

# **RADIATION THERAPY**

## **Glossary – ABBREVIATIONS**

**The CAMRT exam uses the metric system.**

ALARA	as low as is reasonably achievable
AP/PA	anteroposterior/posteroanterior
BEV	Beam's eye view
BID	twice daily
CBC	complete blood count
CBCT	cone beam computed tomography
C. Diff	clostridium difficile
CEA	carcinoembryonic antigen
C&S	culture and sensitivity
CNS	central nervous system
COPD	Chronic Obstructive Pulmonary Disease
CPR	cardiopulmonary resuscitation
CSF	cerebrospinal fluid
CT	computed tomography
CT sim	computed tomography simulation
CTV	clinical target volume
DCIS	ductal carcinoma in situ
DIBH	deep inspiration breath hold
$d_{\max}$	depth of maximum dose
DNR	do not resuscitate
DOF	degrees of freedom
DRE	digital rectal exam
DRR	digitally reconstructed radiographs
DVH	dose volume histogram
EBRT	external beam radiation therapy
EPI	electronic portal image

ER	estrogen receptor
FIGO	Federation of International Gynaecologists and Obstetricians
FSD	Focus to skin distance
GBM	glioblastoma multiforme
GTV	gross tumor volume
HDR	high dose rate
HER2	human epidermal growth factor receptor 2
HIV	human immune virus
HPV	human papilloma virus
HVT	half value thickness
ICP	intracranial pressure
IGRT	image guided radiation therapy
IMC	internal mammary chain
IMN	internal mammary node
IMRT	intensity modulated radiation therapy
ITV	internal target volume
IV	intravenous
kV	kilovolt
LDR	low dose rate
MLC	multi-leaf collimator
MU	monitor unit
MRI	Magnetic Resonance Imaging
MRSA	methicillin resistant staphylococcus aureus
MV	megavolt
OAR	organ at risk
OBI	on-board imager
ODI	optical distance indicator
pap smear	papanicolaou smear
PBI	partial breast irradiation
PET	positron emission tomography
PCI	prophylactic cranial irradiation
PDD	percentage depth dose

PDR	pulse dose rate
POP	parallel opposed pair
PR	progesterone receptor
PRV	planning organ at risk volume
PSA	prostatic specific antigen
PSF	peak scatter factor
PTV	planning target volume
QA	quality assurance
RDF	relative dose factor
RO	radiation oncologist
ROF	relative output factor
SAD	source axis distance
SBRT	stereotactic body radiation therapy
SFD	source film distance
SRS	stereotactic radiosurgery
SIB	simultaneous integrated boost
SRT	stereotactic radiotherapy
SSD	source skin distance
SSN	supra sternal notch
SVCO	superior vena cava obstruction
TAHBSO	total abdominal hysterectomy bilateral salpingo-oophorectomy
TBI	total body irradiation
TLD	thermoluminescent dosimeter
TRUS	transrectal ultrasound
TPR	tissue phantom ratio
U/S	Ultrasound
VMAT	volumetric modulated arc therapy
VRE	vancomycin-resistant enterococci
WBRT	whole brain radiation therapy
WHMIS	Workplace Hazardous Materials Information System
3DCRT	3-dimensional conformal radiation therapy
4DCT	Four-dimensional computed tomography

## **DEFINITIONS**

Patient chart:	patient complete medical information
Treatment prescription:	radiation oncologist prescribed time/dose/fractionation
Treatment record:	treatment sheet