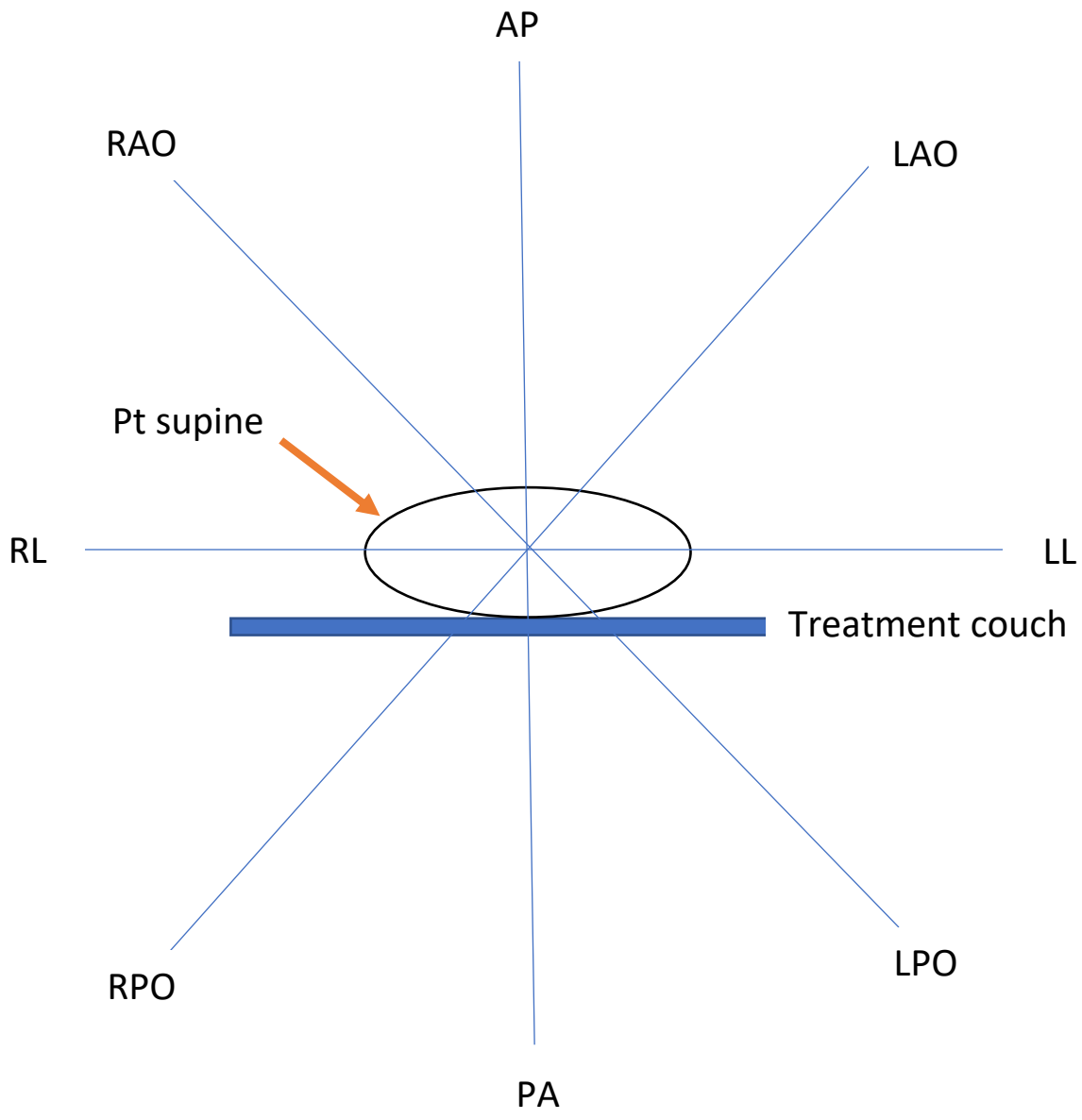
Beam Direction



IORT DELIVERY TECHNOLOGY & CODING

Based on FORDS Manual

Equipment	Dose Delivery Method	Modality	Code	Comments
Zeiss Intrabeam	50 kVp Linac	Orthovoltage	21	Isotope-free. No radioactive source used.
XOFT Axxent	50 kVp Linac	Orthovoltage	21	Isotope-free. No radioactive source used.
LIAC 10 by Sordina IORT	Electron Accelerator	Electron	28	Max energy is 10 MeV
LIAC 12 by Sordina IORT	Electron Accelerator	Electron	28	Max energy is 12 MeV
NOVAC by Sordina IORT	Electron Accelerator	Electron	28	
Mobetron	Electron Accelerator	Electron	28	Electron energies of 6 MeV, 9 MeV, 12 MeV
Strut Assisted Volume Implant (SAVI)	Ir-192 source	HDR	52	Most applications are HDR, intracavitary
Mammosite	Ir-192 source	HDR	52	Most applications are HDR, intracavitary
Contura MLB	Ir-192 source	HDR	52	Most applications are HDR, intracavitary

IORT Delivery Technology & Coding

Based on STORE 2018 Manual

Equipment	Dose Delivery Method	RT Modality	Planning Code	Comments
Zeiss Intrabeam	50 kVp Linac	12, Brachytherapy, electronic	02	Isotope-free. No radioactive source used.
XOFT Axxent	50 kVp Linac	12, Brachytherapy, electronic	02	Isotope-free. No radioactive source used.
LIAC 10 by Sordina IORT	Electron Accelerator	04, Electron	01	Max energy is 10 MeV
LIAC 12 by Sordina IORT	Electron Accelerator	04, Electron	01	Max energy is 12 MeV
NOVAC 11 by Sordina IORT	Electron Accelerator	04, Electron	01	4 MeV to 10 MeV
Mobetron	Electron Accelerator	04, Electron	01	Electron energies of 6 MeV, 9 MeV, 12 MeV
Strut Assisted Volume Implant (SAVI)	Ir-192 source	09, Brachytherapy, intracavitary, HDR	88	Most applications are HDR, intracavitary
Mammosite	Ir-192 source	09, Brachytherapy, intracavitary, HDR	88	Most applications are HDR, intracavitary
Contura MLB	Ir-192 source	09, Brachytherapy, intracavitary, HDR	88	Most applications are HDR, intracavitary

Prepared by Wilson Apollo
WHA Consulting

Patient and Disease Information	
Report Date	
Name	
Date of Birth	
Sequence Number	
Medical Record Number	
Date of Diagnosis	
Phase I Radiation	
Phase I Primary Treatment Volume	
Phase I to Draining Lymph Nodes	
Phase I Treatment Modality	
Phase I External Beam Planning Technique	
Phase I Dose Per Fraction (cGy)	
Phase I Number of Fractions	
Phase I Total Dose (cGy)	
Phase II Radiation	
Phase II Primary Treatment Volume	
Phase II to Draining Lymph Nodes	
Phase II Treatment Modality	
Phase II External Beam Planning Technique	
Phase II Dose Per Fraction (cGy)	
Phase II Number of Fractions	
Phase II Total Dose (cGy)	
Course Summary	
Total Dose in Radiation Course (cGy)	
Date Radiation Started	
Date Radiation Ended	
Number of Phases	
Radiation Treatment Discontinued Early?	
Radiation/Surgery Sequence	
Rad Onc	

USEFUL ABBREVIATIONS

Abbreviations	Term
AP	Anterior-Posterior
BED	Biologica Equivalent Dose
BID	Twice a day
CAX	Central Axis
cGy	Centigray, 1/100th of a Gy
CTV	Clinical Tumor Volume
Dmax	Depth of Maximum Dose
DMLC	Dynamic Multileaf Collimator
DVH	Dose-Volume Histogram
Dx	Diagnosis
EBRT	External Beam Radiation Therapy
EFRT	Extended Field Radiation Therapy
ENLs	Extranodal Lymphomas
EPID	Electronic Portal Imaging Device
Fx	Fraction
GTV	Gross Tumor Volum
Gy	Gray, unit of absorbed dose
IFD	Intra-field Distance (separation)
IFRT	Involved Field Radiation Therapy
IGRT	Image-guided Radiation Therapy
INRT	Involved Nodal Radiation Therapy
IORT	Intraoperative Radiation Therapy
ISRT	Involved Site RadiationTherapy
ITV	Irradiated Tumor Volume
LAO	Left Anterior Oblique
LL	Left Lateral
LPO	Left Posterior Oblique
MLC	Multileaf Collimator
MP	Midplane
MU	Monitor Unit
OAR	Organs at Risk
OBI	On-Board Imaging
ODI	Optical Distance Indicator
PA	Posterior-Anterior
PSA	Patient Support Assembly (treatment couch)
PTV	Planning Tumor Volume
R&V	Record and Verify
RAO	Right Anterior Oblique
RBE	Relative Biological Effect
RL	Right Lateral
RPO	Right Posterior Oblique
Rx	Prescription
SAD	Source-to-Axis Distance
SART	Stereotactic Ablative Radiation Therapy
SBPT	Stereotactic Body Proton Therapy
SDD	Source-to-Diaphragm Distance
SSD	Source-to-Skin Distance
STD	Source-to-Target Distance
TBI	Total Body Irradiation
TID	Three times a day
TSEB	Total Skin Electron Boost