



**Agenda Item 9.1.2.4:**

**Project proposal: New Recommendation**

*Requirements for the evaluation of NIBP simulators used for the testing of automated non-invasive sphygmomanometers*



Recommendation would offer the possibility to manufacturers of commercial and non-commercial simulators to confirm the suitability of their device for testing automated sphygmomanometers.

While a similar document exists as an international technical specification, ISO/TS 81060-5, the document was developed mainly with the commercially available simulators in mind. In addition, the existence of a technical specification does not ensure the fact that the TS will be transformed in an ISO standard and offer an international standard in the field. The development of a recommendation on the topic will not only ensure the persistence of internationally harmonised rules for testing a wide range of simulators, but it will extend its requirements to accommodate more advanced simulators (e.g. simulators able to generate real life signals). This is a very important step towards improving the confidence in the blood pressure readings using automated sphygmomanometers, as advanced simulators offer the possibility for a more in-depth evaluation of the devices.

Countries/Economies known to, or intending to apply this publication, if applicable:

Czech Republic, Portugal, Germany

Relevant associated OIML publications:

R 148:2020 Non-invasive non-automated sphygmomanometers

R 149:2020 Non-invasive automated sphygmomanometers

List of appropriate liaisons and their work related to this proposed project (include supporting documentation as necessary and reference it here):

ISO/TC 121/SC 3/JWG 7: Non-invasive blood pressure monitoring equipment

\* As the OIML Member(s) of the Country(ies) holding the convenership of this project, I/we recognise the importance of TC/SC/PG secretariat/convenership work and will make available the resources to ensure the work on the publication is completed in a timely and professional manner in accordance with the provisions in OIML B 6-1 and the detailed time frame as part of this proposal.

Signature(s):