Paediatric Clinical Biochemistry - Mass Spectrometry Harmonisation Working Group

Background:
The original “mass spectrometry harmonisation working group” (MSHWG) was formed on 16th January 2010 during The Asian Pacific Conference of Chromatography and Mass Spectrometry in Hong Kong. As participants of this first MSHWG meeting included members from the Australasian Association of Clinical Biochemists, Hong Kong Society of Clinical Chemistry and industry, it was proposed that the group would be formed under the Asian and Pacific Federation of Clinical Biochemistry (APFCB) umbrella. The standardisation of methods and reference intervals is of high importance for the future development of mass spectrometry assays in routine clinical laboratories. There are many discrete areas to also consider for harmonisation that support the robustness of mass spectrometry methods. As such the working group has looked to ascertain the critical aspects of methods, investigated measurands offered, and initiated the development of EQA programs for emerging analytes. Central to this work has been the common participation in an external quality assurance program for comparability. This working group has developed projects consistently over the last decade with paediatric relevance, in particular, the analysis of steroids by mass spectrometry in paediatric populations; hence the proposed update to the name.
Key outputs include:

Objectives:
To collaborate with experts in pediatric clinical mass spectrometry analysis to develop projects, disseminate information, and provide guidance to support the quality of results generated for patient care.

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