

RADIUM

A MONTHLY JOURNAL DEVOTED TO THE CHEMISTRY, PHYSICS AND THERAPEUTICS OF RADIUM AND RADIO-ACTIVE SUBSTANCES.

Edited and Published by Charles H. Vio, Ph. D. and William H. Cameron, M. D.,
with the assistance of collaborators working in the fields of
Radiochemistry, Radioactivity and Radiumtherapy.

Subscription \$2.50 per year, or 25 cents per copy in the United States and Canada;
in all other countries \$3.75 per year.

Address all communications to the Editors, Forbes and Meyran Avenues,
Pittsburgh, Pa.

VOL. III

APRIL, 1914

No. 1

INFLUENCE OF INTRAVENOUS INJECTION OF SOLUBLE RADIUM SALTS IN HIGH BLOOD PRESSURE.

By **FREDERICK PROESCHER, M. D.**

FIGURE 1 The April 1914 issue of the journal *Radium* carried this title page.

a short time (1915-1916) as manager of the New York office of the Radium Chemical Company. He subsequently published both in medical journals and in privately printed pamphlets on the virtues of radium therapy and had a lucrative practice until the late 1920s, when the hazards of internal radium became known. In one publication, Field (1926) stated that he had administered 6,000 intravenous radium treatments in the preceding 12 years.

Field apparently believed in the internal use of radium, because after his death he was found to have a significant radium burden. He died in 1951 at the age of 81. The cause of death was listed as a cerebral hemorrhage. His body content was measured as 0.34 μCi of ^{226}Ra , and his initial systemic intake was calculated to have been 92 μCi .

A midwestern physician, Dr. Findley John, was also known to have used radium in his practice. In a 1951 interview with an Argonne staff member (Dr. W.B. Looney), John, then 82 years of age, stated that he had treated