

Anterior Winged Porcelain-Fused-to-Metal Crown (WPFM) Preparation Performance / Score Assessment sheet – September 2015

Maximum possible score = 17

Labial Margin:

Overall margin height (at or just below gingival margin level (no more than 0.5mm below):

Satisfactory 1 Unsatisfactory 0

Depth and Design (1.2-1.3 mm wide shoulder / chamfer):

Satisfactory 1 Unsatisfactory 0

Palatal Margin:

Overall margin height (supra-gingival at all areas):

Satisfactory 1 0

Depth and Design (0.5 – 0.7mm palatal chamfer):

Satisfactory 1 Unsatisfactory 0

Interdental Wings: (present within both mesial and distal areas to clearly denote the junction of where the metal and ceramic meets of the labial meets the metal only of the palatal. Wings should be palatal to the proposed contact areas to ensure satisfactory aesthetics of PFM):

Satisfactory 2 Unsatisfactory 0

Overall smoothness and finish (margins and other surfaces of preparation should be smooth and polished):

Satisfactory 1 Unsatisfactory 0

Taper / Parallelism:

Palatal cingulum wall (neo-parallel range between 7 and 15 degrees):

Satisfactory 1 Unsatisfactory 0

Axial Walls (neo-parallel 7-15 degrees):

Satisfactory 1 Unsatisfactory 0

Labial wall (neo-parallel 7-15 degrees):

Satisfactory 1 Unsatisfactory 0

Undercuts (no presence of major undercuts that might stop withdrawal of wax pattern from die):

Not present 1 Present 0

Tooth Reduction:

Labial wall (two plane reduction in line with anatomy of tooth – evidence of 1.2mm reduction):

Satisfactory 1 Unsatisfactory 0

Palatal wall (one plane reduction of 0.5 - 0.7mm):

Satisfactory 1 Unsatisfactory 0

Palato occlusal (reduction of between 1.0– 1.2 mm to create adequate inter-occlusal space):

Satisfactory 1 Unsatisfactory 0

Incisal tip reduction (1.5 mm):

Satisfactory 1 Unsatisfactory 0

Interdental (at least 1mm of clearance between the prepared margins and neighbouring teeth):

Satisfactory 1 Unsatisfactory 0

Overall Preparation shape (should be round, not rectangular, and follow the shape of the original tooth):

Satisfactory 1 Unsatisfactory 0

Total Score for WPFM Preparation = 17

Reflective Learning Comments

(Assessor to score 2 marks for each agreed reflective comment within each box – This allows for a total for 6 marks for each box and 12 marks overall. The first three comments will only be marked. Assessor looking for candidate self-awareness both on good and poor performance):

3 best things of my preparation

3 worst things of my preparation