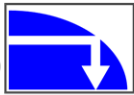
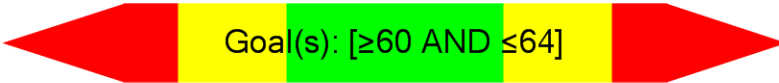
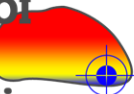

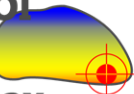

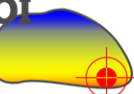


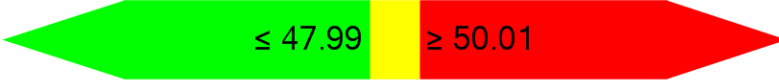






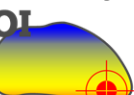

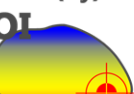



## Plan Quality Algorithm: RTOG 0920 Head and Neck [35 Max Possible] [35 Metrics] (Page 1 of 4)

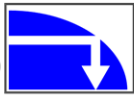


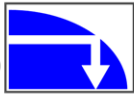





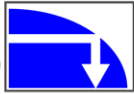


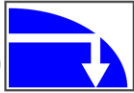








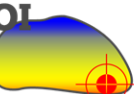


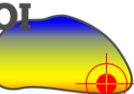


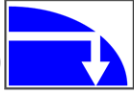


minimum dose of 58Gy is a minor deviation  
maximum dose of 66Gy is a minor deviation

1	 Dose (Gy) covering 95 (%) of the PTV60	1	
2	 Minimum dose (Gy) inside the PTV60 (GREATER THAN 8MM FROM SKIN)	1	
3	 Maximum dose (Gy) inside the PTV60	1	
4	 Maximum dose (Gy) inside the BODY - PTV	1	
5	 Dose (Gy) covering 0.03 (cc) of the SPINAL_CORD_PRV	1	
6	 Dose (Gy) covering 0.01 (cc) of the SPINAL_CORD_PRV	1	
7	 Dose (Gy) covering 0.03 (cc) of the BRAINSTEM_PRV	1	
8	 Mean dose (Gy) inside the LIPS	1	
9	 Maximum dose (Gy) inside the LIPS (ORAL CAVITY CANCER)	1	
10	 Maximum dose (Gy) inside the LIPS (NON ORAL CAVITY CANCER)	1	









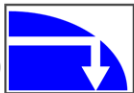
## Plan Quality Algorithm: RTOG 0920 Head and Neck [35 Max Possible] [35 Metrics] (Page 2 of 4)

11	ROI  Max (Gy)	Maximum dose (Gy) inside the ORAL CAVITY	1	 ≤ 59.99 ≥ 60 
12	ROI  Mean (Gy)	Mean dose (Gy) inside the ORAL CAVITY (ORAL CAVITY CANCER)	1	 ≤ 49.99 ≥ 50 
13	ROI  Mean (Gy)	Mean dose (Gy) inside the ORAL CAVITY (NON ORAL CAVITY CANCER)	1	 ≤ 29.99 ≥ 30 
14	ROI  Mean (Gy)	Mean dose (Gy) inside the RIGHT PAROTID	1	 ≤ 25.99 ≥ 26 
15	V  (%) D(Gy)	Dose (Gy) covering 50 (%) of the RIGHT PAROTID	1	 ≤ 29.99 ≥ 30 
16	ROI  Mean (Gy)	Mean dose (Gy) inside the LEFT PAROTID	1	 ≤ 25.99 ≥ 26 
17	V  (%) D(Gy)	Dose (Gy) covering 50 (%) of the LEFT PAROTID	1	 ≤ 29.99 ≥ 30 
18	V  (cc) D(Gy)	Dose (Gy) covering 20 (cc) of the TOTAL PAROTID	1	 ≤ 19.99 ≥ 20 
19	V  (%) D(Gy)	Dose (Gy) covering 33 (%) of the OARPHARYNX	1	 ≤ 50 ≥ 50.00 
20	ROI  Mean (Gy)	Mean dose (Gy) inside the OARPHARYNX	1	 ≤ 44.99 ≥ 45 

## Plan Quality Algorithm: RTOG 0920 Head and Neck [35 Max Possible] [35 Metrics] (Page 3 of 4)

21	 V (%) D(Gy)	Dose (Gy) covering 15 (%) of the OARPHARYNX	1	 ≤ 60 ≥ 60.00 
22	 V (%) D(Gy)	Dose (Gy) covering 33 (%) of the CERVICAL ESOPHAGUS (OROPHARYNGEAL CANCER)	1	 ≤ 45 ≥ 45.00 
23	 ROI Mean (Gy)	Mean dose (Gy) inside the CERVICAL ESOPHAGUS (OROPHARYNGEAL CANCER)	1	 ≤ 34.99 ≥ 35 
24	 V (%) D(Gy)	Dose (Gy) covering 15 (%) of the CERVICAL ESOPHAGUS (OROPHARYNGEAL CANCER)	1	 ≤ 54 ≥ 54.00 
25	 V (%) D(Gy)	Dose (Gy) covering 33 (%) of the CERVICAL ESOPHAGUS (LARYNX CANCER)	1	 ≤ 50 ≥ 50.00 
26	 ROI Mean (Gy)	Mean dose (Gy) inside the CERVICAL ESOPHAGUS (LARYNX CANCER)	1	 ≤ 44.99 ≥ 45 
27	 V (%) D(Gy)	Dose (Gy) covering 15 (%) of the CERVICAL ESOPHAGUS (LARYNX CANCER)	1	 ≤ 60 ≥ 60.00 
28	 ROI Max (Gy)	Maximum dose (Gy) inside the GLOTTIC AND SUPRAGLOTTIC LARYNX	1	 ≤ 44.99 ≥ 45 
29	 ROI Max (Gy)	Maximum dose (Gy) inside the MANDIBLE	1	 ≤ 65.99 ≥ 66 
30	 V (%) D(Gy)	Dose (Gy) covering 5 (%) of the UNSPECIFIED TISSUE OUTSIDE TARGETS	1	 ≤ 58 ≥ 58.00 

## Plan Quality Algorithm: RTOG 0920 Head and Neck [35 Max Possible] [35 Metrics] (Page 4 of 4)

31	 D(Gy)	Dose (Gy) covering 1 (cc) of the UNSPECIFIED TISSUE OUTSIDE TARGETS	1	
32	 D(Gy)	Dose (Gy) covering 1 (%) of the UNSPECIFIED TISSUE OUTSIDE TARGETS (WITH BOOST)	1	
33	 D(Gy)	Dose (Gy) covering 5 (%) of the UNSPECIFIED TISSUE OUTSIDE TARGETS (WITH BOOST)	1	
34	 D(Gy)	Dose (Gy) covering 1 (cc) of the UNSPECIFIED TISSUE OUTSIDE TARGETS (WITH BOOST)	1	
35	 D(Gy)	Dose (Gy) covering 1 (%) of the UNSPECIFIED TISSUE OUTSIDE TARGETS	1	