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Publish Year: 1999

Background & Aims: The Pediatric Crohn's Disease Activity Index (PCDAI) is a multi-item measure that, in contrast to the adult-derived CDAI, includes linear growth and places less emphasis on ...

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tion in Crohn's disease.1 Hence, multi-item measures of disease activity have been developed for use in clinical trials.2-4 The widely used Crohn's Disease Activity Index (CDAI) was developed for use in adult patients.2 How-ever, the CDAI does not consider aspects of Crohn's disease unique to children, most notably the potential for

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Is there an activity index for Crohn's disease?

Which is better to diagnose Crohn's disease or PCDAI?

What does a score of 150 mean for Crohn's disease?

Who is the author of paediatric Crohns disease?

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Crohn's Disease


Medical Condition




A chronic inflammation of the digestive tract that leads to abdominal pain, severe diarrhea, fatigue, weight loss and malnutrition.

 Rare (Fewer than 200,000 cases per year in US)

 Requires lab test or imaging

 Treatments can help manage condition, no known cure

 Can be lifelong

The exact cause is unknown but heredity and malfunctioning immune system play a role. Common symptoms include abdominal pain, diarrhea, malnutrition and fatigue. Treatment includes medications, nutritional supplements, and surgery, either independently or in combination. Treatment options depend on the location and severity of the disease.

Symptoms

Symptoms range from mild to severe and include:

- Abdominal pain and tenderness
- Feeling of a filled abdomen
- Tiredness
- Diarrhea, which can be mixed with blood, mucus or pus in severe cases
- Constipation
- Nausea
- Weight loss
- Fever
- Rectal bleeding
- Inflammation of the joints, eyes, and mouth

Children with crohn's disease may report retarded growth or delayed sexual development.

Treatments

Treatment includes medications, nutritional supplements, and surgery, either independently or in combination. Treatment options depend on the location and severity of the disease.

Medication

- Anti-inflammatory drugs: To reduce inflammation.  
Sulfasalazine · Mesalamine · Olmesalazine
- Immunosuppressants: Reduce the immune reaction.  
Azathioprine · Tacrolimus
- Biologics: Monoclonal antibodies are administered for immunosuppression.  
Infliximab · Adalimumab · Certolizumab
- Antibiotics: To control infection.  
Ampicillin · Cefotaxime · Ciprofloxacin · Tetracycline
- Anti-diarrheal agents: To control diarrhea.  
Loperamide

Self care

- Fluid replacement to prevent dehydration.
- Nutritional supplements to replace lost nutrients, including iron, vitamin B, calcium and vitamin D supplements.

Medical procedures: Colectomy

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**Observational Study**

**Assessing disease activity using the pediatric Crohn's disease activity index: Can we use subjective or objective parameters alone?**

**Grant A et al.** Disease activity in pediatric Crohn's disease

Amy Grant, Trudy Lerer, Anne M Griffiths, JS Hyams, Anthony Otley

**Abstract**

**BACKGROUND**

The pediatric Crohn's disease activity index (PCDAI) is used as a standard tool to assess disease activity in clinical trials for pediatric Crohn's disease.

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#### PEOPLE ALSO ASK

Is there an activity index for Crohn's disease?



Which is the best test for Crohn's disease?



What does PCDAI stand for in Crohn's disease?



How is optimising monitoring used in the management of Crohns disease?



Feedback

### Evaluation of the Pediatric Crohn Disease Activity Index ...

[https://journals.lww.com/jpgn/Fulltext/2005/10000/...](https://journals.lww.com/jpgn/Fulltext/2005/10000/)

The Pediatric Crohn Disease Activity Index (PCDAI) was developed at a consensus meeting of pediatric inflammatory bowel disease (IBD) experts and subsequently validated at 12 pediatric centers in North America. This multi-item instrument consists of four general fields: history, physical examination, growth parameters, and common laboratory tests.