

# A “non-invasive” test for Inflammatory Bowel Disease

Never Stand Still

NewSouth Innovations

## Point of Care Testing - for Inflammatory Bowel Disease - Capable of distinguishing between Ulcerative Colitis and Crohn’s Disease

### The Invention

Inflammatory bowel disease is a life-long relapsing and remitting inflammatory disorder primarily affecting the gastrointestinal tract.

Invasive diagnostic investigations, specifically colonoscopy and histopathological evaluation, are the current standard for diagnosis.

This invention provides a method of diagnosing or assessing inflammatory bowel disease including Crohn’s disease and Ulcerative Colitis using a set of six protein/peptide markers by comparing the level of one or more markers relative to a reference value for the one or more markers.

The technology is also capable of distinguishing between Ulcerative Colitis and Crohn’s disease and the severity of the condition.

### Key Benefits

The development of a point of care diagnostic test would provide:

- Non-invasive testing
- Rapid test and results
- Accurate diagnosis
- Significant reduction in medical costs
- Faster intervention - better treatment options
- Better disease management



### The Opportunity

UNSW is seeking a commercial partner to licence and/or to work collaboratively with the inventor Dr Valerie Wasinger in the development of this diagnostic test.

<https://research.unsw.edu.au/people/dr-valerie-wasinger/publications>

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