

Name of Journal: *World Journal of Psychiatry*

Manuscript NO: 53547

Manuscript Type: MINIREVIEWS

Abdominal pain related to adulterated opium: An emerging issue in drug addicts

Vahabzadeh M *et al.* Adulterated opium-induced abdominal pain

Maryam Vahabzadeh, Bruno Mégarbane

Abstract

Lead may contaminate opium, heroin and illicit opiates and is particularly observed in Iran. Lead, a natural heavy metal is able to interfere with several organ functions after ingestion or inhalation. Lead poisoning manifestations are non-specific and thus lead poisoning remains difficult to diagnose. Among the manifestations, abdominal pain is almost the most frequent symptom causing patients to seek medical care. In patients with a history of opium addiction presenting with moderate-to-severe abdominal pain,

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Aug 12, 2017 · The **emergence** of these new health **problems related to opioid abuse** has precipitated this MiniReview on the status of the most **hazardous** and common **opioid adulterants**. In fact, **adulterated opium** is a major public health **problem** and can threaten the health of users.

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Clinical Aspects of **Opium Adulterated** with Lead in Iran: A Review Samira Alinejad 1, Jan Aaseth2, ... **abdominal pain**, constipation and anaemia. **Drug** abuse is one of the most common of the avoidable ... new **issues related** to illegal synthesizing, dis-tribution and consumption of opioid drugs have unfolded.

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Publish Year: 2018

WHO | Lead poisoning outbreak among opium users in the ...

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Other findings included **anaemia**, **constipation**, seizures, loss of consciousness, weakness, muscle and **bone pain**, **nausea and vomiting**, ataxia, mutism, wrist drop, paraesthesia, encephalopathy and delirium. 14 – 17 Initially diagnosed as **acute abdominal emergencies**, many of the patients underwent unnecessary surgery. 18 Blood samples of admitted patients showed elevated lead levels and also random tests in samples of **illegal opium** ...

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Aug 12, 2017 · Thus, **adulteration of opioids** such as **opium** with other poisonous substances at the stage of production or consumption has precipitated numerous health problems 7, 8 . **Lead poisoning due to opium impurities** is one of the **major health issues** among **opium**-dependent people in Middle East countries including Iran 9 .

Cited by: 23 **Author:** Samira Alinejad, Jan Aaseth, Mohammad...

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[Lead Toxicity among Oral Opium Addicts with Abdominal Pain ...](#)

<https://www.researchgate.net/publication/318661303...>

Objective: **Lead toxicity** is a common health problem worldwide. It is usually occupational but sometime non-occupational toxicities are reported. **Opium-related lead toxicity** has been reported in recent years. Here we evaluated common clinical findings among **oral opium addicts** with proven lead toxicity.

[Lead Toxicity Resulting from Chronic Ingestion of Opium](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2791725>

He **related chronic ingestion** of large amounts of **opium**. **Physical examination** showed **mild abdominal tenderness** and **gingival discoloration**. Diagnostic studies showed a mild hypochromic, **microcytic anemia** with basophilic stippling of the **red blood cells**.

Cited by: 21 **Author:** Mohammad Jalili, Reza Azizkhani

Publish Year: 2009

[Lead Toxicity: A Probable Cause of Abdominal Pain in Drug ...](#)

<https://www.researchgate.net/publication/228762520...>

Lead Toxicity: A Probable Cause of **Abdominal Pain in Drug Abusers**. Background: **Lead toxicity** is caused by ingestion, inhalation, or contact with particles or vapors containing lead. It can present with **nonspecific signs** and symptoms such as abdominal pain, **constipation**, **irritability**, **diffi-culty concentrating**, and anemia.

[Clinical Aspects of Opium Adulterated with Lead in Iran: A ...](#)

<https://www.semanticscholar.org/paper/Clinical...>

In fact, **adulterated opium** is a major public health problem and can threaten the health of users. In this study, we searched for information on **opium**, opiates, lead poisoning, toxicity, intoxication, Iran and



Abdominal pain related to adulterated opium: An emerg



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Aug 12, 2017 · Observed 42 **drug addicts** presenting with **abdominal pain**: 51.17 µg/dl: Significant relationship with mode (no LP in inhalation group) of **opium use**. No **relation** with duration of addiction. Significant **relation** between LP and age (lower in LP groups). No significant **relation** between LP and amount of **drug** consumed

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[\[PDF\] Clinical Aspects of Opium Adulterated with Lead in Iran: ...](#)

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abdominal pain, constipation and anaemia. **Drug abuse** is one of the most common of the avoidable health, socio-economic and cultural threats worldwide. More-over, they are causing serious problems that destruct human resources [1]. In addition, **drug abuse** is a major problem of public health in **Iran and opium** and its derivatives are the

Cited by: 23**Author:** Samira Alinejad, Jan Aaseth, Mohammad...**Publish Year:** 2018