPARATION (Posterior tooth)

Occlusal reduction	About 1mm ? Does it follow occlusal morphology ? Fissure centred and 'cusps' in line with arch ? Is there a functional cusp bevel of 1.5 mm clearance ?
Buccal reduction	About 0.5 mm in varying occluso-gingival planes ?
Lingual reduction	About 0.5 mm in varying occluso-gingival planes ?
Proximal clearance	Correct mesio-distal convergence ? Damage to adjacent teeth ?
Axial reduction	Does it reflect the external root form from above ? Is preparation in line with central axis of tooth ? Retention / resistance offered ? Is the preparation undercut ?
Margins	Reflect gingival contour ? Internal angle smooth ? Are they clear and uniform in width ?
Line angles	Are they smooth and not excessively sharp ?
Overall	Has the preparation been given a 'satin-finish' ?

How satisfied are you with your prep ?