Journal of Digital Imaging

VOL 3, NO 3

AUGUST 1990

EDITORIAL

THE DIGITAL IMAGING BASICS SERIES

THERE HAS BEEN a very positive response to the series, Digital Imaging Basics. The goal of publishing diverse topics has been realized. Each issue, save one, has featured this series, although some of the articles were unfortunately not labeled in the table of contents as Digital Imaging Basics features.

The series to date has included the following: John A. Correia and Nathaniel M. Alpert, "Properties of Digital Images in Radiology"; John Listerud, Robert E. Lenkinski, and Leon Axel, "The Correction of Nonuniform Signal Intensity Profiles in Magnetic Resonance Imaging"; Gary T. Barnes and Karen Lauro, "Image Processing in Digital Radiography: Basic Concepts and Applications"; David G. Brown and Robert F. Wagner, "Physics and Statistics of Medical Imaging"; Peter A. Keller, "Cathode-Ray Tube Displays for Medical Imaging"; Nicholas J. Mankovich, Douglas R. Robertson, and Andrew M. Cheeseman, "Three-dimensional Image Display in Medicine"; and Hans Roehrig and Hartwig Blume, "Performance tests and quality control of Cathode Ray Tube Displays."

I wish to extend my sincere thanks to the authors of these fine papers. I would appreciate hearing from you, the readers, as to what subjects (with or without suggestions of potential authors) you would like to see addressed in future issues.

This issue includes the first paper on teleradiol-

ogy, and others are to follow. The quest for satisfactory papers on software continues. There have been several suggestions that well-written tutorials might be of interest to our readers; these would probably be longer than the Digital Imaging Basics feature, but, if no unreasonably long and well-written, they might very well be valuable to our readers. Your opinion on this and other subjects you would like to see in the JOURNAL OF DIGITAL IMAGING is welcome.

I would like to call special attention to the paper by Schmiedl and Rowberg concerning the literature on Picture Archiving and Communications Systems (PACS). They accurately describe the truly difficult problem of easily accessing pertinent articles on PACs. This current article includes comments on various subject areas and the authors' personal selection of key references for each area. The references themselves will appear in the next issue. The list is quite extensive but almost certainly still incomplete. Each of you is invited to send to me any noteworthy PACS references that were inadvertently omitted from the list. These will be collected and published in the second issue after the list appears (because of publishing deadlines). The initial list and the subsequent additions should be of high value to anyone interested in PACS.

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Editor-in-Chief