

## Radiation Oncology Resources

### Anatomy:

E-Anatomy (yearly subscription)

- <http://www.imaios.com/en/e-Anatomy>

Head and Neck Anatomy ( Free )

- <http://headneckbrainspine.com/>

General Anatomy Pictures

- [http://www.med.wayne.edu/diagradiology/anatomy\\_modules/Page1.html](http://www.med.wayne.edu/diagradiology/anatomy_modules/Page1.html)

ENT Larynx Pictures

- [http://www.entusa.com/larynx\\_photo.htm](http://www.entusa.com/larynx_photo.htm)

Radiation Assistant

- <http://www.radiologyassistant.nl/en/p42023a885587e/welcome-to-the-radiology-assistant.html>

Cross-section nodal atlas:

- <http://radiology.rsna.org/content/211/3/815.full>

### Contouring/Treatment planning:

RTOG Contouring Atlases

- <http://www.rtog.org/CoreLab/ContouringAtlases.aspx>

RTOG Protocols (open and closed)

- <http://www.rtog.org/ClinicalTrials/ProtocolTable.aspx>

AAMD multiple PowerPoints available for free

- <http://medicaldosimetry.org/meetings/archives.cfm>

Prostate Contouring:

- <http://www.prostadoodle.com/>

GI Contouring

- <http://www.med.umich.edu/radonc/education/contouratlas/index.htm>

## **Educational resources:**

### **Resources for Radiation Oncology Studies**

Overview of most topics in Radiation Oncology

- [http://en.wikibooks.org/wiki/Radiation\\_Oncology](http://en.wikibooks.org/wiki/Radiation_Oncology)

ARRO Educational Resources (webinars require ASTRO log-in but cases, radiation biology lectures and image challenges are free)

- <https://www.astro.org/Resident-Resources.aspx>

ASTRO Virtual meetings (Lectures from all prior ASTRO meetings, for purchase)

- <http://conference-cast.com/ASTRO/common/conferences.aspx>

Pediatric Oncology and Pediatric Radiation Oncology

- <http://www.pedsoncologyeducation.com/>

Pediatric Oncology and Radiation Oncology (founded by St Jude)

- <https://www.cure4kids.org/ums/home/>

National Cancer Institute

- <http://www.cancer.gov/cancertopics>

ASCO (American Society of Clinical Oncology) (some free some require payment)

- <http://www.asco.org/professional-development>

Science Direct (Journal Articles)

- <http://www.sciencedirect.com/>

QxMD (App for Android/Ipad for Journal Articles)

- <http://www.qxmd.com/>

### **Clinical tools:**

ChartRounds (free, discuss cases and radiation treatment plans with experts in the field)

- <http://www.chartrounds.com/>

Mednet (discuss cases and questions with radiation oncologists)

- <https://www.themednet.org/site/about>

Adjuvant Online

- <https://www.adjuvantonline.com/>

MSKCC Prediction tools (Nomograms)

- <http://www.mskcc.org/cancer-care/prediction-tools>

Cleveland Clinic risk calculators:

- [http://www.lerner.ccf.org/qhs/risk\\_calculator/](http://www.lerner.ccf.org/qhs/risk_calculator/)

## **Guidelines:**

National Comprehensive Cancer Network (NCCN guidelines)

- [http://www.nccn.org/professionals/physician\\_gls/f\\_guidelines.asp](http://www.nccn.org/professionals/physician_gls/f_guidelines.asp)

ASTRO guidelines:

- <https://www.astro.org/Clinical-Practice/Guidelines/Index.aspx>

American College of Radiology Appropriateness Criteria:

- <http://www.acr.org/quality-safety/appropriateness-criteria>

American Brachytherapy Society guidelines:

- <http://www.americanbrachytherapy.org/guidelines/index.cfm>

ASCO guidelines:

- <http://www.asco.org/institute-quality/guidelines>

European Society for Medical Oncology guidelines:

- <http://www.esmo.org/Guidelines-Practice>

American Urological Association guidelines:

- <http://www.auanet.org/education/aua-guidelines.cfm>

## **Global Cancer Health Resources:**

International Atomic Energy Agency: latest information on radiation facilities worldwide, IAEA reports

- <http://iaea.org/Publications/>

GLOBOCAN Project: WHO--Project to track incidence, mortality, prevalence of major type of cancer in 184 countries.

- <http://globocan.iarc.fr/>

The Lancet Global Health

- <http://www.thelancet.com/journals/langlo/latestcontent>

The Journal of Epidemiology and Global Health

- <http://www.elsevier.com/journals/journal-of-epidemiology-and-global-health/2210-6006>

Journal of Cancer Policy

- <http://www.journals.elsevier.com/journal-of-cancer-policy/>

World Health Organization: Latest news and reports on noncommunicable diseases

- <http://www.who.int/mediacentre/factsheets/fs355/en/>

## **Additional ARRO Resources**

ARROCase

- ARROCase is a peer-reviewed publicly accessible educational database including case vignettes and contouring examples for residents in radiation oncology. ARROCase aims to highlight key aspects of radiotherapy for different disease sites through sample cases.
- <https://www.astro.org/ARROcase.aspx>

Radiobiology Lectures

- The lecture series is provided courtesy of William McBride PhD, DSc, a professor in the department of radiation oncology at the University of California, Los Angeles. The lectures cover core topics in radiobiology that are fundamental to residents in training.
- <https://www.astro.org/Affiliate/ARRO/Resident-Resources/Educational-Resources/Radiobiology-Lectures/>

Image Challenge

- ARRO Image challenge questions use diagnostic and treatment planning images to highlight key concepts in radiation oncology.
- [https://www.astro.org/Image-Challenge.aspx#data\\_cat=&data\\_keyword=](https://www.astro.org/Image-Challenge.aspx#data_cat=&data_keyword=)

ARRO Academic and Business Curriculum for Residents in Radiation Oncology

- The ARRO Academic and Business Curriculum for Residents in Radiation Oncology is a series of lectures intended to supplement less commonly covered, practical topics that may be relevant to radiation oncology residents. Each year different topics will be selected from the ARRO Annual Seminar for inclusion into the curriculum.
- <https://www.astro.org/Affiliate/ARRO/Resident-Resources/Educational-Resources/Curriculum/>