

Literature Review: Picture Archiving and Communication Systems

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Editor's Note: The references that appear below constitute the second half of the manuscript by Drs Schmiedl and Rowberg published in the August, 1990 issue. The references cited in the first half appear in the list below. Many additional references also are given.

Readers are invited to send additional citations to me. They will be compiled and published in the May, 1990 issue.

Roger A. Bauman, MD

THE LITERATURE ON picture archiving and communication systems (PACS) is very broad in its intrinsic nature and in the number and types of journals in which the publications may be found. Because most literature retrieval systems do not include search items specific enough to include PACS, searching must

usually be done using broader terms such as "electronic imaging, digital imaging, radiology information systems, digital radiography, radiology department, hospital organization," resulting in literature searches that contain a great deal of extraneous information. Only in 1990 did the National Library of Medicine add "picture archiving and communication systems" to supplement their 1989 addition of "picture archiving, radiologic" with a cross reference listing. Unfortunately, these are both only cross-references to the broader heading "radiology information systems," and one can search only on the broader terms or combine it with specific words in the title such as "picture" or "imaging."

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