The JCTLM is a committee established by the BIPM, IFCC and ILAC in 2002 to support world-wide comparability, reliability and equivalence of measurement results in Laboratory Medicine for the purpose of improving health care and facilitating national and international trade in in vitro diagnostic devices.

JCTLM partners include 56 organizations from 20 countries.

The JCTLM Database of reference measurement systems maintains a database of available higher order reference materials, reference measurement procedures, and laboratory measurement services originally required by the in vitro diagnostic industry to meet the ED 98/97/EC on In Vitro Diagnostic Medical Devices, and now replaced with a regulation.

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Accurate results for patient care
Impact of implementation of reference method for Enzyme (GGT)

Feedback from an IVD manufacturer (2018):
‘JCTLM together with BIPM, IFCC and others indeed provided the right direction and path to accurate results for patient care, that our team firmly believes in and closely follows’

Examples of published information

20 webinars on scientific concepts on metrological traceability and for trainees

Library of about 100 scientific publications on standardization for various health markets and review/presentations on traceability in laboratory medicine

Organization of 20 JCTLM Symposia at international conferences

Organization of biennial JCTLM Members’ and Stakeholders’ Meeting

Approval of 20 meetings world-wide under the auspices of the JCTLM

JCTLM formed a WG on Traceability: Education and Promotion in 2015 to produce educational materials to demonstrate and promote the value of traceability in laboratory medicine as a means to reduce between-method variability in the interests of improved clinical outcomes and patient safety.

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Database content

- 289 Materials
- 104 Methods
- 176 Services

Number of entries in 2018

Glossary of terms and definitions: formal and well used

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