

International Initiatives for Harmonisation of Outcome Measurements

<p>The Core Outcome Measures in Effectiveness Trials (COMET) www.comet-initiative.org</p>	<p>Brings together standardized sets of outcomes in a database which can be searched on disease, type of intervention, and stakeholders involved. These sets represent the minimum that should be reported in all clinical trials of a specific condition, making it easier for the results of trials to be compared, contrasted and/or combined. This can be a useful resource for selecting outcomes and the website contains useful references for core outcome set developers as well¹.</p>
<p>Outcome Measures in Rheumatology (OMERACT) http://www.omeract.org/omeract_publications.php</p>	<p>Is one of the oldest initiatives standardizing outcome measures in clinical trials which is still active. Although this initiative focuses on rheumatology several resources relevant for a broader disease range are available on their website like the OMERACT Handbook on developing core outcome measurement sets².</p>
<p>International Consortium for Health Outcomes Measurement (ICHOM) Porter M.E., Larsson S. Lee T.H. Standardizing Patient Outcomes Measurement. NEJM 2016;374:504-506 http://www.ichom.org/</p>	<p>Aims to transform health care systems worldwide by measuring and reporting patient outcomes in a standardized way in daily practice. Focus is on outcomes related to questions patients have regarding the impact of treatment on their life. ICHOM advocates to define standard sets of outcomes per medical condition, and then drives adoption to enable health care providers globally to compare, learn, and improve^{3,4}.</p>
<p>Healthmeasures.net http://www.healthmeasures.net/</p>	<p>A useful resource bringing together four flexible and comprehensive measurement systems. These assess physical, mental, and social health, symptoms, well-being and life satisfaction; along with sensory, motor, and cognitive function. It also provides guidance for their use⁵.</p>
<p>Core Patient Reported Outcomes of the NIH Collaboratory https://www.nihcollaboratory.org/cores/Pages/PRO</p>	<p>Aims to create guidelines and define best practices with respect to selecting the most appropriate Patient Reported Outcome (PRO) measures, and stimulates the development of new instruments when needed, creating efficient, high-quality PRO data collection systems compatible with electronic health records and registries and conducting statistical analyses of PRO endpoints⁶.</p>
<p>The COnsensus-based Standards for the selection of health Measurement Instruments (COSMIN) http://www.cosmin.nl/index.html</p>	<p>Aims to improve the selection of health measurement instruments among others by providing a tool on standards for evaluating the quality of studies on measurement properties of measurement instruments⁷.</p>
<p>'Global HealthCare system roadmaps' and 'PharmacoEconomic Guidelines Around the World' Eldessouki R, Smith MD. Health Care System Information Sharing: A Step Toward Better Health Globally. Value Health Regional Issues 2012; 1: 118-129. http://www.ispor.org/HTARoadmaps/Default.asp http://www.ispor.org/peguidelines/index.asp</p>	<p>These tools from the International Society of Pharmacoeconomics and Outcomes Research (ISPOR) may be a useful resource for evaluating and comparing country and agency specific outcome preferences. On these websites HTA requirements and decision processes with country/region specific information on preferred outcomes as well as preference for efficacy or effectiveness and generalizability of results among many more characteristics of the evidence requirements can be searched and compared in tables⁸⁻¹⁰.</p>

Sources

1. www.comet-initiative.org
2. Boers M, Kirwan JR, Wells G, Beaton D, Gossece L, d'Agostino MA, Conaghan PG, Bingham CO 3rd, Brooks P, Landewé R, March L, Simon LS, Singh JA, Strand V, Tugwell P. Developing Core Outcome Measurement Sets for Clinical Trials: OMERACT Filter 2.0. *J Clin Epidemiol* 2014; 67:745-753
3. Porter M.E., Larsson S. Lee T.H. Standardizing Patient Outcomes Measurement. *NEJM* 2016;374:504-506
4. <http://www.ichom.org/>
5. <http://www.healthmeasures.net/>
6. <https://www.nihcollaboratory.org/cores/Pages/PRO>
7. <http://www.cosmin.nl/index.html>
8. Information Sharing: A Step Toward Better Health Globally. *Value Health Regional Issues* 2012; 1:118-129.
9. <http://www.ispor.org/HTARoadmaps/Default.asp>
10. <http://www.ispor.org/peguidelines/index.asp>