

## Names of delineated structures

GTV-prim	Gross Tumor Volume – Primary tumor
50%SUVmax	Area of the GTV with a FDG $SUV_{max} > 50\%$
HX4_TBR>1.4	Area of the GTV with a HX4 tumor-to-background ratio $> 1.4$
GTV-ln	Gross Tumor Volume – Lymph nodes
CTV-prim	Clinical Target Volume – Primary tumor
CTV-ln	Clinical Target Volume – Lymph nodes
PTV-prim	Planning Target Volume – Primary tumor
PTV-highFDG	Planning Target Volume – boost volume FDG (50%SUVmax)
PTV-highHX4	Planning Target Volume – boost volume HX4 (TBR>1.4)
PTV-prim_edit	PTV primary tumor with editing of the overlap region with the OAR
PTV-highFDG_edit	PTV high FDG area with editing of the overlap region with the OAR
PTV-highHX4_edit	PTV high HX4 area with editing of the overlap region with the OAR
PTV-ln	Planning Target Volume – Lymph nodes
Lung_R	Right lung
Lung_L	Left lung
Spinal_cord	Spinal cord (not the canal, but the actual spinal cord)
Esophagus	Esophagus
Heart	Heart (without the vessels)
MediastEnvelop	All big vessels, trachea, bronchi and heart
PRVmediast	Mediast envelop with an added margin of 5 mm
Brac_Plx_R	Right Brachial Plexus
Brac_Plx_L	Left Brachial Plexus
NS_*	Non-standard structures, created as extra help for treatment planning

Even AJG, van der Stoep J, Zegers CML et al. PET-based dose painting in non-small cell lung cancer: Comparing uniform dose escalation with boosting hypoxic and metabolically active sub-volumes. Radiother Oncol (2015)