

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

(Not to be reproduced without permission of BIS or used as an Indian Standard)

भारतीय मानक मसौदा
स्वास्थ्य सूचना विज्ञान - चिकित्सा तरंग प्रारूप
भाग 3 दीर्घावधि इलेक्ट्रोकार्डिओग्राफी
[IS/ISO/TS 22077-3 का पहला पुनरीक्षण]

Draft Indian Standard
Health Informatics — Medical Waveform Format
Part 3 Long-term Electrocardiography

[First Revision of IS/ISO/TS 22077-3]

[ICS 35.240.80]

Health Informatics Sectional Committee, MHD 17

Last date for comments 12.02.2024

NATIONAL FOREWORD

(Adoption clause will be added later)

This standard was published in 2018. The first revision has been undertaken to align it with the latest version of ISO 22077-3:2023.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'
- Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

The technical committee responsible for the preparation of this standard has reviewed the provisions of following mentioned International Standards and has decide that they are acceptable for use in conjunction with this standard:

International Standard/ Title
Other Publication

ISO 22077-1

Health informatics — Medical waveform format — Part 1:
Encoding rules

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test shall be rounded off in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*revised*)’.

Scope

This document defines the application of medical waveform format encoding rules (MFER) to describe long-term electrocardiography waveforms measured in physiological laboratories and health care clinics. It covers electrocardiography such as bipolar 2, 3-lead, 12-lead that are measured by medical equipment such as Holter electrocardiograph and patient physiological monitors that are compatible with MFER documents encoding rules (see ISO 22077-1).

The technical content of the document has not been enclosed as it is identical with the corresponding ISO standard. For details, please refer to ISO 22077-3:2023 or kindly contact:

Head
Medical Equipment and Hospital Planning Department
Bureau of Indian Standards
9 Bahadur Shah Zafar Marg
New Delhi-110002
Email: mhd@bis.gov.in
hmhd@bis.gov.in