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TECHNICAL REPORT

High frequency surgical equipment – Operation and maintenance

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ELECTROTECHNICAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HIGH FREQUENCY SURGICAL EQUIPMENT – OPERATION AND MAINTENANCE

FOREWORD

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IEC 61289, which is a technical report, has been prepared by sub-committee 62D: Electromedical equipment, of IEC technical committee 62: Electrical equipment in medical practice.

This first edition of IEC 61289 cancels and replaces IEC 61289-1:1994 and IEC 61289-2:1994, of which it constitutes a technical revision and combination.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
62D/929DTR	62D/956/RVC

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Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

Certain terms are used with a defined meaning and these are given in the text in SMALL CAPITALS. The definitions of these terms are provided in Clause 2.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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INTRODUCTION

This report gives guidelines to personnel in charge of operation of equipment covered by IEC 60601-2-2 to enable them to attain the best conditions of safety for their patients and themselves.

HIGH FREQUENCY SURGICAL EQUIPMENT – OPERATION AND MAINTENANCE

1 Scope

This technical report contains guidelines for medical and nursing personnel regarding the safe and effective operation of HIGH FREQUENCY SURGICAL EQUIPMENT (also referred to as HF SURGICAL EQUIPMENT in this document). It will also be of use to scientific/technical staff who have responsibility for the maintenance of this equipment.

The application guidelines in this document deal with the safe operation of HIGH FREQUENCY SURGICAL EQUIPMENT constructed according to the safety requirements of IEC 60601-1 and IEC 60601-2-2 (see Bibliography).

Not all existing HIGH FREQUENCY SURGICAL EQUIPMENT meets the minimum requirements of current international standards, however, the guidelines in this report will still be helpful in utilizing these devices.

This report assumes that the electrical installation of HIGH FREQUENCY SURGICAL EQUIPMENT meets national and local regulations for medically used rooms.