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Diagnosis and treatment of iron-deficiency anemia in gastrointestinal bleeding: A systematic review

Cotter J *et al.* Anemia in gastrointestinal bleeding

José Cotter, Cilénia Baldaia, Manuela Ferreira, Guilherme Macedo, Isabel Pedroto

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## Diagnosis and treatment of iron deficiency anemia in ...

<https://www.ncbi.nlm.nih.gov/pubmed/28119272>

Diagnosis and treatment of iron deficiency anemia in patients with **inflammatory bowel disease** and gastrointestinal bleeding: **iron deficiency anemia working group consensus report**. Akpinar H(1), Çetiner M, Keshav S, Örmeci N, Törüner M.

**Cited by:** 4

**Author:** Hale Akpinar, Mustafa Cetiner, Satish K...

**Publish Year:** 2017

## Diagnosis of gastrointestinal bleeding: A practical guide ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4231512>

Nov 15, 2014 · In a randomized controlled trial in patients with iron deficiency **anemia** and obscure **GI bleeding**, capsule endoscopy identified a **bleeding** source significantly more than push enteroscopy (50% vs 24%,  $P = 0.02$ ). Double-balloon enteroscopy was shown in a **systematic review** to have a diagnostic yield of approximately 68% in obscure **GI bleeding**.

**Cited by:** 73

**Author:** Bong Sik Matthew Kim, Bob T Li, Alexan...

**Publish Year:** 2014

## Guidelines on the diagnosis and treatment of iron ...

<https://academic.oup.com/ajcn/article/102/6/1585/4555166> ▾

**Introduction**

**Methods**

**Results**

**Discussion**

**Abbreviations**

Iron deficiency (ID)<sup>8</sup> is the most common and widespread nutritional disorder in the world; 2 billion people—>30% of the world's population—are anemic, many because of ID (1, 2). ID is the only nutrient deficiency that is also prevalent in industrialized countries (1), particularly in women of childbearing age with heavy menstrual flow and miscarriages. In clinical practice, several chronic conditions are also associated with ID.ID, with or without anemia, is a common complication of can...

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**Cited by:** 106

**Author:** Laurent Peyrin-Biroulet, Nicolas Williet, ...



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## Open questions and misconceptions in the diagnosis and ...

<https://pubmed.ncbi.nlm.nih.gov/29107389>

Despite high prevalence of **iron deficiency anemia** (IDA) in patients with acute or chronic **gastrointestinal bleeding** (GIB), IDA and **iron deficiency** (ID) are frequently untreated. Reasons may be misconceptions about the impact and **diagnosis** of IDA and the efficacy of new **treatments**.

## Iron deficiency anemia - Diagnosis and treatment - Mayo Clinic

<https://www.mayoclinic.org/diseases-conditions/...> ▾

Diagnosis

Treatment

Preparing For Your Appointment

To diagnose iron deficiency anemia, your doctor may run tests to look for: 1. Red blood cell size and color. With iron deficiency anemia, red blood cells are smaller and paler in color than normal. 2. Hematocrit. This is the percentage of your blood volume made up by red blood cells. Normal levels are generally between 34.9 and 44.5 percent for adult women and 38.8 to 50 percent for adult men. These values may change depending on your age. 3. Hemoglobin. Lower than normal hemoglobin levels in...

[See more on mayoclinic.org](#)

## Iron-Deficiency Anemia

Medical condition

Iron deficiency anemia is a common type of anemia - a condition in which blood lacks adequate healthy red blood cells.

[MayoClinic](#)

## Symptoms

The symptoms of moderate to severe iron deficiency anemia include:

- general fatigue
- weakness
- pale skin
- shortness of breath
- dizziness
- strange cravings to eat items that aren't food, such as dirt, ice, or clay
- a tingling or crawling feeling in the legs...

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## Iron deficiency anemia - Diagnosis and treatment - Mayo Clinic

<https://www.mayoclinic.org/diseases-conditions/...> ▾

### Diagnosis

### Treatment

### Preparing For Your Appointment

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[See more on mayoclinic.org](#)

## AGA Clinical Practice Guidelines on the Gastrointestinal ...

[https://www.gastrojournal.org/article/S0016-5085\(20\)34847-2/fulltext](https://www.gastrojournal.org/article/S0016-5085(20)34847-2/fulltext)

Aug 15, 2020 · This document presents the official recommendations of the American Gastroenterological Association (AGA) on the **gastrointestinal evaluation of iron deficiency anemia (IDA)**. The guideline was developed by the AGA Institute's Clinical Guidelines Committee and approved by the AGA Governing Board. It is accompanied by a technical **review** that provides a detailed ...

**Cited by:** 1

**Author:** Cynthia W. Ko, Shazia M. Siddique, Amit ...

**Publish Year:** 2020

## Challenges in the diagnosis of iron deficiency anemia in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5568579>

It has often been associated to **gastrointestinal bleeding** caused by esophagitis, gastritis, peptic ulcer, cancer, and intestinal polyps.<sup>2, 3, 4, 5</sup> Although a bone marrow examination is the gold standard test to assess iron stores, it is an invasive method with no practical applicability.<sup>6, 7</sup> A recent **systematic review** showed that all guidelines ...

**Cited by:** 2

**Author:** Niele Silva de Moraes, Maria Stella Figue...

**Publish Year:** 2017

## Iron-Deficiency Anemia

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[MayoClinic](#)

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- a tingling or crawling feeling in the legs...

[Read more on Healthline](#)

## Causes

Causes of iron deficiency anemia include:

Blood loss. Blood contains iron within red blood cells. So if you lose blood, you lose some iron. Women with heavy periods are at risk of iron deficiency anemia because they lose blood during menstruation...

[Read more on MayoClinic](#)

## Treatments

Eating healthy foods is the most important way to prevent and treat iron deficiency. Good sources of iron include: