RCT/SCD/pediatric CD/ Induction

The Specific Carbohydrate Diet and Diet Modification as Induction Therapy for Pediatric Crohn's Disease: A Randomized Diet Controlled Trial

Single center, double-blind trial. Pediatric patients with CD were randomized to Specific Carbohydrate Diet (SCD) modified SCD (mSCD) or whole foods (WF) diet.

Primary endpoints: Clinical remission at week 12 (PCDAI <10)</pre>

Results: N=18

- Of the patients who completed the study (n=10) all were in clinical remission at w12.
- C-reactive protein decreased in all groups.

Conclusion:

This study emphasizes the impact of diet in CD. Each diet had a positive effect on symptoms and inflammatory burden; the more exclusionary diets were associated with a better resolution of inflammation.

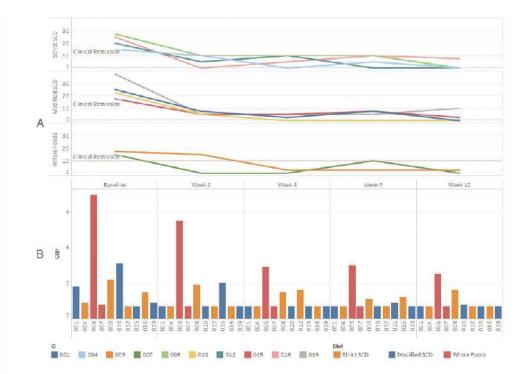


Figure 3. Clinical and laboratory outcomes during dietary therapy. (A) Pediatric Crohn's disease Activity index per dietary therapy (SCD, MSCD, and WF) over 12 week study period (B) C-reactive protein per patient per dietary therapy (orange = SCD; blue = MSCD; red = WF) over 12 week study period.