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ICS 11.040.50
CCS C43

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 20013.3-2025

Replacing GB/T 20013.3-2015

Nuclear medicine instrumentation - Routine tests - Part 3: Positron emission tomographs

核医学仪器 例行试验 第3部分：正电子发射断层成像装置

(English Translation)

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Foreword

GB/T 20013.3-2025 is a recommended national standard (GB/T) of the People's Republic of China, issued on 31 October 2025 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 May 2027.

This edition replaces GB/T 20013.3-2015.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the National Medical Products Administration.

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1 Scope

Positron emission tomography scanners must be checked regularly to confirm that they keep performing as expected. This standard, Part 3 of the series on routine tests for nuclear medicine instrumentation, applies to positron emission tomographs. It is a recommended national standard that supports ongoing quality assurance of imaging equipment.

Hospital nuclear medicine departments, medical physicists, equipment manufacturers, service engineers and independent testing or metrology institutions can use it when setting up or auditing routine test programmes. Healthcare providers who must show that imaging equipment is controlled will find a defined framework of tests useful.

The standard was issued on 31 October 2025 and takes effect on 1 May 2027, which leaves a long preparation period. It replaces GB/T 20013.3-2015, so facilities should plan to update their quality assurance documents.

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