FOREWORD

The Office of Technology Assessment (OTA) was requested by the Senate Commit-
tee on Human Resources “. . . to examine current Federal policies and current medical
practices to determine whether a reasonable amount of justification should be provided
before costly new medical technologies and procedures are put into general use. ” This
area of study was approved by the OTA Board in April of 1975.

Recognizing the range and complexity of issues relating to medical technologies and
their use, the OTA Health Advisory Committee recommended dividing the subject into a
series of discrete studies. The first report, Development of Medical Technology: Op-
portunities for Assessment, focused on assessment of the societal impacts of medical
technologies. That report was published in August 1976. The second, Policy Implications
of the Computed Tomography (CT) Scanner, examined the effects of public and private
policies on the development, diffusion, use, and reimbursement of CT scanners. That
study, published in August of 1978, was also requested by the Senate Committee on
Finance. This report, Assessing the Efficacy and Safety of Medical Technologies, exam-
ines the importance and the current status of information on efficacy and safety as well as
techniques and programs for generating that information.

The study was conducted by staff of the OTA Health Program with the assistance of
an advisory panel chaired by Dr. Lester Breslow. It was reviewed by the OTA Health
Advisory Committee, chaired by Dr. Frederick C. Robbins, and by a large number of in-
dividuals from a variety of backgrounds. The resulting report is a synthesis and does not
necessarily represent the position of any individual.

RUSSELL W. PETERSON
Director
Office of Technology Assessment
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School of Public Health

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Aetna Life and Casualty

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School of Public Health

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U.S. National Committee on Vital and Health Statistics
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