

QOL Analysis Workshop

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The best approach for analyzing clinical trial QOL data is controversial. Handling missing data and reporting data in a format which is useful to clinicians are current areas of ongoing research. The NCIC-CTG has developed a basic approach to analysis which will be illustrated in this workshop. Alternative methods of reporting data will be illustrated, and pros and cons of different methods will be discussed.

Using a dummy dataset, participants will work in small groups to conduct and present different analysis methods. They will be asked to present their results, as well as their thoughts about the strengths and weaknesses of their approach, to the larger group for discussion. Participants will require a calculator to complete the exercise.

Learning Objectives:

1. To be able to conduct the NCIC-CTG QOL Group “basic analysis” for QOL on a small (dummy) dataset
2. To structure and present QOL results from the dataset by 3 different methods
3. To discuss the advantages and disadvantages of the 3 methods, with respect to the handling of missing data, generalizability and interpretability of results.

Arm	Pt#	B (baseline)	T1	$\Delta T1-B$	Clin Sig?	T2	$\Delta T2-B$	Clin Sig?
A	1	140	112			120		
	2	136	----			118		
	3	----	130			140		
	4	144	125			140		
	5	120	115			124		
B	6	135	118			142		
	7	128	----			130		
	8	142	130			140		
	9	144	120			138		
	10	132	115			136		

