

**HOSPITALS**

**UNIVERSITY OF ALBERTA**

Sander Veldhuyzen van Zanten, MD, PhD  
**DIRECTOR**  
AHS Edmonton Zone Section Head  
Pernilla D'Souza, MD  
Levinus A Dieleman, MD, PhD  
Richard N Fedorak, MD  
Brendan Halloran, MD  
Vivian Huang, MD  
Dina H J Kao, MD  
Karen I Kroeker, MD  
Adriana Lazarescu, MD  
Farhad Peerani, MD  
Gurpal S Sandha, MBBS  
Richard Sultanian, MD  
Karen Wong, MD  
Sergio Zepeda-Gomez, MD

**HEPATOLOGY**

Vincent G Bain, MD  
Juan Gonzalez- Abraldes, MD  
Klaus S Gutfreund, MD  
Constantine J Karvellas, MD  
Mang M Ma, MD  
SITE CHIEF  
Andrew L Mason, MBBS  
Aldo Montano-Loza, MD  
Puneeta Tandon, MD  
Winnie W S Wong, MD

**Nurse Practitioners**

Michelle Carbonneau, NP  
Melissa Harriott, NP  
Kimberly Newnham, NP

**BASIC SCIENTIST/RESEARCH**

Karen L Madsen, PhD

**PUBLIC HEALTH SCIENCES**

Karen J Goodman, PhD  
Phil Jacobs, PhD

**ROYAL ALEXANDRA**

Lana Bistriz, MD  
SITE CHIEF  
James P Ferguson, MD  
Leah M Gramlich, MD  
Jennifer Jin, MD  
Melissa Johnson, MD  
Greg Lutzak, MD  
Kata Matic, MD  
Jill McDermid, MD  
Amy Morse, MD  
Daniel C Sadowski, MD  
Dennis N Todoruk, MD  
Clarence K W Wong, MD

**HEPATOLOGY**

Robert J Bailey, MD  
Marilyn Zeman, MD

**MISERICORDIA**

Allen Lim, MD  
Melanie Pinchbeck, MD  
Lori M Stead, MD, PhD  
Brennan M A Walters, MD  
SITE CHIEF

**GREY NUNS**

Anand Bala, MD  
Vijey Selvarajah, MD  
Jesse Siffledeen, MD  
SITE CHIEF  
Connie M Switzer, MD

**STURGEON**

Naseem Hoque, MD  
SITE CHIEF

## Chronic Diarrheal Protocol

### 100 gm fat diet x 2 d at home

#### Day One

- Admit, History & Physical
- Dietician to see
- CBC & Diff, ESR, CRP
- Electrolytes, BUN, Creatinine, Calcium, Magnesium, Phosphate, Zinc
- AST, ALT, ALP, GGT, Bilirubin, Albumin, Total Protein
- TSH progressive
- B12, RBC Folate
- Fe, TIBC, Ferritin
- Morning Cortisol
- Anti-TTG, Quantitative Immunoglobulin, Serum protein electrophoresis
- EKG, CXR, Urinalysis
- Stool for C&S, O&P, Clostridium difficile toxin, WBC, Sudan fat stain

#### Day Two

- Gastroscopy and biopsy (for histopathology, Giardia, microsporidium)

#### Day Two, Three, and Four

- 72 h stool: Fat, wt, bile acid, Na/K/Cl, osmolality

#### Day Five

- <sup>14</sup>C – glycocholate breath test
- Stool for C&S, O&P

#### Day Six

- Lactulose breath test
- Stool for C&S, O&P

#### Day Seven

- Lactose breath test
- If secretory: 24 hr urine – 5–HIAA, Serum gastrin, VIP, Somatostatin, Calcitonin
- Consider Laxative screen

#### Day Eight

- Clear fluids/Go-Lytely prep

#### Day Nine

- Colonoscopy & multiple colonic biopsies

#### Day Ten

- Small bowel enterolysis