

The Journal of Bone and Joint Surgery*

The Official Publication of
The American Orthopaedic Association
The British Orthopaedic Association
The American Academy of Orthopaedic Surgeons
Owned and published by The American Orthopaedic Association
*Title registered in United States Patent Office

VOL. XXV, No. 2

April, 1943

Old Series
VOL. XLI, No. 2

Editor, MURRAY S. DANFORTH, M.D. *Assistant Editor*, FLORENCE L. DALAND

BOARD OF ASSOCIATE EDITORS

Chairman: MURRAY S. DANFORTH, M.D., *Editor*

G. E. HAGGART, M.D. CHARLES F. PAINTER, M.D.
LEO MAYER, M.D. WILLIAM A. ROGERS, M.D.
FRANK R. OBER, M.D. A. R. SHANDS, JR., M.D.

MR. NORMAN L. CAPENER, F.R.C.S., *British Editorial Secretary*.
The Princess Elizabeth Orthopaedic Hospital, Exeter, England

EDITORIAL COMMITTEE

FRANK D. DICKSON, M.D., *Treasurer*, 1400 Professional Building, Kansas City, Missouri
CHARLES W. PEABODY, M.D., *Secretary*, 3001 West Grand Boulevard, Detroit, Michigan
A. BRUCE GILL, M.D., *President-Elect*, 1930 Chestnut Street, Philadelphia, Pennsylvania
H. J. SEDDON, F.R.C.S., *Secretary*, Wingfield-Morris Orthopaedic Hospital, Headington,
Oxford, England
A. R. SHANDS, JR., M.D., Box 269, Wilmington, Delaware, *Chairman of Editorial
Committee of American Academy of Orthopaedic Surgeons*

Published quarterly: January, April, July, and October
8 THE FENWAY, BOSTON, MASSACHUSETTS

☞ ORIGINAL ARTICLES. — Papers for publication will be accepted only for exclusive publication in this Journal. The American Orthopaedic Association does not officially endorse the opinions presented in the different papers published in this Journal.

☞ COPYRIGHT. — Material appearing in The Journal is covered by copyright, but, as a general rule, no objection will be made to the reproduction in reputable medical journals of anything in these pages, provided that permission is obtained from The Journal and that proper credit is given.

☞ ADVERTISEMENTS. — Advertising rates will be furnished on application.

☞ CHANGE OF ADDRESS. — In sending change of address, both the old and new addresses should be given. ☞ THE SUBSCRIPTION PRICE of this Journal is \$5.00 per year, payable in advance, for the United States and such other countries as, under the revised postal regulations, are subject to domestic rates; \$5.25 for Canada; the equivalent of \$5.75 for all other foreign countries included in the postal union. Single copies of current issue \$1.50. ☞ Checks, drafts, and post-office money-orders should be made payable to The Journal of Bone and Joint Surgery.

Address all Communications to the Editor
THE JOURNAL OF BONE AND JOINT SURGERY
8 The Fenway, Boston, Massachusetts, U. S. A.