**Scoring Guide for INSPIRE Scales**

INSPIRE Scales

The INSPIRE scales were created to provide a patient-reported outcome (PRO) of the lived experience of using automated insulin delivery systems in people with type 1 diabetes and their caregivers. They were generated through extensive qualitative and quantitative methods with over 1000 individuals. The four INSPIRE scales are developmentally-sensitive and brief, ranging from 17-22 items, making them feasible for individuals to complete in busy diabetes clinic settings or in clinical trials.

Specific Scales and Corresponding Items

Adults with type 1 diabetes (ages >18 years): 22 items

Partners of adults with type 1 diabetes: 22 items

Youth with type 1 diabetes (ages 8 to 17.99 years): 17 items

Parents of youth with type 1 diabetes: 21 items

How to Score and Interpret

1. Ensure that the scoring template used (paper or electronic) ranges from Strongly Agree to Strongly Disagree. The five response options should be scored as 4 = Strongly Agree, 3 = Agree, 2 = Neither Agree or Disagree, 1 = Disagree, and 0 = Strongly Disagree. All items are responded to on this same scale and there are no reverse-scored items. \*\*5=N/A. Drop all responses of 5 from the analysis
2. Calculate a mean score for all the items (only calculate mean for item scores from 0-4). This can be done in multiple programs (e.g., Excel, SPSS) and will provide a mean score ranging from 0 to 4.
3. Multiply the mean score calculated in step 2 by 25. This score represents a scaled score from 0 to 100 and was done in order to provide similar scaling as other commonly used quality of life scales. This final score will range from 0 to 100. Higher scores indicate more positive appraisal of automated insulin delivery.