**METHODS:**
- Baseline Visit: Consent, receive the brochure, and complete the Patient Education Material Assessment Tool (PEMAT).
- ETS: evaluates mental health, specifically measuring mental distress, anxiety, depression, and anger.
- MSAS: evaluates a diverse group of symptoms commonly seen with chemotherapy.
- Week 6 and Week 12: Repeat PEMAT, ETS, and MSAS.
- TABLE 1. Patient Characteristics and Chemotherapy Regimen
  - Table 2. Selected patient first impressions to educational brochure
  - Table 3. Summary of Preliminary results and P-values

**TRIAL DESIGN:**
- Patients enrolled on a rolling basis.
- Anticipated 10-15% dropout rate.
- Table of MSAS (left) and ETS (right).

**REFERENCES:**

**HYPOTHESIS:**
- Providing patients with comprehensive information about chemotherapy, side effects, and treatments will help them:
  - Better understand how to address issues themselves
  - Know what to contact their medical oncologist
  - Understand when to go to the Emergency Department
  - Improve their quality of life
  - Notable first impressions to chemotherapy educational brochure:
    - “This would have been perfect for when I started treatment!”
    - “I like that all this information is in one place. The content looks very applicable and helpful. I am excited to mark up the pages!”

**DATA ANALYSIS PLAN:**
- Outcome variables will be from PEMAT, ETS, and MSAS.
- For some of the measurement scales, not all the single items will be analyzed, sub-scales will be calculated and analyzed instead.
- Paired-sample tests will be used to compare the difference between visit 2 and/or 3’s data and the baseline measurements.
- Linear mixed-effect models for repeated measures will be used to examine the overall pattern by using data from all three time points.
- Secondary outcome: Drop-out rate after baseline visit. The point estimate and the 95% confidence interval (CI) for the patient dropout rate will be reported.
- This will help us better plan the next level of this study in the future.

**BACKGROUND:**
- The diagnosis of cancer is a life-altering event an overwhelming for patients and their families.
- Patients often turn to easily accessible but disreputable resources, such as the internet, to learn more.
- There is a lack of patient education materials regarding cytotoxic chemotherapy side effects, research-supported treatments, and the utilization of complementary and alternative medicine.
- We believe that an educational brochure about these topics would be beneficial to our patient population at Penn State.