**Supplemental Table 1.** Comprehensive reflux findings before and after CMP exclusion of infants with CMPA. Data median [interquartile range]. P-values for related samples Wilcoxon Signed Rank Test shown.

|  |  |  |  |
| --- | --- | --- | --- |
| Effect of CMP Exclusion on GER Outcome | Baseline  ON CMP | Repeat  OFF CMP | p-value |
| Reflux Symptoms - IGERDQ  Q1. How often does the baby usually spit up?  Q2. How much does the baby usually spit up?  Q3. Does the spitting up seem to be uncomfortable?  Q4. Does the baby refuse feeding even when hungry?  Q5. Does the baby have trouble gaining weight?  Q6. Does the baby cry a lot during or after feeding?  Q7. Do you think the baby cries/fusses more than normal?  Q8. How many hours does the baby cry or fuss each day?  Q9. Do you think the baby hiccups more than most babies?  Q10. Does the baby have spells of arching back?  Q 11. Has the baby ever stopped breathing?  Q 12. Has the baby turn blue or purple?  Total IGERDQ score (max. 42) | 3 [3, 3]  2 [2, 3]  **3 [2, 3]**  1 [0, 2]  **2 [1, 3]**  3 [2, 3]  2 [2, 3]  2 [2, 3]  **3 [2, 4]**  3 [2, 3]  0 [0, 2]  0 [0, 0]  **24 [20, 26]** | 3 [2, 3]  2 [2, 2]  **2 [1, 3]**  1 [0, 1]  **1 [0, 1]**  2 [1, 2]  2 [1, 3]  2 [1, 2]  **2 [1, 3]**  2 [1, 3]  0 [0, 0]  0 [0, 0]  **18 [13, 24]** | .180  .083  **.029**  .763  **.050**  .057  .227  .107  **.029**  .160  .083  .157  **.008** |
| pH-MII findings  Acid Exposure time pH<4 (%)  Mean Acid Clearance Time (s)  Total MII GER Episodes (n)  Total MII Non-Acid GER Episodes (n)  Total MII Acid GER Episodes (n) | **4.9 [2.7, 16.1]**  **125 [91, 209]**  30 [23, 46]  29 [19, 34]  63 [50, 75] | **2.6 [1.8, 4.0]**  **85 [64, 133]**  33 [24, 44]  27 [13, 41]  65 [52, 74] | **.041**  **.050**  .878  .798  .758 |