Diagnostic Aid for Gastrointestinal Disease

Abdominal Pain & Change in Bowel Habit

Fecal Calprotectin

Fecal Calprotectin ELEVATED

Inflammation Present

Fecal Calprotectin NOT ELEVATED

No Evidence of Inflammation

Patient History & Physical Exam

Infection
- C-difficile Stool test by PCR
- CSS Stool test
- Ova & parasite stool tests

Inflammatory Bowel Disease
- ASCA Serum test
- CRP Serum test
- ESR Serum test
- pANCA Serum test
- Endoscopy & Medical Imaging

Malignancy
- Colonic Serum test
- Fecal Immunochemical Test (FIT)
- Guaiac Stool test
- Lynch Disease Genetic test*
- Endoscopy & Medical Imaging

Pancreatic Insufficiency
- Fat & Meat Fibers
- Fecal Elastase
- Xylose test

Celiac Disease
- Deaminated Gliadin Peptides (IgA/IgG)
- Endomysial Antibodies Serum test
- HLA-DQ2 test
- IgA Quantitation Serum test
- Tissue Transglutaminase Serum test (IgA)
- Endoscopy & Medical Imaging

Microscopic Colitis
- ASCA Serum test
- pANCA Serum test
- Endoscopy & Medical Imaging

Food Intolerance
- Lactose Intolerance Serum and Breath tests
- SAIGE Serum (IgE)

Rare Disorders
- Bile Acids Serum test
- SIBO Breath tests
- Endoscopy & Medical Imaging

Irritable Bowel Syndrome
- Psychogenic Factors

Endoscopy & Medical Imaging

Lactose Intolerance
- Serum and Breath tests
- SAIGE Serum (IgE)

Psychogenic Factors

This Diagnostic Aid was produced under the RCPSC guidelines for the development of co-developed educational activities between the CAG and LifeLabs. It was developed as part of an Accredited Section One Group Learning Activity as defined by the Maintenance of Certification program of the RCPSC.