

## **6- X-ray Exposure and Dose**

Alderman AJ. Volume of dental visits, United States, July 1963-June 1964. Vital and Health Statistics, Series 10, No. 23, Public Health Service Pub. No.1000. National Center for Health Statistics - Publications page.

*Full text available online.*

*National Center for Health Statistics, Series 10, No. 23.*

**URL:** <http://www.cdc.gov/nchs/products/series.htm#sr10>

**KEYWORDS:** *Dental X-ray Visits; Medical Image Characteristics and Image Quality; Equipment Performance Analysis.*

Bureau of Radiological Health. Population exposure to x-rays. U.S. Department of Health, Education, and Welfare, Rockville (MD); 1973.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Medical Image Characteristic and Image Quality; References Related to Medical Imaging.*

Edmonds EW, Hynes Dm, Rowlands JA, Holmes RB, Toth BD, Porter AJ. Radiation dose reduction methods for use with fluoroscopic imaging, computers and implications for image quality. Proceedings of the Society of Photo-optical Instrumentation Engineers. Medical Imaging II 1988; 914-B: 1198-202.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Computer Applications in Radiology; Medical Image Characteristics and Image Quality; Radiation Exposure and Dose.*

Epp ER, Heslin JM, Weiss H, Laughlin JS, and Sherman RS. Measurement of bone marrow and gonadal dose from the chest x-ray examination as a function of field size, field alignment, tube kilovoltage and added filtration. British Journal of Radiology 1963; 36: 247-65.

*Full text not available online.*

*Contact your academic library system for availability.*

*Abstract available online.*

**URL:** [http://www.osti.gov/energycitations/product.biblio.jsp?osti\\_id=4733673](http://www.osti.gov/energycitations/product.biblio.jsp?osti_id=4733673)

**KEYWORDS:** *Medical Image Characteristics and Image Quality; Quality Assurance Programs; Equipment Performance Analysis.*

Gitlin JN, Hayman CR, Proctor EG, Roney PL. Field trial of a system to obtain data on population exposure to x-rays. *Public Health Reports* 1964; 79: 185-92.

*Full text available online.*

**URL:** <http://www.ncbi.nlm.nih.gov/pubmed/14135929>

**FULL TEXT SOURCE:** *PubMed Central.*

**KEYWORDS:** *Medical X-ray Visits; Medical Image Characteristics and Image Quality; Equipment Performance Analysis; Formation and Development of Medical Imaging Modalities.*

Gitlin JN, Lawrence PS. Population exposure to x-rays, U.S. Washington DC: Public Health Service; 1964. Pub. No. 1519. U.S. Department of Health, Education, and Welfare. Rockville (MD); 1966.

*Full text not available online.*

*Contact your academic library system for availability.*

*NLM Collections; NLM ID: 0074663.*

**KEYWORDS:** *Computer Applications in Radiology; Equipment Performance Analysis; Radiation Exposure and Dose.*

Health Survey Procedure. Public Health Service Pub. No.1000, Series 1, No. 2; 1964. National Center for Health Statistics - Publications page.

*Full text available online.*

*National Center for Health Statistics site, Series 1, No. 2.*

**URL:** <http://www.cdc.gov/nchs/products/series.htm#sr1>

**KEYWORDS:** *Design and Conduct of National Study.*

Hoffman CH. Volume of physician visits by place of visit and type of service, United States, July 1963-June 1964." *Vital and Health Statistics, Series 10, No. 18, Public Health Service Pub. No. 1000.* National Center for Health Statistics - Publications page.

*Full text available online.*

*National Center for Health Statistics, Series 10, No. 18.*

**URL:** <http://www.cdc.gov/nchs/products/series.htm#sr10>

**KEYWORDS:** *Medical Visits by the U.S. Population.*

ICRP/ICRU. Exposure of man to ionizing radiation arising from medical procedures. *Physics in Medicine and Biology* 1957; 2: 107-56.

*Full text available online.*

**URL:** <http://www.ncbi.nlm.nih.gov/pubmed/13484466>

**FULL TEXT SOURCE:** IOP Publishing Ltd.

**KEYWORDS:** *Human Exposure to Medical X-rays.*

Koczkas G, Kiss I, Bojtor I. Film dosimetry in radiodiagnosis to assess radiation burden to the population. *British Journal of Radiology* 1965; 38: 624-5.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Medical Radiation Estimates.*

Medical X-Ray Advisory Committee. U.S. Department of Health, Education and Welfare, Public Health Service, National Center for Radiological Health. Public health considerations in medical diagnostic radiology (x-rays). Washington, DC: U.S. Government Printing Office, 1968.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Policies on Exposure and Dose.*

Miller Jr. WB, Rohrer RH, Weens HS. Determination of radiation dose during fluoroscopic procedures with the aid of the fluoroscopic simulator. *Radiology* 1962; 78: 237-9.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Radiation Dose from Fluoroscopy.*

Moeller DW, Terrill Jr. JG, Ingraham II SC. Radiation exposure in the united states. *Public Health Reports* 1953; 68: 57-66.

*Full text available online.*

**URL:** <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2024075>

**KEYWORDS:** *Radiation Exposure Estimates in the U.S.*

Mooney RT, Burgos J, Matis Jr. WA. Report of a significant source of unnecessary and medically unproductive radiation exposure. Proceedings of the Society of Photo-optical Instrumentation Engineers. Application of optical instrumentation in medicine V 1976; 96: 54-8.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Medical Image Characteristics and Image Quality; Equipment Performance Analysis; Radiation Exposure and Dose.*

Morgan R. Radiation control in public health. Public Health Reports. 1961; 76: 571-81.

*Full text available online.*

**URL:** <http://www.ncbi.nlm.nih.gov/pubmed/13772594>

**FULL TEXT SOURCE:** *PubMed Central.*

**KEYWORDS:** *Recommendations for Public Health Activities.*

National Academy of Sciences. The biological effects of atomic radiation. Rep. National Academy of Sciences- National Research Council, 1956.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Recommendations; References Related to Medical Imaging.*

National Advisory Committee on Radiation. U.S. Public Health Service, U.S. Department of Health, Education and Welfare. Protecting and improving health through the radiological sciences. Report to the Surgeon General. 1966.

*Abstract and full text available online.*

**URL:** <http://profiles.nlm.nih.gov/NN/B/C/V/G/>

**KEYWORDS:** *Recommendations; Medical Image Characteristics and Image Quality.*

Nolan WE, Block S. Radiation hazards associated with dental Röntgenography. Industrial Hygiene Journal 1959; 20: 118-20.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Dental X-ray Exposure.*

Shrivastava PN. Possibilities of dose reduction in radiographic breast screening. Proceedings of the Society of Photo-optical Instrumentation Engineers. Application of optical instrumentation in medicine V 1976; 96: 430-34.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Computer Applications in Radiology; Medical Image Characteristics and Image Quality; Radiation Exposure and Dose.*

Siedband MP. Limitations of exposure reduction during fluoroscopy by image storage. Proceedings of the Society of Photo-optical Instrumentation Engineers. Application of optical instrumentation in medicine II 1973; 43: 151-4.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Medical Imaging Systems; Digital Imaging; Equipment Performance Analysis.*

Sprawls Jr. P, Miller Jr. WB, Cospers JH. The use of a digital computer in evaluating radiation exposure during fluoroscopic examinations." 16th Annual Conference on Engineering in Medicine and Biology. Baltimore (MD) 1963.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Computer Applications in Radiology; Formation and Development of Medical Imaging Modalities.*

UNSCEAR/ICRP. Nature of radiation fallout and its effects on man in recommendations for plan of study of task one through five within the United States, under UNSCEAR/ICRP. 85th session, U.S. Congressional Joint Committee on Atomic Energy, Special Subcommittee on Radiation, pt. I. 1957: 859-88.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Radiation Fallout; Recommendations.*

U.S. National Health Survey. Volume of x-ray visits, United States, July 1960-June 1961. Washington: U.S. Dept. of Health, Education, and Welfare, Public Health Service; 1962.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Interview Results.*

Windeyer BW. The contribution of diagnostic radiology to population dose." Ninth International Congress of Radiology 1961; 1: 99-103.

*No abstract or full text available online.*

*Contact your academic library system for availability.*

**KEYWORDS:** *Estimates of Medical X-ray Contribution.*