**DDS 1: CAVITY PREPARATION**

(moderate-deep carious lesion

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Difficulty | Item | | | Checkbox | Comment | Importance ranking |
| HARD | Selective caries removal | 1 | DEJ is caries-free \* | Y (surface) |  | 10 |
| 2 | Principles of selective caries removal on pulpal surfaces satisfied \* |  |  | 10 |
| 3 | Sufficient and uniform layer of carious dentine remaining, limited to pulpal surfaces only | Y (see left) | Y | 6 |
| MODERATE | Cavity dimensions follow extent of caries | 4 | Conservative in the mesio-distal dimension |  | Y | 7 |
| 5 | Conservative in the bucco-lingual dimension |  | y | 7 |
| 6 | Depth not overextended nor less than 1.5mm |  |  | 7 |
| 7 | Avoids excessive loss or weakening of tooth structure or compromising pulp space \* | Y (see left) | Can’t pick points 4-6 if pick 7. Grey out 4-6 if pick 7. | 10 |
| 8 | Gingival contact cleared \* |  |  | 10 |
| HARD | Surface & margins | 9 | Cavosurface margins free from irregularities and small areas of undermined enamel | Y (surface) |  | 4 |
| 10 | Free from large areas of unsupported enamel or large fractures\* | Y (surface) |  | 10 |
| 11 | Internal surfaces smooth and rounded without minor roughness |  |  | 2 |
| 12 | Internal surfaces smooth and rounded without obvious irregularities and/or gouges | Y (surface) | Y | 5 |
| MODERATE | Iatrogenic Tooth damage | 13 | No or minimal scuffs/ scratches/ surface loss | Y (surface) | Y | 2 |
| 14 | Avoids small damages to adjacent tooth and/or surrounding surfaces requiring tooth modification | Y (surface) | Y | 7 |
| 15 | Avoids large damages to adjacent tooth and/or surrounding surfaces requiring restoration \* | Y (surface) | Y | 10 |

Example of surface tick-boxes: mesial, distal, buccal, palatal/ lingual, cervical, proximal box, adjacent tooth

Checkbox over drop down menus – for more meaningful feedback, can select multiple boxes

Comment section at end of all items

**RESTORATION**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Difficulty | Item | | | Checkbox | Comment | Importance ranking |
| MODERATE | Surface finish | 1 | Smooth and well-polished |  |  | 2 |
| 2 | Sub-surface porosities or voids absent |  |  | 7 |
| 3 | Large porosities or voids absent\* |  |  | 10 |
| MODERATE | Tooth-restoration junction | 4 | Smooth junction | Y (surface) | Can pick one only from 4-6; grey out the other options | 8 |
| 5 | Free of minor excess/deficiency only detectable by dental explorer |  |  | 8 |
| 6 | Free of major excess that warrants additional finishing and polishing | Y (surface) |  | 8 |
| 7 | No open margins \* | Y (surface) | Y | 10 |
| 8 | No overhangs that warrant significant finishing and polishing\* |  |  | 10 |
| MODERATE | Tooth morphology | 9 | Tooth anatomy recreated |  | Y | 2 |
| 10 | Contour not bulky (including marginal ridge) |  | Y | 5 |
| 11 | Contour not deficient (including marginal ridge) |  | Y | 7 |
| 12 | Establishes anatomical contact area \* |  | Y | 10 |
| HARD | Iatrogenic Tooth damage | 13 | No or minimal scuffs/ scratches/ surface loss | Y (surface) | Y | 2 |
| 14 | Avoids surface damage 2mm beyond restoration | Y (surface) | Y | 5 |
| 15 | Avoids damage to adjacent tooth and/or surrounding surfaces requiring restorative correction \* | Y (surface) | Y | 10 |

Example of surface tick-boxes: mesial, distal, buccal, palatal/ lingual, cervical, proximal box, adjacent tooth

Checkbox over drop down menus – for more meaningful feedback, can select multiple boxes

Comment section at end of all items