

# Community management of opioid overdose









# Community management of opioid overdose





### WHO Library Cataloguing-in-Publication Data

Community management of opioid overdose.

1.0pioid-Related Disorders – prevention and control. 2.Drug Overdose – prevention and control. 3.Naloxone – therapeutic use. 4.Community Health Services. 5.Guideline. I.World Health Organization.

ISBN 978 92 4 154881 6

(NLM classification: WM 284)

### © World Health Organization 2014

All rights reserved. Publications of the World Health Organization are available on the WHO website (www.who.int) or can be purchased from WHO Press, World Health Organization, 20 Avenue Appia, 1211 Geneva 27, Switzerland (tel.: +41 22 791 3264; fax: +41 22 791 4857; e-mail: bookorders@who.int).

Requests for permission to reproduce or translate WHO publications —whether for sale or for non-commercial distribution—should be addressed to WHO Press through the WHO website (www.who.int/about/licensing/copyright\_form/en/index.html).

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by the World Health Organization in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by the World Health Organization to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall the World Health Organization be liable for damages arising from its use.

Design and layout: L'IV Com Sàrl, Villars-sous-Yens, Switzerland.

Printed by the WHO Document Production Services, Geneva, Switzerland.



<b>Acknowledgements</b> is
Glossary of terms used in these guidelines
Acronyms & abbreviations vii
Executive summary
Introduction. Opioid overdose. Preventing opioid overdose. Who is at risk of an opioid overdose. Who is likely to witness an opioid overdose. Management of opioid overdose. Access to naloxone. Why these guidelines were developed. Existing relevant guidelines on related problems and disorders Who should use these guidelines. Objectives and scope of these guidelines Individuals and partners involved in development of the guidelines Management of conflicts of interest. How the guidelines were developed Systematic evidence search amd retrieval
Evidence to recommendations Peer preview process  Recommendations Key question 1 – Naloxone distribution (see Annex 2 for details) Key questions 2 and 3 – Formulation and dose of naloxone (see Annex 3 for details)  Key question 4 – Cardiopulmonary resuscitation (see Annex 4 for details)  Key question 5 – Post-resuscitation care (see Annex 5 for details)  14
Evidence gaps and research priorities
Plans for disseminating, adapting and implementing these recommendations  Evaluating the impact of these recommendations  Review date  Annex 1: Systematic review methodology
Annex 2: Key question 1 – Evidence profile and decision table 22  Annex 3: Key questions 2 and 3 – Evidence profiles and decision table 35
Annex 4: Key question 4 – Evidence profile and decision table
Annex 5: Key question 5 – Evidence profile and decision table 54  Annex 6: Values-and-preferences survey and key-informant interviews 55  Online survey 55  In-depth interviews 55
Annex 7: Composition of guideline groups 64
Annex 8: Declarations of interest



# DOCKET

# Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

# **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

# **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

# **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

### **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

### **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

## **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

