

### Zinc-induced copper deficiency, sideroblastic anemia, and ...

<https://onlinelibrary.wiley.com/doi/full/10.1002/ccr3.2987>

May 28, 2020 · Among 40 patients diagnosed with **copper deficiency** in one study, 16 patients had elevated **zinc** levels, but the source of **zinc** excess could be ascertained in only one patient. 1 Other than hematologic findings, neurologic findings such as sensorimotor or cognitive deficits can also present concomitantly in a few cases. 2 **Copper** supplementation, through oral or IV route, is the mainstay of ...

Author: Ahsan Wahab, Kamran Mushtaq, Samu... Publish Year: 2020

### Copper deficiency with pancytopenia due to enteral ...

<https://www.sciencedirect.com/science/article/pii/S0261561497802397>

Jun 01, 1997 · Haematologic abnormalities such as **neutropenia** and **anaemia**, but not **pancytopenia**, have been described associated to **copper deficiency**. We report the case of a patient requiring long term enteral nutrition through jejunostomy who developed **copper deficiency** and **pancytopenia**.

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Jun 01, 1997 · **Copper deficiency** is a rare **complication** of enteral nutrition. Haematologic abnormalities such as **neutropenia** and anaemia, but not pancytopenia, have been described associated to **copper deficiency**. We report the case of a patient requiring long term enteral nutrition through jejunostomy who developed **copper deficiency** and pancytopenia.

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May 28, 2020 · **Excessive zinc** administration in the form of topical, oral, or enteral products, including but not limited to acne creams, wound care products, OTC zinc-related supplements, denture adhesive creams, and ingestion of metallic objects, is attributed to causing hypocupremia. 3-8, 10 Hypocupremia-induced hematologic abnormalities are often misdiagnosed as other disorders. 11 Hematologically ...

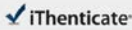
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**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 64135

**Manuscript Type:** CASE REPORT

**Isolated neutropenia caused by copper deficiency due to jejunal feeding and excessive zinc intake: A case report**

Cu deficiency due to PEG-J feeding

Hiromitsu Ohmori, Hiroko Kodama, Masahiko Takemoto, Masami Yamasaki, Tomio Matsumoto, Masao Kumode, Takafumi Miyachi, Ryo Sumimoto

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Publish Year: 1997

### [\(PDF\) Cytopenia associated with copper deficiency](#)

<https://www.researchgate.net/publication/354163785...>

We defined copper deficiency as serum copper level below the lower limit of normal ( $< 68 \mu\text{g/dL}$ ).

Leukopenia, neutropenia, anemia, and thrombocytopenia were defined as white blood cells ...

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Author: Ahsan Wahab, Kamran Mushtaq, Sa...

Publish Year: 2020

### [Copper deficiency causes reversible myelodysplasia ...](#)

<https://www.researchgate.net/publication/6566996...>

Abstract. Copper deficiency is a recognized but often overlooked cause of anemia and neutropenia.

We began checking serum copper levels on patients referred for evaluation for unexplained anemia ...

Estimated Reading Time: 9 mins

### [Update on anemia and neutropenia in copper deficiency ...](#)

<https://www.researchgate.net/publication/51789533...>

Copper deficiency is an under-recognized cause of reversible refractory anemia and leukopenia, particularly neutropenia, often misdiagnosed as myelodysplastic syndrome (MDS).