



MENU

[Results for FACTORS ASSOC... >](#)

Factors Associated with an Increased Risk of Opioid Misuse Among Patients ...



Factors Associated with an Increased Risk of Opioid Misuse Among Patients with Non-Cancer Pain in Malaysian Pain Clinic Settings

By Sani, AR (Sani, Asween R.) ; Zin, CS (Zin, Che Suraya)

[View Web of Science ResearcherID and ORCID](#) (provided by Clarivate)

Source JOURNAL OF PSYCHOACTIVE DRUGS
Volume: 57 Issue: 4 Page: 444-454
DOI: 10.1080/02791072.2024.2387602

Published AUG 8 2025

Early Access AUG 2024

Indexed 2024-08-13

Document Type Article

Abstract This study examined the factors associated with a high risk of opioid misuse among patients receiving opioid treatment for their non-cancer pain in Malaysian pain clinics. The Screener and Opioid Assessment for Patients with Pain-Revised (SOAPP-R), a validated instrument for predicting the risk of aberrant drug-related behaviors, were used as a proxy to indicate risk of opioid misuse. Data analysis was stratified into high-risk and low-risk patient groups. Patient factors assessed included pain intensity, pain interference with daily activities, and health-related quality

of life. Prescription opioid exposure was examined via patient medical and prescription records review. Among the 61 patients recruited, 62.3% scored ≥ 18 on the SOAPP-R, which indicates a high risk for opioid misuse. Factors associated with a high risk of opioid misuse were found to be high level of pain interference with daily activities, poorer mental health, and younger age. High-risk patients were found to be prescribed a lower mean daily opioid dose of <20 mg/day compared to low-risk patients (20-49 mg/day). This highlights the need for further research to distinguish aberrant drug-related behaviors due to inadequate pain management from that of actual prescription opioid misuse among non-cancer pain patients attending pain clinics.

Keywords

Author Keywords: Opioid; pain; pain management; non-cancer pain
Keywords Plus: DRUG-RELATED BEHAVIOR; USE DISORDER; UNITED-STATES; PRESCRIPTION; ABUSE; THERAPY; DEPENDENCE; ADDICTION; HISTORY; VALIDATION

Addresses

¹ Int Islamic Univ Malaysia IIUM, Pharm Practice Dept, Kulliyah Pharm, Kuantan, Pahang, Malaysia
² Univ Coll MAIWP Int UCMI, Fac Pharm, Basic Hlth Sci & Pharmacol Dept, Taman Batu Muda, Batu Caves, Kuala Lumpur 68100, Malaysia

**Categories/
Classification**

Research Areas: Psychology; Substance Abuse
 Citation [1 Clinical & Life](#) , [1.43](#) , [1.43.562 Opioid Pain](#)
 Topics: [Sciences](#) , [Anesthesiology](#) , [Management](#)
 Sustainable Development Goals: [03 Good Health and Well-being](#)

**Web of Science
Categories**

Psychology, Clinical; Substance Abuse

[+ See more data fields](#)

Citation Network**Use in Web of Science**

In Web of Science Core Collection

0 Citations

0

1