Intestinal Rehabilitation and Managing the Difficult Abdomen

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5th Annual Pursuit to Excellence: Wound, Ostomy, and Continence Management

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Disclosures

Zealand Pharma – investigator and consultant Takeda – investigator and consultant VectivBio – investigator The Insides Company – investigator

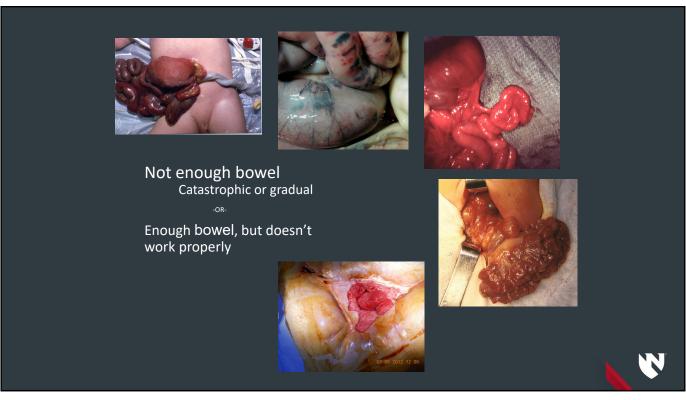


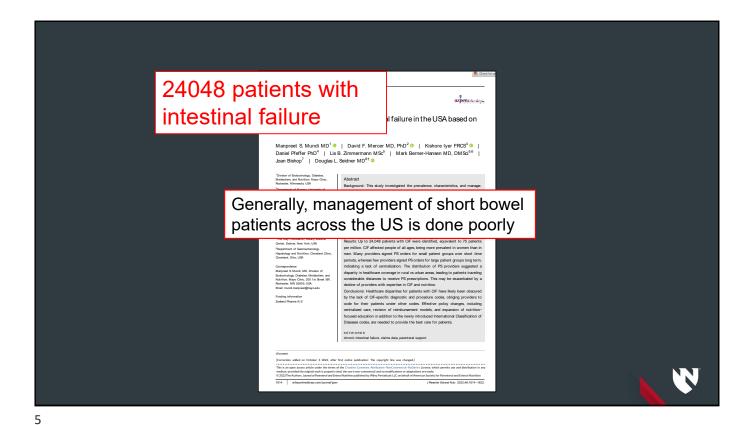
What is Intestinal Failure?

Inability to maintain nutrition and/or hydration solely with your own intestines.



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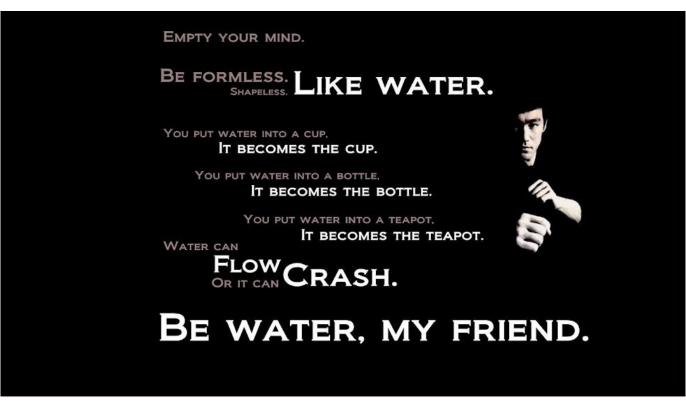
What can we do in intestinal rehab?

At the end of the day...

The most children and adults having the best life they can



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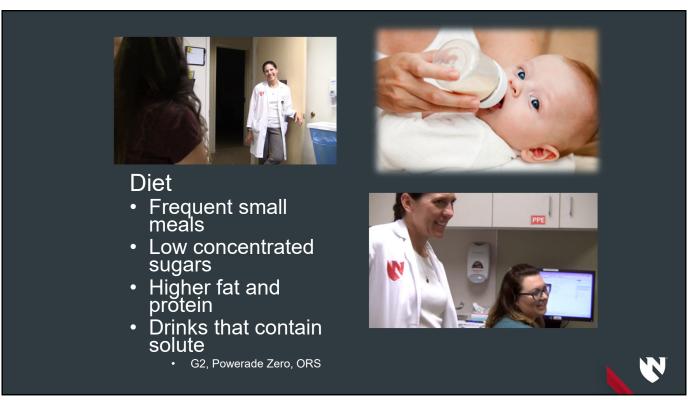


How do we do?

- Most babies with 10-15cm of small intestine and 2/3 of their large intestine will come off TPN
- Most adults with 30-40cm of small intestine and 75% of their large intestine will come off TPN
- Most adults with 100cm of small intestine and no colon will come off TPN
- Virtually every patient who comes to a specialized center will have a significant improvement in quality of life and a significant drop in intravenous suport



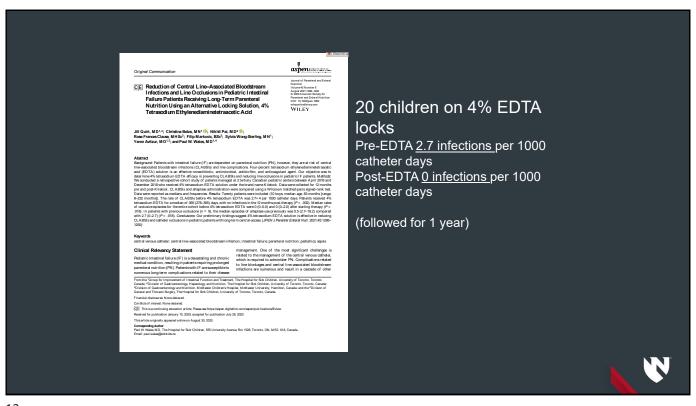
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TPN Management • Minimizing toxicity • Maximizing time off • Preventing dehydration SMOFLipid As much as possible we want TPN to fade into the background of people's daily lives

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Central Line Management • Don't pull lines • Constantly stress perfection in line care • Locks (ethanol, antibiotic, taurolidine, EDTA)



Medications • To slow you down • loperamide, diphenoxylate • To speed you up • erythromycin, metoclopromide, domperidone • To make stool less toxic • cholestyramine, PPI/H2 blocker • To modify bacteria • antibiotics, probiotics • To help you absorb better



wth Teduglutide Glepaglutide Apraglutide

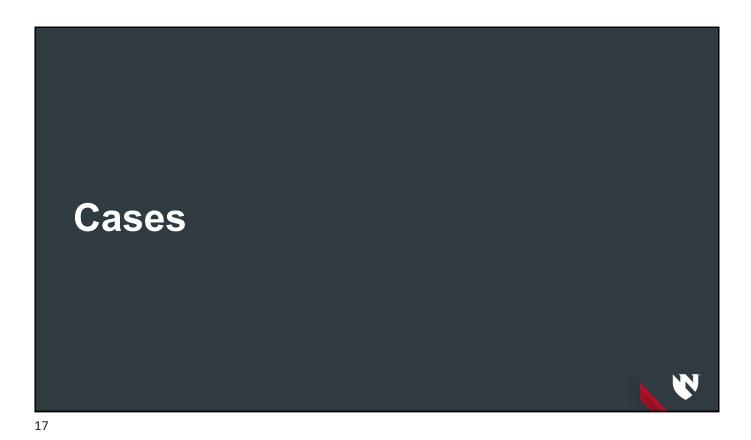


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What are GLP-2 analogues?

- Changes made to a protein that we all make that control how the lining in the intestine grows (amongst other things)
- Approved drug is teduglutide (Gattex)
 - Generally very well tolerated
 - · Leads to a reduction in IV support in most children and adults treated with
- If approved, newer versions will be given once or twice weekly and likely will have the same benefits













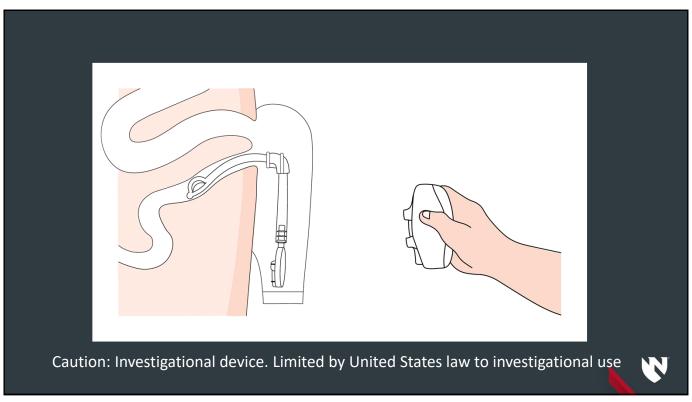










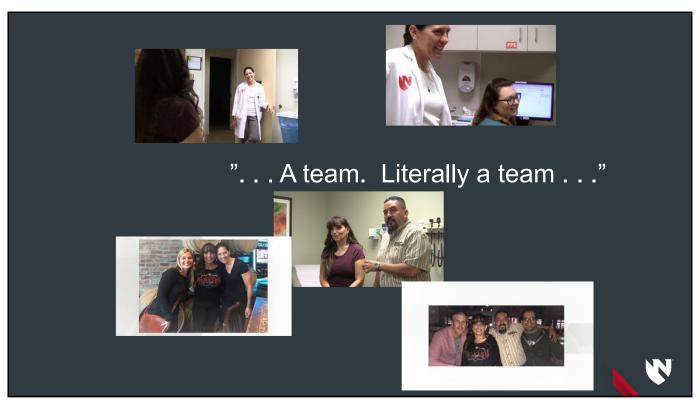






Ana's story

https://youtu.be/600nGUW8VSE



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When you have the chance to influence the care of a patient on <u>TPN for greater than 3 months</u>, empower them to get care at a center of excellence with a defined and strong intestinal failure program



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Questions?

