

## STATISTICAL ANALYSIS PLAN

**TITLE: Postpartum Non-pharmacologic Pain Management – Randomized Controlled Trial**

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Statistical analysis will consist of comparison of the study groups (Abdominal binder vs Standard of care) on:

- 1) baseline characteristics including age and baseline pain score.
- 2) study outcomes for average pain score on postpartum day 0 and postpartum day 1.
- 3) postpartum non-narcotic pharmacologic medication use.
- 4) narcotic pharmacologic pain medication used.

Analysis will be as follows:

- 1) Baseline age and postpartum pain scores will be analyzed using Student's T-test.
- 2) Average pain scores on PPD0 and PPD1 will be analyzed using Student's T-test.
- 3) Postpartum non-narcotic pharmacologic medications will be compared using Chi square.
- 4) Post partum narcotic pharmacologic medication use will be analyzed using Fisher's Exact test.