

GLOSSARY

RADIATION THERAPY

ACRONYMS

| | |
|-----------|--|
| ALARA | as low as is reasonably achievable |
| AP/PA | anteroposterior/posteroanterior |
| BID | twice daily |
| CBC | complete blood count |
| CBCT | cone beam computed tomography |
| C. Diff | clostridium difficile |
| C&S | culture and sensitivity |
| CNS | central nervous system |
| CSF | cerebrospinal fluid |
| CPR | cardiopulmonary resuscitation |
| CT | computed tomography |
| CT sim | computed tomography simulation |
| CTV | clinical target volume |
| DCIS | ductal carcinoma in situ |
| 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 |
| 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 |

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|-----------|---|
| ICP | intracranial pressure |
| IGRT | image guided radiation therapy |
| IMC | internal mammary chain |
| 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 | methycillin 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 |

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|--------|--|
| SFD | source film distance |
| SRS | stereotactic radiosurgery |
| 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 |
| 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

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