



Figure. Comparison of responses to PELHS-QOL-2 to validated epilepsy-specific HRQOL instruments in the “QOLCE-55 Floor” population. The PELHS-QOL-Seizures is compared to (A) the Global Quality of Life in Childhood Epilepsy (G-QOLCE) and (B) the Global Assessment of the Severity of Epilepsy (GASE); the PELHS-QOL-Medications is compared to (C) the Pediatric Epilepsy Side Effects Questionnaire (PESQ). The boxes indicate median and 25th/75th percentiles. The whiskers are roughly 95% confidence intervals. The raw data (jittered) are overlaid on each box whisker plot.

	Subtheme	Representative Quote
QOLCE-55	<i>Young age</i>	"[Responses to the] cognitive questions from the QOLCE-55...can vary by age (i.e. can't answer for a 2 year old [because the questions are] not applicable)."
	<i>Comorbidity burden</i>	"[Because the patient] is unable to do/perform many of these functions at baseline...[the QOLCE-55 is] hard [to answer] because the questions don't talk about or address pre-existing diagnoses."
PESQ	<i>Number of medications</i>	"[It is] hard to tell because [the patient is] on many AEDs."
	<i>Comorbidity burden</i>	"[Patient] has trisomy 18 and is non-verbal with significant developmental delay, so it is very hard to assess [for] these side effects."
G-QOLCE	<i>Young age</i>	"G-QOLCE is better for younger kids."
General	<i>Young age</i>	"[Caregiver] had difficulty with the concept of QOL in such a young child."
	<i>Controlled seizures</i>	"Since [the patient's] epilepsy is better controlled and he is doing well right now, the questions seemed less relevant."
	<i>Comorbidity burden</i>	"[It is] hard to tell [if questions addressed the aspects of the child's epilepsy that has the most impact on quality of life] because he has so many issues. Epilepsy is the least of his worries...[these] questions are not applicable to him."

Table. Thematic qualitative analysis of the floor effects among the administered caregiver-report comparator HRQOL instruments. Representative quotations for each subtheme regarding instrument applicability are identified in caregiver responses to feedback questions.