

## KQUIP Hub: Pro forma for measurements and tools, relevant for use in the renal setting

<b>Name of measurement / tool</b>	EQ-5D-5L
<b>Variable to be measured</b>	Concise, generic instrument that can be used to measure, compare and value health status across disease areas
<b>Brief description of the measure / tool</b>	<p>EQ-5D-5L is a 5 question patient reported outcome measure, covering generic health in terms of a person's:</p> <ul style="list-style-type: none"> <li>• Mobility (i.e. walking about)</li> <li>• Self-care (i.e. washing and dressing)</li> <li>• Usual activities</li> <li>• Pain/discomfort</li> <li>• Anxiety/depression.</li> </ul> <p>Each question has five levels, ranging from no problems to extreme problems.</p>
<b>Relevance to the renal community</b>	<p>Allows for health states to be reported and how health states change over time.</p> <p>Allows for comparison across different patient groups.</p>
<p><b>Relevance for a renal related QI project</b></p> <p>Describe how the measure / tool could be used in a renal QI project. This may not be exhaustive but may inspire others.</p>	<p>It is well recognised that kidney patients have reduced quality of life and functional capacity to complete day-to-day activities. Quality improvement projects that are focused on the elements in the EQ-5D-5L could use the EQ-5D-5L to measure the change in patient health outcomes from quality improvement projects.</p>
<b>Accreditation (e.g. endorsed by a recognised organisation)</b>	<p>Recommended for use by:</p> <ol style="list-style-type: none"> <li>1. NHS England: <a href="https://www.england.nhs.uk/statistics/statistical-work-areas/proms/">https://www.england.nhs.uk/statistics/statistical-work-areas/proms/</a></li> <li>2. "Think Kidneys" in the Transforming Participation in CKD project - <a href="https://www.thinkkidneys.nhs.uk/ckd/">https://www.thinkkidneys.nhs.uk/ckd/</a></li> <li>3. National Institute for Health and Care Excellence (NICE)</li> </ol>

<b>Validation (e.g. scientific and/or clinical validation)</b>	<p>Limited as developed in recent years.</p> <p>Previous version (EQ-5D-3L) have been widely used:  <a href="http://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1001307">http://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1001307</a></p>	
<b>Impact upon the patient pathway</b> Is this part of patient's normal care or in addition to this? How much will it alter the patient's care?	<p>Little impact as it is short for patient to complete.</p>	
<b>Expertise / Skill / Professional Registration required to use the measurement / tool</b>	<p>No experience required to use EQ-5D-5L</p>	
<b>Resources needed</b> E.g. Medicines, devices, healthcare professionals	Equipment and Consumables	A4 paper copies of questionnaire.
	Time	1-5 minutes for a patient to complete form
	Training	No
	Licenses	Certain fees may be required depending on use: <a href="http://www.euroqol.org/eq-5d-products/how-to-obtain-eq-5d.html">http://www.euroqol.org/eq-5d-products/how-to-obtain-eq-5d.html</a>
<b>How to access the measurement / tool</b>	<p>See website:  <a href="http://www.euroqol.org/eq-5d-products/how-to-obtain-eq-5d.html">http://www.euroqol.org/eq-5d-products/how-to-obtain-eq-5d.html</a></p>	
<b>Main strengths of the measurement / tool</b>	<p>Generic applicability to different patient groups and conditions.</p>	
<b>Main limitations of the measurement / tool</b>	<p>May not be sensitive to all clinically meaningful changes in condition.</p>	
<b>References</b>	<p>Review of EQ-5D:  <a href="https://link.springer.com/article/10.1007/s40258-017-0310-5">https://link.springer.com/article/10.1007/s40258-017-0310-5</a></p> <p>Summarising EQ-5D data:  <a href="https://www.ohe.org/news/5-things-you-should-do-eq-5d-data">https://www.ohe.org/news/5-things-you-should-do-eq-5d-data</a></p>	