DEFINITIONS

Radiography

- The use of radioactive waves or materials for the diagnosis and treatment of medical problems. X-ray, magnetic resonance imaging (MRI), positron emission tomography (PET), and computed tomography (CT) are among the methods used by radiologists, radiographers, and radiologic technicians to take images of bone and tissue for diagnostic purposes. Radiology technicians and technologists operate complex and expensive machinery, usually in collaboration with a physician, to help patients. ([http://www.onlineradiologyschools.org/](http://www.onlineradiologyschools.org/))

- The process of obtaining film records (radiographs) of internal structures of the body. Radiography is made possible by X-rays passing through the body to act on a specially sensitized film. ([http://www.medterms.com/script/main/art.asp?articlekey=5184](http://www.medterms.com/script/main/art.asp?articlekey=5184))

- Radiography is an imaging technique that uses electromagnetic radiation other than visible light, especially X-rays, to view the internal structure of a non-uniformly composed and opaque object (i.e. a non-transparent object of varying density and composition) such as the human body. To create the image, a heterogeneous beam of X-rays is produced by an X-ray generator and is projected toward the object. A certain amount of X-ray is absorbed by the object, which is dependent on the particular density and composition of that object. The X-rays that pass through the object are captured behind the object by a detector (either photographic film or a digital detector). ([http://en.wikipedia.org/wiki/Radiography](http://en.wikipedia.org/wiki/Radiography))}

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Easton, Suzanne, ed. (2009) *An Introduction to radiography*. Cir 616.07572 In61


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Van Deven, Teresa (2010) *The Practice of radiology education: challenges and trends* Cir 616.0757071 P895

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JOURNAL ARTICLES

Periodicals Section
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Investigating orthogonal radiography in the diagnosis of radial head fractures by D. L. Hobbs Radiologic technology pp 102-106 S-O '14

A modified fuchs view solution by B. D. Wood Radiologic technology pp. 213 N-D '13

Carotid vessel evaluation via a 3-D workstation by N. Gellada Radiologic technology pp. 107-111 S-O '14
Flipping out: a trend in radiologic science education by K. R. Clark. Radiologic technology pp. 685-687 Ji-A ‘14

ELECTRONIC JOURNALS

Accessible thru HAU Library Webpage
Proquest Central

- European Radiology
- Pediatric Radiology
- Journal of Digital Imaging, suppl. Supplement
- Canadian Association of Radiologists Journal
- Journal of Digital Imaging
- BMC Medical Education
- Journal of Health Care Finance
- Radiologists Journal
- The New Zealand Medical Journal
- Cardiovascular and Interventional Radiology
- Orthopaedic Nursing
- Perspectives in Health Information Management
- Nephrology Nursing Journal
- Academic Emergency Medicine

ELECTRONIC BOOKS

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INTERNET RESOURCES

Multimedia and Internet Workstation
2nd and 3rd Floor, University Library

Radiology teaching site
Retrieved November 18, 2015 from http://www.swansea-radiology.co.uk/

This site aims to provide easy access to a radiology resource which includes case histories, tutorials for medical students, a film library and self assessment tests.

MyPACS.net

This is a very extensive website. It is an international resource with contributions from all over the world, mainly from radiologists. Registration is free, allowing you to contribute cases. Common
radiology cases are discussed in addition to rare ones. This site is designed for those with good clinical background knowledge.

**Australian Institute of Radiography**  

The Australian Institute of Radiography is the peak body representing radiographers, radiation therapists and sonographers in Australia. It aims to promote, encourage, cultivate and maintain the highest principles of practice and proficiency in respect of Medical Radiation Science. The AIR facilitates educational activities, discussion and consultation among members and others. They recognize undergraduate courses across Australia, set standards of competency in practice and encourage scholarship and continuing professional development.


The site focuses on the professional and educational development of radiology practitioners. Follow weekly, as we post about current news, helpful tips and the latest research!

**Career in Radiography** by Society of Radiographers  

The Society of Radiographers is the trade union and professional body for the diagnostic imaging and radiotherapy workforce in the UK. The College of Radiographers is a charity which exists for the benefit of the public. Together, they shape policy and standards, pioneer new ways of working, and ensure safe and fair workplaces.

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