

Fixed Prosthodontics Faculty-Evaluation Form

| Outline | R | S | M | T | V | | | | | |
|--|---|---|---|---|---|---|-------------------------------|-------------------------|------------------------|---------------------|
| Margins extended to specified target (usually 0.65 mm except interproximals) | | | | | | <i>supragingival</i> | <i>subgingival</i> | Y | N | |
| Extended within range of acceptable (supragingival to 1.0 mm) | | | | | | <i>Measures _____ mm</i> | <i>equigingival varies</i> | Y | N | R S M T V |
| Preparation is extended to allow a minimum of 0.5 mm access from adjacent | | | | | | <i>Measures _____ mm</i> | | Y | N | R T V |
| Adjacent Teeth are unaffected by preparation | | | | | | | | Y | N | R T V |
| Adjacent teeth are <i>abraded, flattened, nicked, or gouged</i> @ Tooth No(s) _____ Area(s) _____ | | | | | | | | Y | N | R S M T V |
| Margins extended to include all caries, decalcification, fissured grooves, and existing restorations. <i>Underextended</i> @ _____ | | | | | | | | Y | N | R T V |
| | | | | | | | | | | |
| Internal | R | S | M | T | V | | | | | |
| Occlusal Reduction at cusp tips (ideal 1.5 mm metal, 2.0 mm porcelain) | | | | | | <i>overreduced @</i> | | Y | N | |
| Reduced within range (1.0 - 1.75 mm metal, 1.5 – 2.5 mm porcelain) | | | | | | <i>Measures _____ mm</i> | <i>underreduced @</i> | Y | N | R S M T V |
| Mid-Axial Reduction (ideal 1.0 mm metal, 1.5 mm porcelain) | | | | | | <i>overreduced @</i> | | Y | N | |
| Reduced within range (0.75 - 1.25 mm metal, 1.0 – 2.0 mm porcelain) | | | | | | <i>Measures _____ mm</i> | <i>underreduced @</i> | Y | N | R S M T V |
| Gingival Reduction (ideal 0.65 mm metal, 1.0-1.3 mm porcelain (tooth size rules)) | | | | | | <i>overreduced @</i> | | Y | N | |
| Reduced within range (0.5 - 1.0 mm metal, 1.0 – 1.5 mm porcelain) | | | | | | <i>Measures _____ mm</i> | <i>underreduced @</i> | Y | N | R S M T V |
| Proper Taper of Walls to allow insertion & removal of restoration | | | | | | <i>too mesially inclined</i> | <i>too distally inclined</i> | Y | N | R T V |
| Free of Undercuts that would prevent the fabrication of a restoration | | | | | | | | Y | N | R T V |
| Coincident Paths of Insertion between all Abutment Preparations | | | | | | <i>undercut @ Tooth _____ area(s) _____</i> | | Y | N | R T V |
| Preparations have proper planes providing adequate material bulk for strength/esthetics | | | | | | <i>too minimal</i> | <i>poor angle @ _____</i> | Y | N | R S M T V |
| Teeth are reduced to provide for proper anatomy and adequate material bulk on the | | | | | | <i>underreduced @ _____</i> | | | | |
| occlusal surfaces (for pits, grooves, & adequate thickness at marginal ridge areas) | | | | | | <i>overreduced @ _____</i> | | Y | N | R S M T V |
| | | | | | | | | | | |
| Retention | R | S | M | T | V | | | | | |
| Retentive walls have 6 degrees of taper | | | | | | <i>slightly</i> | <i>grossly undercut</i> | Y | N | |
| Walls fall between parallel and 15° of taper | | | | | | <i>Measures _____ degrees</i> | <i>parallel</i> | <i>slightly</i> | <i>grossly</i> | <i>overtapered</i> |
| Tallest area of each Axial Wall is 3-4 mm ideally | | | | | | | <i>too short on mesial</i> | <i>distal</i> | <i>buccal</i> | <i>lingual wall</i> |
| Tallest areas are a minimum of 2.5 mm | | | | | | <i>Measures _____ mm @ _____</i> | <i>too long/overextended</i> | Y | N | R T V |
| Secondary Retentive features justifiably placed, if necessary | | | | | | <i>Unnecessary</i> | <i>Placed in Wrong Area</i> | Y | N | R T V |
| Secondary Retentive features placed in proper area with proper depth, direction, and angulation | | | | | | <i>too shallow</i> | <i>too axial</i> | Y | N | R S M T V |
| | | | | | | | <i>Wrong angulation</i> | | | |
| | | | | | | | | | | |
| Cavosurface Margins | R | S | M | T | V | | | | | |
| Margins terminate at proper angulations (45° metal (30-60°), 90° Porcelain (75-105°)) | | | | | | <i>sloped</i> | <i>lipped @ _____</i> | <i>too steep</i> | <i>flat @ _____</i> | |
| Finish lines are smooth and free of irregularities | | | | | | <i>Measures _____ degrees @ _____</i> | | Y | N | R T V |
| Finish lines are continuous (including transitions) | | | | | | <i>wavy</i> | <i>irregular</i> | <i>rough</i> | <i>faceted @ _____</i> | |
| Bevels have uniform width of 0.65 mm (ideal) | | | | | | | <i>not continuous @ _____</i> | Y | N | R T V |
| Bevels have width of 0.5 to 1.0 mm (range) | | | | | | <i>Measures _____ mm @ _____</i> | <i>too minimal</i> | <i>too wide @ _____</i> | | |
| Preparations and Surrounding Structures are Free from Debris | | | | | | <i>Debris @ _____</i> | <i>Removed</i> | Y | N | R S M T V |
| Margins are accessible for evaluation and duplication | | | | | | <i>Inaccessible @ _____</i> | | Y | N | R T V |