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| **Bøker** (sortert nyest til eldst) | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
| Podgoršak, E. B. Radiation Physics for Medical Physicists. 2016 |  |  | x | x |  |  |  |  |
| Todd Pawlicki,‎ “Hendee’s Radiation Therapy Physics”, 2016 |  |  | x | x |  |  |  |  |
| Khan, Faiz M., and John P. Gibbons. Khan’s the Physics of Radiation Therapy. 2014 |  |  | x | x |  |  |  |  |
| Joiner, van der Kogel, “Basic Clinical Radiobiology”, 2009 |  |  |  |  |  | x |  |  |
| Mayles, Philip, Alan E. Nahum, and Jean-Claude Rosenwald. Handbook of Radiotherapy Physics Theory and Practice. Boca Raton: Taylor & Francis, 2007 |  |  | x | x |  |  |  |  |
| Eric J. Hall, Amato J. Giaccia, “Radiobiology for the Radiologist”, 2006 |  |  |  |  |  | x |  |  |
| [E.B. Podgoršak tecnichal editor, “Radiation Oncology Physics: A handbook for teachers and students”, IAEA, 2005](http://www-pub.iaea.org/MTCD/publications/PDF/Pub1196_web.pdf) | x | x | x | x | x |  | x |  |
| B.H. Bransden & C.J. Joachain, “Physics of Atoms and Molecules”, Longman, 2003 |  |  | x | x |  |  |  |  |
| F.H. Attix, “Introduction to Radiological Physics and Radiation Dosimetry”, Wiley, 1986 |  |  | x | x |  |  |  |  |
| Anderson DW. ”Absorption of ionizing radiation”. Baltimore: University Park Press, 1984 |  |  | x | x |  |  |  |  |
| Hallstadius L, Hertzman S. ”Joniserende strålnings växelverkan med materia”. LUNFD6/(NFRA-3040)/1-126. Lund: Lunds Universitet, Radiofysiska Institutionen, 1983 |  |  | x |  |  |  |  |  |

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| **Kurs**  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
| ESTRO: [Basic Clinical Radiobiology](https://www.estro.org/Courses/Basic-Clinical-Radiobiology) (Webinar i 2020) |  |  |  |  | x |  |  |  |
| ESTRO: [Physics for Modern Radiotherapy](https://www.estro.org/Courses) (online i 2020) | x | x | x | x |  | x | x | x |
| ESTRO: [Dose Modelling and Verification](https://www.estro.org/Courses/Course-2020/Dose-Modelling-Verification-and-External-Beam-Radi) |  |  |  |  | x |  |  |  |
| NTNU: [FY6021 – Ioniserende stråling – vekselvirkningsmekanismer og dosimetri](https://www.ntnu.no/studier/emner/FY6021#tab=omEmnet) |  |  | x | x |  |  |  |  |

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| **Rapporter/retningslinjer** (sortert på utgiver) | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
| [Statens Strålevern, Veileder 6: Veileder om stråleterapi](https://dsa.no/publikasjoner?type=Veileder&tema=medisinsk-stralebruk) |  |  |  |  |  | x |  |  |
| **AAPM** Report No. 67 (1999), AAPM’s TG-51 protocol for clinical reference dosimetry of high-energy photon and electron beams |  |  |  | x |  |  |  |  |
| **AAPM** Report no 87 (2005), Diode in vivo dosimetry for patients receiving external beam for radiation therapy |  |  |  | x |  |  |  |  |
| **AAPM** Report No. 258 (2014), Monitor unit calculations for external photon and electron beams: Report of the AAPM Therapy Physics Committee Task Group No. 71 |  |  | x | x |  |  |  |  |
| **AAPM** Report No. 091 (2006), The Management of Respiratory Motion in Radiation Oncology |  |  |  |  |  |  |  |  |
| **IAEA** Technical report series no. 398, “Absorbed dose determination in external beam radiotherapy: An International Code of Practice”, IAEA,”, 2000 |  |  |  | x |  |  |  |  |
| **[IAEA](https://www.aapm.org/pubs/reports/rpt_87.pdf%22%20%5Ct%20%22_blank)** [Technical report series no. 381, ”The Use of Plane-parallel Chambers in High energy Electron and Photon Beams: An International Code of Practice”, IAEA, 1997](https://www.aapm.org/pubs/reports/rpt_87.pdf%22%20%5Ct%20%22_blank) |  |  |  | x |  |  |  |  |
| **ICRU** Report 64, ”Dosimetry of high-energy photon beams on standards of absorbed dose to water.” International Commission on Radiation Units and Measurements. Ashford, Kent: Nuclear Technology Publishing, 2001. Journal of the ICRU 2001; 1 (1): 1-91. |  |  |  | x |  |  |  |  |
| **IPEM** Working Party: D I Thwaites (Chair), A R DuSautoy, T Jordan, M R McEwen, A Nisbet, A E Nahum and W G Pitchford, “The IPEM code of practice for electron dosimetry for radiotherapy beams of initial energy from 4 to 25 MeV based on an absorbed dose to water calibration”, 2003 |  |  |  | x |  |  |  |  |

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| **Nettressurser**  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
| ESTRO booklets ([www.estro.org](http://www.estro.org/)): |  |  |  |  |  |  |  |  |
| ESTRO booklet #1: “Methods for in vivo dosimetry in external radiotherapy” |  |  |  | x |  |  |  |  |
| ESTRO booklet #6: “Monitor Unit Calculation For High Energy Photon Beams, Practical Example”  |  |  |  |  |  |  | x |  |
| ESTRO booklet #7: “Quality Assurance of Treatment Planning Systems – Practical Examples for non-IMRT Photon Beams”  |  |  |  |  |  |  | x |  |
| ESTRO booklet #9: ”Guidelines for the verification of IMRT”  |  |  |  |  |  |  | x |  |
| ESTRO booklet #10: “Independent Dose Calculations Concepts and Models” |  |  |  |  |  |  | x |  |
| E-læring: [IAEA “Quality and Safety in Radiotherapy](https://www.iaea.org/resources/rpop) |  |  |  |  |  |  |  | X |
| Forelening på nett: [School on Medical Physics for Radiation Therapy (ICTP Applied Physics)](https://www.youtube.com/playlist?list=PL6S8U84PCLB0JdazGAqNbwnYbQF-RV9zc) | x | x | x | x | x | x | x | x |