

The SISAQOL-IMI checklist for reviewing scientific visualisations of patient-reported outcome findings from cancer clinical trials: a resource for patient advocates and healthcare professionals



Description

This checklist has been developed based on the [SISAQOL-IMI](#) recommendations [Ref Guidebook] to support [patient advocates](#) and healthcare professionals who are involved in reviewing [cancer clinical trial](#) results.

This checklist consists of a list of key questions that can be used to verify whether the research team or the principal investigator has applied the SISAQOL-IMI recommendations when visually reporting [patient-reported outcome \(PRO\)](#) data from a cancer clinical trial.

The availability of both scientific and plain graphical [figures](#) is essential to ensure data transparency and to make results easy to interpret for all stakeholders.

Scientific figures present the results aimed at researchers and experts in the field.

[Plain language](#) figures present the results in a way that is accessible to individuals without a scientific background.

This document provides guidance on key items to consider when presenting scientific figures. Not all items will be applicable to all results publications and presentations.

Items to consider when presenting plain language figures are available in a separate document.

Guidance on how to use this checklist (applicable to all items)

1. To access all features, please download the document. If viewing it in the browser, we recommend using Chrome to reduce potential issues.
2. Check whether that particular item has been addressed. Examples are provided for clarification of the context.
3. If required, review the SISAQOL-IMI recommendations using the references provided. [Link Guidebook, chapter 4]
4. Indicate whether an item has been addressed or not by checking the Yes/No or Not applicable checkboxes.
5. Add any notes, comments or questions for clarifications you may have in the column provided.
6. Save and share your assessment with the research team.

	Items for considerations for scientific figures	YES	No	N/A	Notes/Comments	Relevant references
1	<p>Does the documentation available (trial report, trial publication, presentation slides) include information on whether SISAQOL-IMI recommendations on visualisation of <u>patient-reported outcome (PRO) findings from cancer clinical trials (CCT)</u> have been taken into account?</p> <p>Explanation</p>					<p>Add guidebook reference</p> <p>Website publication</p>
2	<p>Are the chosen scientific <u>graph</u> types recommended for presenting <u>PROs</u>? If not, is it clearly explained why other graph types have been used?</p> <p>Explanation</p> <p>Examples</p>					<p>SISAQOL-IMI recommendations (VizSci1_GEN, VizSciType1_GEN, VizSciType2_GEN, VizSciType3_GEN, VizSciType4_GEN, VizSci12_GEN)</p>

	Items for considerations for scientific figures	YES	No	N/A	Notes/Comments	Relevant references
7	<p>Do the Y-axes displayed in the figures include the whole scale of the PRO measure (PROM)? If not, is there a clear explanation why any other range of the scale is shown?</p> <p>Explanation</p>					SISAQOL-IMI recommendations (VizSci2_GEN)
8	<p>For each time point displayed on the X axis, do the figures provide information on</p> <p>(i) the number of patients whose data were included;</p> <p>(ii) the number of patients whose data were excluded because of the intercurrent event (ICE) handling strategy;</p> <p>(iii) the number of patients whose data are missing.</p> <p>Explanation</p> <p>Example</p>	(i)				SISAQOL-IMI recommendations (VizSci7_GEN)
		(ii)				
		(iii)				

Other useful resources:

The current checklist is not a stand alone reviewing checklist and should be used alongside other resources to generate robust feedback.

Consort PRO reporting guidance.

SISAQOL-IMI glossary

The SISAQOL-IMI Project has received funding from the Innovative Health Initiative 2 joint undertaking under grant agreement No 945052.
This Joint Undertaking receives support from the European Union's Horizon 2020 research and innovation programme and EFPIA

