Measuring Compulsions in PWS

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OCD in PWS

- Is there an “O” Obsession in PWS OCD?
- How can you measure it- clinical interviews versus questionnaires versus Expert diagnosis
- Can you have a “C” compulsion if there is no obsession? How does that cloud diagnosis?
- Is that really OCD or repetitive behavior/sensory seeking? Thoughts
- Does the skin picking in PWS fall into compulsive behavior or is it something else?
- Do we think there are subtype differences on compulsive behavior/skin picking in PWS?
Are genetic subtype differences real?

- Confounds:
  - sample size/selection
  - Clinic population versus online questionnaire
  - Age of participant- child versus adult
  - Gender
  - Reporter versus observation
  - How best to measure and report these to parents, professionals and others
Novell-Alsina, et al., 2019

- 27 adults with PWS
- Clinic population mean age of 27
- Type 1  7
- Type 2  13
- UPD  7
- 17 were taking Psychiatric meds (9=SSRI, 14=topamax/anti-seizure, 2=antipsychotic, and 1=benzo)
- Used Compulsive Behavior Checklist, CY-BOCS, and Repetitive Behavior Questionnaire with caregiver
results

- Type 2 (76%) had markedly more compulsive behavior than Type 1 (28%) or UPD (28%).

- Top compulsion was: Skin-picking (56%), ordering (48%), cleaning (44%)

- Do these findings match your clinical observations and expertise?

- Are we using the right instrument and methods to measure these symptoms accurately? Can we diagnose with them?