

Preventing Opioid Abuse in the Clinical Setting:

Innovative e-Tools for CME delivery to physicians, nurses, and other health care providers

The Prescription Opioid Abuse Epidemic

- In 2010, 1.2 million ER visits for prescription drug abuse (of 2.3 million total drug-related visits).
- Accidental deaths involving opioid pain relievers increased 4X from 1999 through 2008.
- Opioid overdose-related deaths now outnumber all other drug-relate deaths, across all age ranges.
- 18% of opioid abusers in the past year received them directly from 1 doctor.
- Over the past 20 years, opioid Rx's have increased 4X.
- > 100 million chronic pain patients in US, with estimates of abuse ranging from 3%–26%.



Project Overview

- In 2009, NIDA unveiled its outreach initiative, NIDAMED, specifically to help physicians, medical interns and residents, and other clinicians understand and address the complex and growing problem of prescription drug abuse.
- NIDAMED makes materials from NIDA Centers of Excellence (CoE) for Physician Information available online.
- The overarching goal of this project is to develop continuing medical education resources on the topic of prescription drug abuse that build on the current NIDA materials and familiarize clinicians with available resources.



Project Design

Task 1: CME Module Development

- Design, develop, and launch two 1.25-1.75 credit, CME/CE certified, self-paced learning modules, hosted on theMedscape Education Web site and accessible via the NIDAMED web site.
- Employ the Medscape "Test and Teach" approach to content and experience design, which combines case based learning, didactic instruction, and communication video modeling.



CME Module Development: Discovery Phase



Needs Assessment Process Overview

- Survey of prescription drug abuse screening and prescription patterns among physicians in multiple specialties
- Interviews with four academic medical center-based experts in pain and addiction treatment education
- Review of current education modules and resources available on the NIDA Web site for:
- Audience-appropriate content (practicing physicians)
- Current and referenced material



Audience Needs Survey

- Posted October 25-November 11, 2011
- Results: 740 participants, 98% physicians
 - ♦ 22% emergency medicine
 - ♦ 20% anesthesiology
 - ♦ 12% family/internal medicine
 - ♦ 9% OB/GYN
 - ♦ 8% general surgery
 - ♦ 6% neurology
 - ♦ 5% orthopedics



Audience Needs Survey

- General Characteristics
- 93% of participants prescribe opiates.
- 72% prescribe sedatives or tranquilizers.
- 20% prescribe stimulants.
- 67% report screening for prescription drug abuse (versus 92% for tobacco, 86% for alcohol, and 82% for illicit drugs).
- 47% screen "as necessary"; 33% use standardized screening tool at intake.



Needs Assessment: In-Depth Interviews (IDIs)

- Perceived effectiveness of NIDA materials
 - ♦ NMASSIST highly effective
- Gaps in materials
 - **♦** Communication
 - ♦ Drug diversion
 - ♦ Drug disposal
- Potential audiences to benefit from CME
 - Emergency medicine professionals, gynecologists, orthopedists, psychiatrists, surgeons, podiatrists, pain specialists, and primary care providers
 - ♦ Medical school faculty and medical students
 - **♦ Nurse practitioners and nurses**
 - ♦ Physician assistants, social workers, dentists



Content Analysis

- Conducted a thorough review of existing NIDAMED resources and curricula, in order to:
 - ♦ Check for relevance to CME module development
 - **♦** Review accuracy and timeliness of content.
 - ♦ Identify gaps in the resources available



CME Module Objectives

Module #1: Safe Prescribing for Pain

- Communicate effectively and nonjudgmentally with patients regarding opioid use and abuse.
- Screen for drug abuse, including nonmedical use of Rx drugs.
- Evaluate patient risk for opioid pain medication abuse.

Module #2: Managing Pain Patients Who Abuse Prescription Drugs

- Assess and monitor patients taking opioids, for abuse.
- Propose nonjudgmental communication strategies to engage patients in dialog.
- Formulate treatment management and possible referral plans to prevent and address opioid addiction.



Project Design

Task 2: Recruitment and Distribution

Draft and implement a comprehensive marketing and dissemination plan to promote the e-learning modules, CME components, and mobile application. Specific objectives for this task are to:

- Create and implement a recruitment and distribution plan.
- Recruit at least 5,000 practicing physicians to complete the CME activities.
- Partner with at least two medical schools to include the e-learning module



Environmental Scan: Key Findings

- Physician-preferred sources of health, medical, or prescription drug information
 - ♦ Internet (86%)
 - ♦ Online CME courses (78%)*
- Physicians are active on social media sites.
- Physicians say they should or would like to receive information about substance abuse from professional associations.
- California, Connecticut, Massachusetts, Oklahoma, Oregon, Pennsylvania, Rhode Island, Texas, and West Virginia require physicians to complete CME courses in pain management or risk management for maintenance of licensure.



Partnerships for Distribution

- Existing NIDA and NIH partners
- Physician social networks
- Physician and Nursing specialty groups
- State Medical and Nursing associations
- State Prescription Monitoring Programs (PMPs)
- Medical and Nursing schools, and other health professions schools
- Health care bloggers
- Email list-serves campaign



Examples of Partner Dissemination Approaches







Home

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Events & CME ₹

Legislative 🕪 Students 🕪

Physicians III Job Center

 KAPA Annual CME Symposium

- Regional Dinner <u>Meetings</u>
- Online CME
- Board of Directors Meetings
- AAPA Learning <u>Central</u>

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Online CME

AAPA IMPACT on Demand 2013

AAPA IMPACT on Demand 2013 offers more than 180 hours of educational content. Earn AAPA Category 1 CME Credits. Watch conference sessions anytime, anywhere and on any device. Click here to learn more.

The National Institute on Drug Abuse - Opioid and Pain Management CMEs

The number of prescriptions filled for opioid pain relievers has increased dramatically, leading the CDC to identify prescription drug abuse a problem of "epidemic" proportions. To better equip physicians assistants and other health professionals against this crisis, the National Institute on Drug Abuse offers two free online CMEs/CEs:



- . Safe Prescribing for Pain (1.25 credits) teaches the prevalence of prescription opioid abuse and explores ways to effectively screen for and prevent abuse in patients with pain.
- . Managing Pain Patients Who Abuse Rx Drugs (1.75 credits) identifies the prevalence of opioid addiction and dependence in patients with chronic pain, and assists health care providers in identifying emerging abuse behaviors.

Prescribing for Pain and Preventing Opioid Abuse

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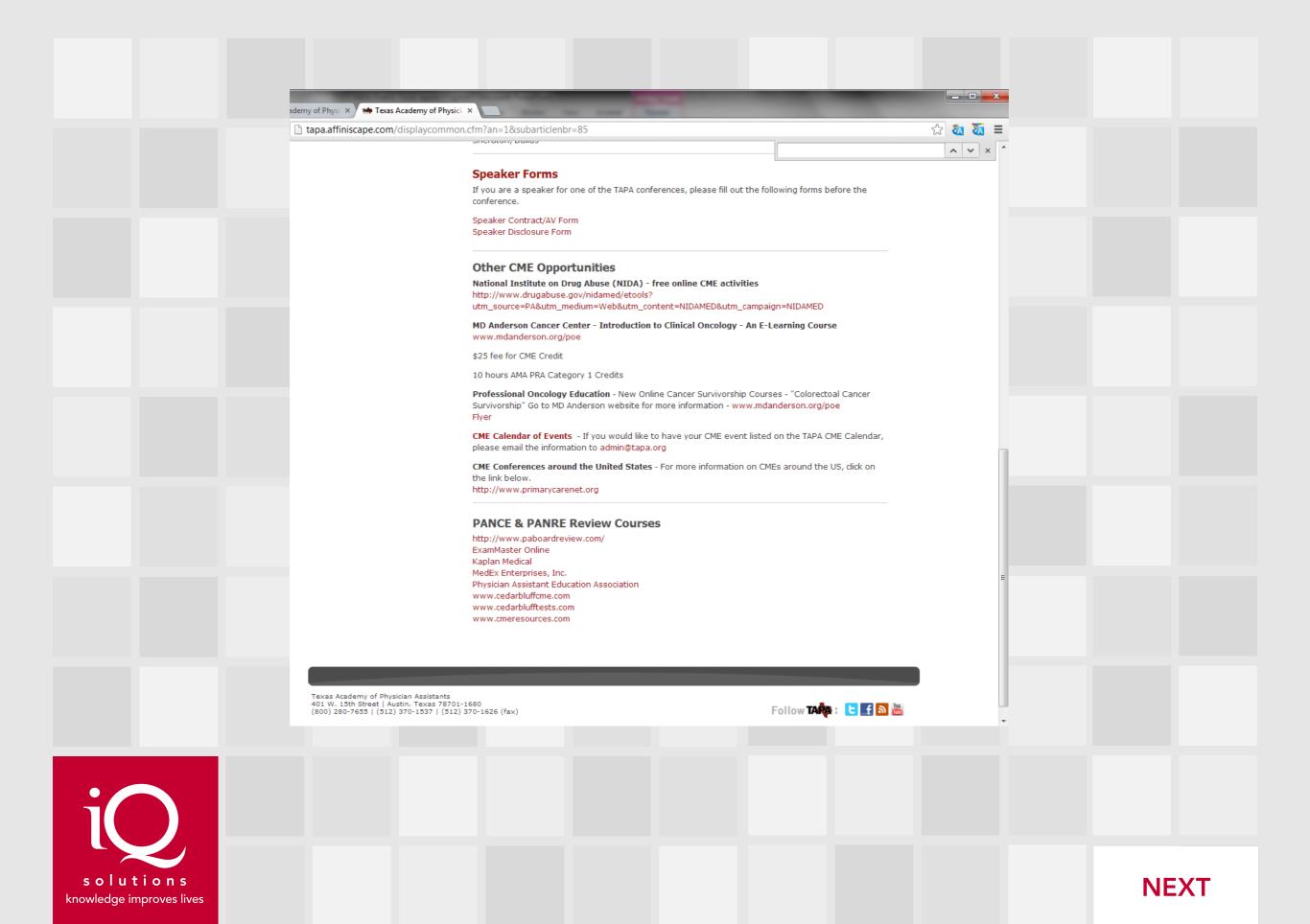
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Minnesota Academy of Physician Assistants

MEMBERSHIP ▼ CME ▼ PA PRACTICE ▼ **EMPLOYMENT** ▼ STUDENTS * LINKS T ABOUT US **V Chapter Updates** Home PA Night Out Online CME MAPA Calendar National Institute on Drug Abuse Lobbyist Update Photo Galleries The number of prescriptions filled for opioid pain relievers has increased dramatically, leading the CDC to Prez sez... identify prescription drug abuse a problem of "epidemic" proportions. To better equip physicians assistants and other health professionals against this crisis, the National Institute on Drug Abuse offers two free online Community Service Opportunities CMEs/CEs: **User login** Safe Prescribing for Pain (1.25 credits) teaches the prevalence of prescription opioid abuse and explores ways to effectively screen for and prevent abuse in patients with pain. Username: * Managing Pain Patients Who Abuse Rx Drugs (1.75 credits) identifies the prevalence of opioid addiction and dependence in patients with chronic pain, and assists health care providers in identifying emerging abuse behaviors. Password: * Log in Create new account Request new password





Integration into Medical School Curricula

- Three targeted academic medical schools
 - ♦ University of Flroida
 - **♦ University of Utah**
 - ♦ University of Washington
- Utilize subject matter expert faculty as liaisons to integration at universities
- Integration as complementary learning resource, with faculty facilitated follow-up discussion, into clinical clerkship rotations for 3rd and 4th year students.
 - **♦ Family practice**
 - **♦ Psychiatry/addictions**
 - **♦** Communications

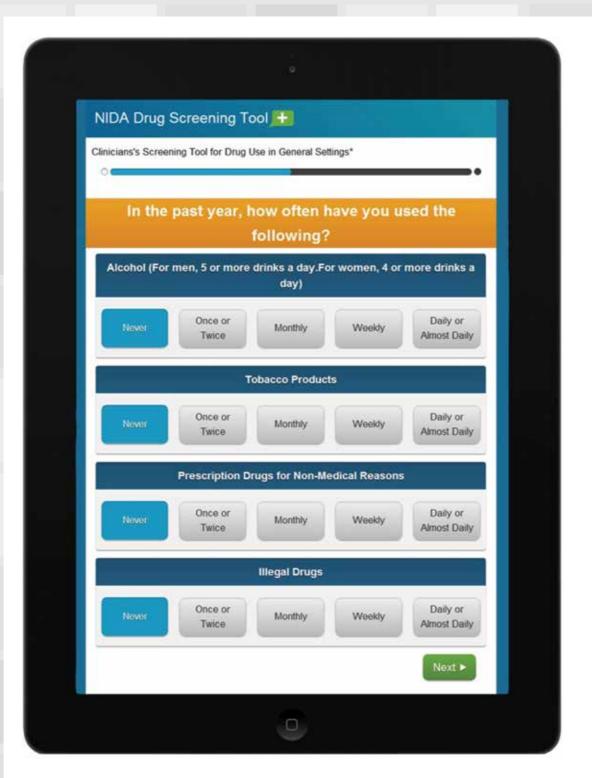


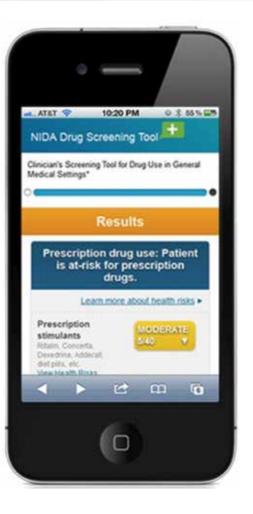
NIDA Resource Guide:





NMASSIST:







Earn CME credits on Medscape or Strong or Stro

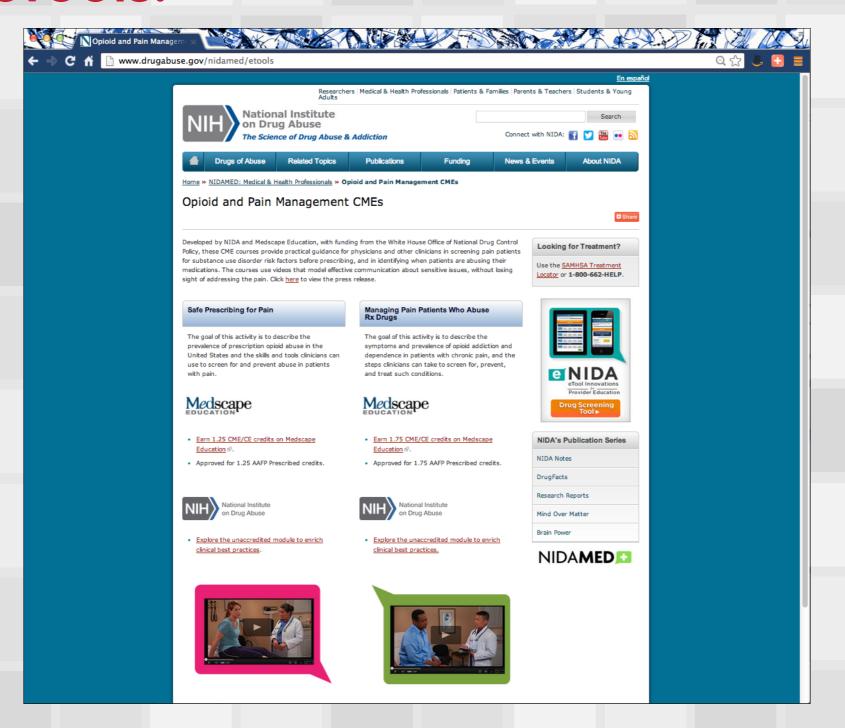
Explore the modules first on NIDA's website:

www.drugabuse.gov/nidamed/etools





NIDA eTools:





Test & Teach videos

Α



Assessing for adequate pain control and screening for potential abuse risk.

В



Assessing opioid effectiveness and implementing a pain control treatment agreement.

C



Assessing the chronic pain patient for opioid abuse potential.

D



Information-seeking with the patient at risk for abuse.



Support

This project is part of the NIDAMED portfolio of medical education resources for substance use disorders, and is supported by the White House Office of National Drug Control Policy

