

# IMRT HEAD AND NECK Treatment Plan Statistics for Standard IMRT H/N Treatments

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ROC: 20092474  
PLAN DATE: 2010-01-21 14:56:58

Plan ID: HEAD\_NECK  
Rev: R01.P01.D01

Trial ID: WLT\_Approved  
Treated Site: ☐ LT ☒ BILATERAL ☐ RT

Total Dose: 7000 cGy  
Dose Prescribed To: PTV 7000

Per Fraction Dose: 200.0 cGy/Fx  
Prescription Isodose: 96.5%

## Priority 1

Max. CORD + MARGIN dose = 5691.4 cGy (<5200 cGy)  
Vol. CORD + MARGIN > 50 Gy = 1.7 cc (<1 cc)  
Max. CORD dose = 3770.8 cGy (<4000 cGy)  
Max. OPTIC CHIASM dose = 290.6 cGy (<5400 cGy)

Max. BRAIN dose = 6308.1 cGy (<6000 cGy)  
% BRAIN >65 Gy = 0.0% (<1.0%)  
Max. BRAINSTEM dose = 4973.6 cGy (<5400 cGy)  
% BRAINSTEM >60 Gy = 0.0% (<1.0%)  
% BRAINSTEM >54 Gy = 0.0% (<5.0%)  
Max. RT OPTIC NERVE dose = 301.0 cGy (<5400 cGy)  
% RT EYE >50 Gy = 0.0% (<1.0%)  
% RT EYE >45 Gy = 0.0% (<5.0%)

Max. LT OPTIC NERVE dose = 378.9 cGy (<5400 cGy)  
% LT EYE >50 Gy = 0.0% (<1.0%)  
% LT EYE >45 Gy = 0.0% (<5.0%)

## Priority 2

Max. PTV 7000 dose = 7924.6 cGy  
Mean PTV 7000 dose = 7242.1 cGy  
Min PTV 7000 dose = 3487.2 cGy  
Mean PTV 5600 dose = 5952.5 cGy  
Min PTV 5600 dose = 3943.6 cGy

% PTV 7000 >110% of Rx (7700.0) = 0.4%  
% PTV 7000 <95% of Rx (6650.0) = 2.2%  
(No more than 20% > 1.1\*Rx, no more than 1% < 0.95\*Rx)  
% PTV 5600 <95% of Rx (5320.0) = 1.3%  
(No more than 1% < 0.95\*Rx)

## Priority 3

Mean LARYNX dose = 6191.1 cGy  
Mean UPPER ESOPHAGUS dose = 1613.5 cGy  
D60 Pharynx = N/A

(<45 Gy for BILATERAL, <25 Gy for LT or RT)  
(<45 Gy for BILATERAL, <25 Gy for LT or RT)  
(<60 Gy for BILATERAL, <45 Gy for LT or RT)

## Priority 4

Mean LT PAROTID dose = 6576.1 cGy  
Mean RT PAROTID dose = 1502.5 cGy  
Vol. Total Parotid < 20 Gy = N/A  
Mean LT SUBMANDIBULAR dose = 7228.0 cGy  
Mean RT SUBMANDIBULAR dose = 7089.6 cGy  
Mean ORAL CAVITY dose = 7187.9 cGy

(<26 Gy for BILATERAL or LT, <10 Gy for RT)  
(<26 Gy for BILATERAL or RT, <10 Gy for LT)

(<39 Gy for BILATERAL or LT, <24 Gy for RT)  
(<39 Gy for BILATERAL or RT, <24 Gy for LT)  
(<35 Gy for BILATERAL, <20 Gy for LT or RT)

## Priority 5

Max. Skin - PTVs dose = N/A  
% MANDIBLE >Rx dose = 0.0% (<5.0%)

Max. GTV 7000 dose = N/A  
Mean GTV 7000 dose = N/A  
Min GTV 7000 dose = N/A

PREPARED BY: \_\_\_\_\_

REVIEWED BY: \_\_\_\_\_