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Titles where title name begins with 'AA': 32
Page list: 1, "A.A. Milne" to 'AAPS pharmsci" page: next 1 2

A.A. Milne
Book Collection: Non-Fiction 2005 - 2005
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Publisher: Great Neck Publishing
Subject: Auxiliary Sciences of History -- Biography -- Biography as an art or literary form

AAACN viewpoint
CINAHL with Full Text (EBSCO Publishing) 2004 to present
Publisher: American Academy of Ambulatory Care Nursing

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AAACE international transactions
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| **Title:** | The British journal of radiology. |
| **Publisher:** | London : British Institute of Radiology, |
| **Description:** | v. : ill. ; 26 cm. |
| **Location:** | Periodicals (3rd Floor) |
| **Call Number:** | QC1 .B72 |
| **Status:** | Not Checked Out |
| **Library has:** | Vol. 25 no. 290 Feb. 1952  
Vol. 30 no. 349-360 Jan.-Dec. 1957  
Vol. 36 no. 421 Jan. 1963  
Vol. 37 no. 441-443 Sept.-Nov. 1964  
Vol. 56 no. 661 Jan. 1983 |
| **Other Author(s):** | British Institute of Radiology. |
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Concerning the relationship between benefit and radiation risk, and cancers detected and induced, in a breast screening programme

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Abstract. In a breast screening programme based upon X-ray mammography it is necessary to demonstrate that benefit, from reduced mortality arising from earlier diagnosis, exceeds any potential risk from future induction of breast cancers by ionizing radiation. A rigorous treatment of this problem would be both complex and subject to large statistical uncertainty, even if all necessary data were available. A more simplified approach is to show that the number of cancers detected exceeds the number potentially induced by a sufficient margin. These numbers are relatively well established, but this approach is less satisfactory owing to the question of what would constitute a sufficient margin. This paper attempts to explore a possible relationship between the detection/induction ratio and the benefit/risk ratio, using treatment outcome data from three independent sources and mortality reduction data. Agreement between these four sources is considered to be fair, given the nature of the data. The future screening of older women (over 65 years) is also found to have a significant effect on the final outcome. When current trends in such screening are allowed for, the benefit/risk ratio is found to be only marginally less than the detection/induction ratio.

In any screening programme involving the use of ionizing radiation to detect cancer, it is necessary to show that the benefits of screening outweigh the radiation risks, quite apart from the outcome was influenced by the screening procedure, and the statistical nature of treatment outcome data itself. For example, percentage survival over 5 years, 10 years or 20 years varies
A-to-Z Journal List

JAMA: the journal of the American Medical Association

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ISSN: 0098-7744 Online ISSN: 1538-3593
Publisher: American Medical Association
Subject: Medicine -- Medicine (General) -- General works

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JAMA: Journal of the American Medical Association

Publisher: American Medical Association (All journals by publisher)
ISSN: 0098-7484 (Paper) 1538-3598 (Online)

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