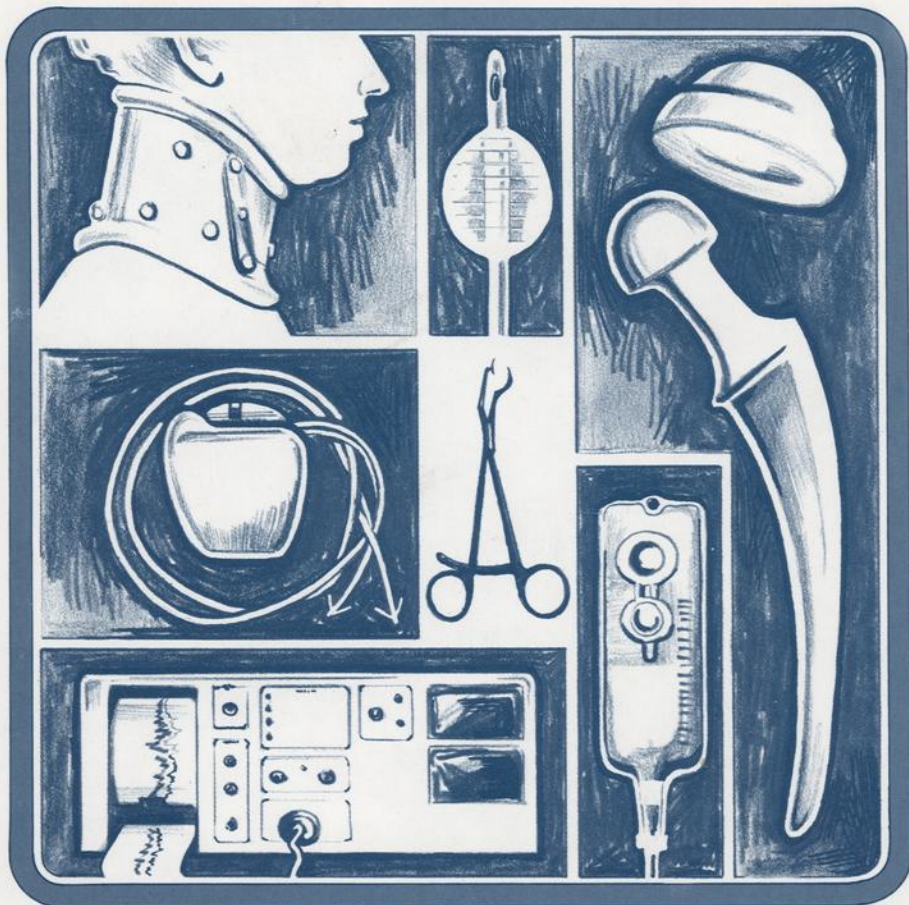


MEDICAL DEVICES

Measurements, Quality Assurance,
and Standards



Caceres/Yolken/Jones/Piehler, editors

ASTM STP 800

MEDICAL DEVICES: MEASUREMENTS, QUALITY ASSURANCE, AND STANDARDS

ASTM SPECIAL TECHNICAL PUBLICATION 800
C. A. Caceres, Clinical Systems Associates, Inc.;
H. T. Yolken, National Bureau of Standards;
R. J. Jones, American Medical Association; and
H. R. Piehler, Carnegie-Mellon University,
editors; with the assistance of J. W. Schick



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The very idea of a specification involves the existence of a mass of common knowledge in regard to any material, which knowledge is more or less available to both producer and consumer. If the manufacturer or producer have opportunities which are not available to the consumer of knowing how the variation of certain constituents in the product will affect that product during manufacture, so also does the consumer (if he is philosophic and is a student) have opportunities not available to the producer of knowing how the same variation of constituents in the product will affect that product in service. And, it is only by the two working together, and combining the special knowledge which each has, that a really valuable specification can be made.

Excerpted from "The Making of Specifications for Materials," by Dr. Charles B. Dudley, Presidential Address delivered before the American Society for Testing and Materials, 1903.

A Note of Appreciation to Reviewers

The quality of the papers that appear in this publication reflects not only the obvious efforts of the authors but also the unheralded, though essential, work of the reviewers. On behalf of ASTM we acknowledge with appreciation their dedication to high professional standards and their sacrifice of time and effort.

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