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Implications of Artificial Intelligence in Inflammatory Bowel Disease: Diagnosis, Prognosis and Treatment Follow up

Artificial Intelligence in IBD

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Inflammatory Bowel Disease

Medical Condition

A group of intestinal disorders that cause inflammation of the digestive tract. This causes abdominal pain, cramping and unexplained weight loss.



Common (More than 200,000 cases per year in US)



Often requires lab test or imaging



Treatments can help manage condition, no known cure



Can be lifelong

IBD is said to be the result of autoimmune reactions. Inflammatory bowel disease (IBD) presents as crohn's disease or ulcerative colitis. It may be characterized by diarrhea, abdominal pain and cramping, tiredness, and weight loss. Treatment of inflammatory bowel disease focuses on reducing inflammation that causes the symptoms which can eventually lead to complications. The treatment involves administering medication or performing surgery.

Symptoms

Symptoms may vary from mild to severe and include:

- Diarrhea
- Fever
- Fatigue
- Blood in stool

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