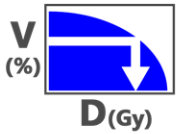
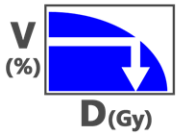
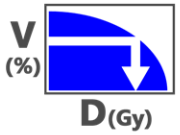
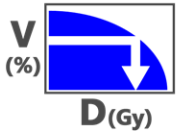
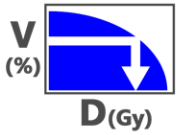
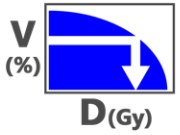
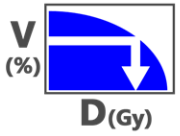
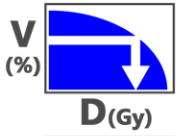
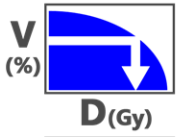
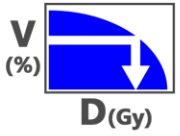
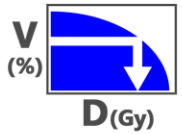
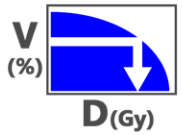
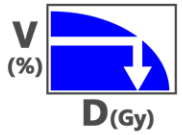
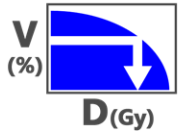
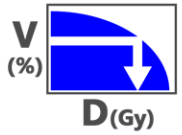
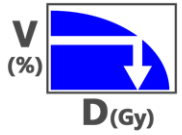
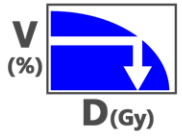
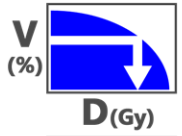
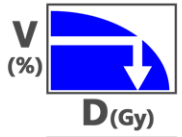
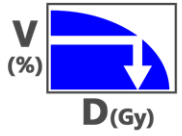
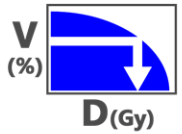
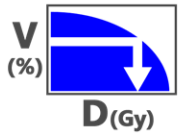
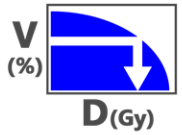
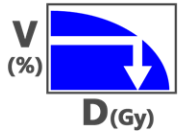
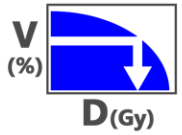
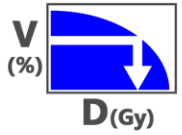
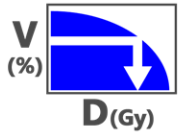
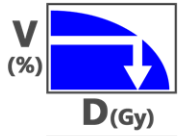
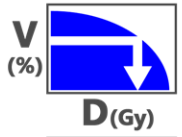
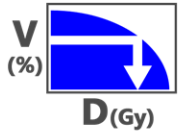
***Plan Quality Algorithm: Emami TD 50-5 [56 Max Possible] [56 Metrics] (Page 1 of 6)***

| | | | | |
|---|---|---|---|---|
| 1 |  | Dose (Gy) covering 100 (%) of the BLADDER (SYMPTOMATIC BLADDER CONTRACTURE) | 1 | ≤ 80 ≥ 80.00 |
| 2 |  | Dose (Gy) covering 66.666 (%) of the BLADDER (SYMPTOMATIC BLADDER CONTRACTURE) | 1 | ≤ 85 ≥ 85.00 |
| 3 |  | Dose (Gy) covering 100 (%) of the BRACHIAL PLEXUS (CLINICALLY APPARENT NERVE DAMAGE) | 1 | ≤ 75 ≥ 75.00 |
| 4 |  | Dose (Gy) covering 66.666 (%) of the BRACHIAL PLEXUS (CLINICALLY APPARENT NERVE DAMAGE) | 1 | ≤ 76 ≥ 76.00 |
| 5 |  | Dose (Gy) covering 33.333 (%) of the BRACHIAL PLEXUS (CLINICALLY APPARENT NERVE DAMAGE) | 1 | ≤ 77 ≥ 77.00 |
| 6 |  | Dose (Gy) covering 100 (%) of the BRAIN (NECROSIS) | 1 | ≤ 60 ≥ 60.00 |
| 7 |  | Dose (Gy) covering 66.666 (%) of the BRAIN (NECROSIS) | 1 | ≤ 65 ≥ 65.00 |
| 8 |  | Dose (Gy) covering 33.333 (%) of the BRAIN (NECROSIS) | 1 | ≤ 75 ≥ 75.00 |
| 9 |  | Dose (Gy) covering 100 (%) of the BRAINSTEM (NECROSIS) | 1 | ≤ 65 ≥ 65.00 |
| 10 |  | Dose (Gy) covering 100 (%) of the CAUDA EQUINA (CLINICALLY APPARENT NERVE DAMAGE) | 1 | ≤ 75 ≥ 75.00 |

***Plan Quality Algorithm: Emami TD 50-5 [56 Max Possible] [56 Metrics] (Page 2 of 6)***

| | | | | |
|---|---|---|---|---|
| 11 |  | Dose (Gy) covering 100 (%) of the COLON (OBSTRUCTION, PERFORATION, ULCERATION) | 1 | ≤ 55 ≥ 55.00 |
| 12 |  | Dose (Gy) covering 33.33 (%) of the COLON (OBSTRUCTION, PERFORATION, ULCERATION) | 1 | ≤ 65 ≥ 65.00 |
| 13 |  | Dose (Gy) covering 100 (%) of the EAR (ACUTE SEROUS OTITIS) | 1 | ≤ 40 ≥ 40.00 |
| 14 |  | Dose (Gy) covering 66.666 (%) of the EAR (ACUTE SEROUS OTITIS) | 1 | ≤ 40 ≥ 40.00 |
| 15 |  | Dose (Gy) covering 33.333 (%) of the EAR (ACUTE SEROUS OTITIS) | 1 | ≤ 40 ≥ 40.00 |
| 16 |  | Dose (Gy) covering 100 (%) of the EAR (CHRONIC SEROUS OTITIS) | 1 | ≤ 65 ≥ 65.00 |
| 17 |  | Dose (Gy) covering 66.666 (%) of the EAR (CHRONIC SEROUS OTITIS) | 1 | ≤ 65 ≥ 65.00 |
| 18 |  | Dose (Gy) covering 33.333 (%) of the EAR (CHRONIC SEROUS OTITIS) | 1 | ≤ 65 ≥ 65.00 |
| 19 |  | Dose (Gy) covering 100 (%) of the ESOPHAGUS (STRICTURE, PERFORATION) | 1 | ≤ 68 ≥ 68.00 |
| 20 |  | Dose (Gy) covering 66.666 (%) of the ESOPHAGUS (STRICTURE, PERFORATION) | 1 | ≤ 70 ≥ 70.00 |

**Plan Quality Algorithm: Emami TD 50-5 [56 Max Possible] [56 Metrics] (Page 3 of 6)**

| | | | | |
|---|---|---|---|---|
| 21 |  | Dose (Gy) covering 33.333 (%) of the ESOPHAGUS (STRICTURE, PERFORATION) | 1 | ≤ 72 ≥ 72.00 |
| 22 |  | Dose (Gy) covering 100 (%) of the FEMORAL HEAD (NECROSIS) | 1 | ≤ 65 ≥ 65.00 |
| 23 |  | Dose (Gy) covering 100 (%) of the HEART (PERICARDITIS) | 1 | ≤ 50 ≥ 50.00 |
| 24 |  | Dose (Gy) covering 66.666 (%) of the HEART (PERICARDITIS) | 1 | ≤ 55 ≥ 55.00 |
| 25 |  | Dose (Gy) covering 33.333 (%) of the HEART (PERICARDITIS) | 1 | ≤ 70 ≥ 70.00 |
| 26 |  | Dose (Gy) covering 100 (%) of the KIDNEY (CLINICAL NEPHRITIS) | 1 | ≤ 28 ≥ 28.00 |
| 27 |  | Dose (Gy) covering 66.666 (%) of the KIDNEY (CLINICAL NEPHRITIS) | 1 | ≤ 40 ≥ 40.00 |
| 28 |  | Dose (Gy) covering 100 (%) of the LARYNX (NECROSIS) | 1 | ≤ 80 ≥ 80.00 |
| 29 |  | Dose (Gy) covering 66.666 (%) of the LARYNX (NECROSIS) | 1 | ≤ 80 ≥ 80.00 |
| 30 |  | Dose (Gy) covering 33.333 (%) of the LARYNX (NECROSIS) | 1 | ≤ 90 ≥ 90.00 |

***Plan Quality Algorithm: Emami TD 50-5 [56 Max Possible] [56 Metrics] (Page 4 of 6)***

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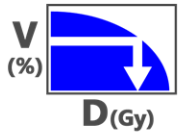
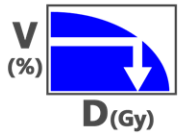
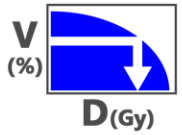
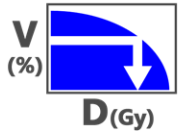
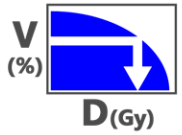
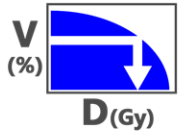
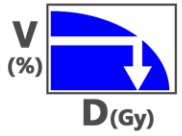
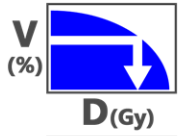
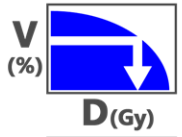
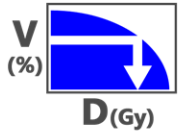
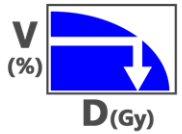
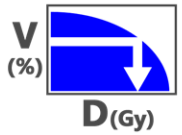
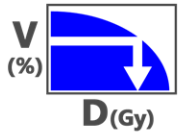
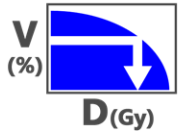
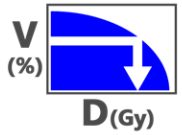
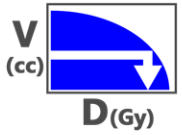
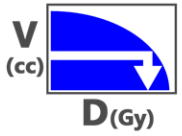
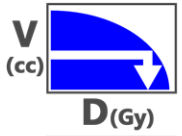
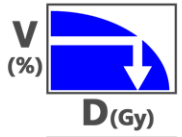
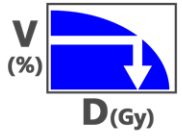
|---|---|---|---|---|
| 31 |  | Dose (Gy) covering 100 (%) of the LARYNX (EDEMA) | 1 | ≤ 80 ≥ 80.00 |
| 32 |  | Dose (Gy) covering 100 (%) of the LENS (CATARACTS) | 1 | ≤ 18 ≥ 18.00 |
| 33 |  | Dose (Gy) covering 100 (%) of the LIVER (LIVER FAILURE) | 1 | ≤ 40 ≥ 40.00 |
| 34 |  | Dose (Gy) covering 66.666 (%) of the LIVER (LIVER FAILURE) | 1 | ≤ 45 ≥ 45.00 |
| 35 |  | Dose (Gy) covering 33.333 (%) of the LIVER (LIVER FAILURE) | 1 | ≤ 55 ≥ 55.00 |
| 36 |  | Dose (Gy) covering 100 (%) of the LUNG (PNEUMONITIS) | 1 | ≤ 24.5 ≥ 24.50 |
| 37 |  | Dose (Gy) covering 66.666 (%) of the LUNG (PNEUMONITIS) | 1 | ≤ 40 ≥ 40.00 |
| 38 |  | Dose (Gy) covering 33.333 (%) of the LUNG (PNEUMONITIS) | 1 | ≤ 65 ≥ 65.00 |
| 39 |  | Dose (Gy) covering 100 (%) of the OPTIC CHIASM (BLINDNESS) | 1 | ≤ 65 ≥ 65.00 |
| 40 |  | Dose (Gy) covering 100 (%) of the OPTIC NERVE (BLINDNESS) | 1 | ≤ 65 ≥ 65.00 |

***Plan Quality Algorithm: Emami TD 50-5 [56 Max Possible] [56 Metrics] (Page 5 of 6)***

| | | | | |
|---|---|---|---|---|
| 41 |  | Dose (Gy) covering 100 (%) of the PAROTID GLAND (XEROSTOMIA) | 1 | ≤ 46 ≥ 46.00 |
| 42 |  | Dose (Gy) covering 66.666 (%) of the PAROTID GLAND (XEROSTOMIA) | 1 | ≤ 46 ≥ 46.00 |
| 43 |  | Dose (Gy) covering 100 (%) of the RECTUM (SEVERE PROCTITIS, NECROSIS, FISTULA, STENOSIS) | 1 | ≤ 80 ≥ 80.00 |
| 44 |  | Dose (Gy) covering 100 (%) of the RETINA (BLINDNESS) | 1 | ≤ 65 ≥ 65.00 |
| 45 |  | Dose (Gy) covering 33.333 (%) of the RIBCAGE (PATHOLOGIC FRACTURE) | 1 | ≤ 65 ≥ 65.00 |
| 46 |  | Dose (Gy) covering 100 (cc) of the SKIN (NECROSIS, ULCERATION) | 1 | ≤ 65 ≥ 65.00 |
| 47 |  | Dose (Gy) covering 10 (cc) of the SPINAL CORD (MYELITIS, NECROSIS) | 1 | ≤ 70 ≥ 70.00 |
| 48 |  | Dose (Gy) covering 5 (cc) of the SPINAL CORD (MYELITIS, NECROSIS) | 1 | ≤ 70 ≥ 70.00 |
| 49 |  | Dose (Gy) covering 100 (%) of the SMALL INTESTINE (OBSTRUCTION, PERFORATION) | 1 | ≤ 55 ≥ 55.00 |
| 50 |  | Dose (Gy) covering 33.333 (%) of the SMALL INTESTINE (OBSTRUCTION, PERFORATION) | 1 | ≤ 60 ≥ 60.00 |

***Plan Quality Algorithm: Emami TD 50-5 [56 Max Possible] [56 Metrics] (Page 6 of 6)***

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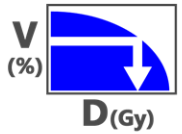
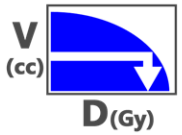
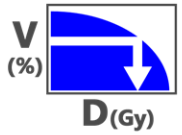
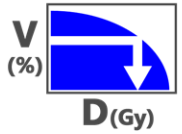
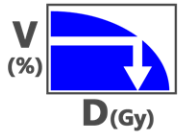
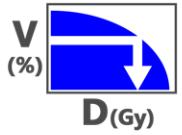
|---|---|---|---|---|
| 51 |  | Dose (Gy) covering 100 (%) of the STOMACH (ULCERATION, PERFORATION) | 1 | ≤ 65 ≥ 65.00 |
| 52 |  | Dose (Gy) covering 66.666 (cc) of the STOMACH (ULCERATION, PERFORATION) | 1 | ≤ 67 ≥ 67.00 |
| 53 |  | Dose (Gy) covering 33.333 (%) of the STOMACH (ULCERATION, PERFORATION) | 1 | ≤ 70 ≥ 70.00 |
| 54 |  | Dose (Gy) covering 100 (%) of the TMJ MANDIBLE (LIMITED JOINT FUNCTION) | 1 | ≤ 72 ≥ 72.00 |
| 55 |  | Dose (Gy) covering 66.666 (%) of the TMJ MANDIBLE (LIMITED JOINT FUNCTION) | 1 | ≤ 72 ≥ 72.00 |
| 56 |  | Dose (Gy) covering 33.333 (%) of the TMJ MANDIBLE (LIMITED JOINT FUNCTION) | 1 | ≤ 77 ≥ 77.00 |