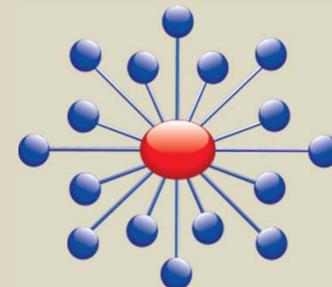


National Drug Abuse Treatment
Clinical Trials Network

*Forging partnerships to improve the
quality of drug abuse treatment
throughout the nation.*



Opportunities to Test Effective Opiate Treatments

Walter Ling, M.D.



January 8, 2015
Rockville, MD



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Integrated Substance Abuse Programs (ISAP)

UCLA Dept. of Psychiatry

PCORI Workshop, NIDA



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Disclosure Information

Walter Ling, MD

Walter Ling, M.D. Discloses the following financial relationships:

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Employment, stocks, options: None

I will not discuss off label use and/or investigational use in my presentation

Heroin and Prescription

Opioid Overdose in the US

- The CDC estimates about 6000 heroin, and 16,000 prescription overdose death in the US each year.
- The comes to 1 heroin OD every 90 minutes and 2 prescription OD every hour.
- Before this meeting is over 4 parents will have lost a child to heroin overdose and 12 to prescription opiate overdose.
- Call it tragedy or opportunity—your call.

Opiate Treatment:

Some Facts to Chew On

- The world produces about 10,000 tons of opiate a year, that comes to about 22,000,000 pounds.
- It takes about 25 pounds of heroin to OD every person in the city of San Francisco. So each year there is enough opiate to OD every person in about 880,000 cities the size of SF.
- The US, which has 5% of the world's population, consumes 80% of all the opiate pharmaceuticals produced.

Opioids in Chronic Pain: The Two Faces of Janus

ADDICTION RARE IN PATIENTS TREATED WITH NARCOTICS

To the Editor: Recently, we examined our current files to determine the incidence of narcotic addiction in 39,946 hospitalized medical patients¹ who were monitored consecutively. Although there were 11,882 patients who received at least one narcotic preparation, there were only four cases of reasonably well documented addiction in patients who had no history of addiction. The addiction was considered major in only one instance. The drugs implicated were meperidine in two patients,² Percodan in one, and hydromorphone in one. We conclude that despite widespread use of narcotic drugs in hospitals, the development of addiction is rare in medical patients with no history of addiction.

NEJM Jan. 3, 1980

JANE PORTER
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1. Jick H, Mietinen OS, Shapiro S, Lewis GP, Siskind Y, Slone D. Comprehensive drug surveillance. JAMA. 1970; 213:1455-60.
2. Miller RR, Jick H. Clinical effects of meperidine in hospitalized medical patients. J Clin Pharmacol. 1978; 18:180-8.

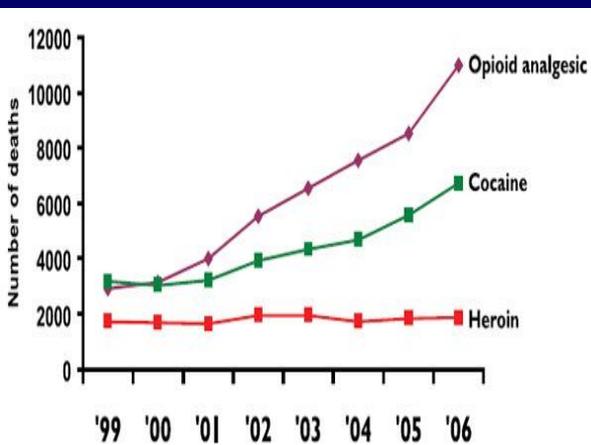


Pain Treatment: forty Years in the Wilderness?

- 1967 Cicely Saunders founded Hospice. 1974 Florence Wald
- 1986 WHO guideline for cancer pain relief.
- 2010 IASP Declaration of Montreal.
- 1986 (Portenoy & Foley) –2011 (Foley et al) Dosed to relief of pain); Pain the 5th vital sign and right to pain relief
- 1998 CA court awarded family of pain pt. \$1.5 million for failure to treat pain as form of patient abuse.
- 2007 Purdue Pharma fined \$634.5 million for claiming Oxycontin less addictive than other opioid analgesics.
- Multiple physicians prosecuted for over prescribing opioids.

Opioid: The US Experiment

- Promise of safety and effectiveness of long term opioid use largely unfulfilled.
- Adverse selection common.
- Physicians: In adequate training; lack adherence to guidelines.
- Patients: Immediate relief; focus on pain over suffering and function.
- Society: Right to pain relief; aggressive marketing of drugs.



Medscape

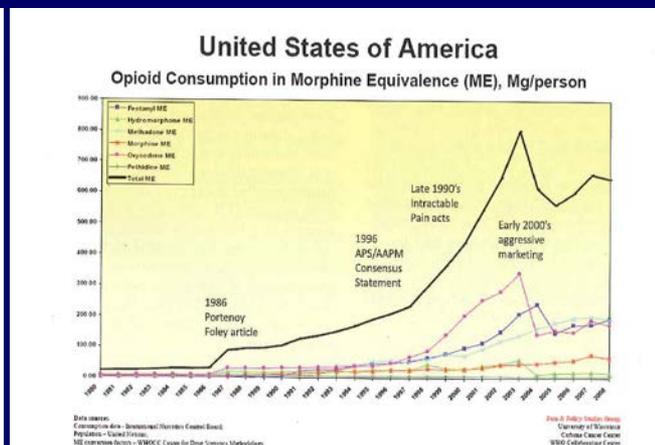
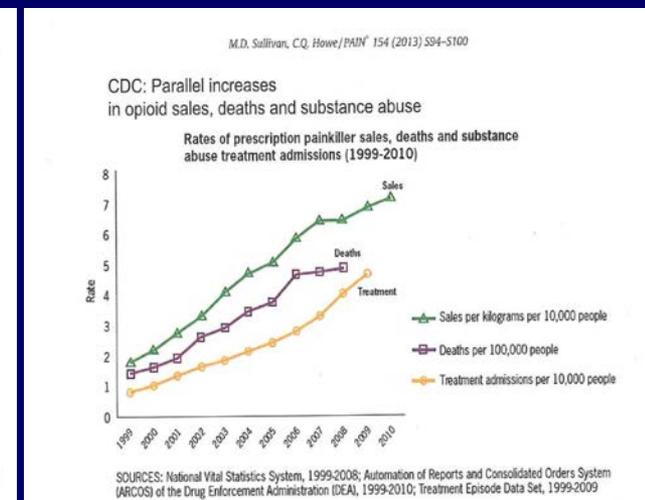


Fig. 1. Opioid consumption in the United States. APS, American Pain Society; AAPM, American Academy of Pain Medicine.



SOURCES: National Vital Statistics System, 1999-2006; Automation of Reports and Consolidated Orders System (ARCOS) of the Drug Enforcement Administration (DEA), 1999-2010; Treatment Episode Data Set, 1999-2009

Opioid for Chronic Pain: Facts from Prescribing

- Misuse and abuse: 20-24%; young, back pain, multiple pain, SA. >120 mg ms; > 90 days
- “Adverse selection”—pts with SA and psych dx more likely on chronic opioid > 90 days. Majority of other pts are off <90 days
- 5% pts. Account for 70% drugs. Rate of non-ca pain increased with increase opioid use-- days use > daily dose
- From prescription to street opioid.
- Accidental OD deaths; increase ER visits

Effective Opiate Treatment

- Three approved medication and three delivery systems.
- Methadone plus a set of stringent regulations
- Buprenorphine plus a knowledgeable and sensible committed physician
- Naltrexone plus a coercive environment

Studies That Compare

Effective Opiate Treatments

- Detoxification: good for lots of things; staying off drugs not one of them.
- A journey of a thousand miles to nowhere.
- Memory matters.
- Old memory, new memory; old habit, new habit.
- Get a life, then get off drugs.

Studies That Compare

Effective Opiate Treatments

- There have been studies but no PC studies.
- Studies have compared the 3 drugs in different combinations in a certain treatment system
- Studies all designed from the perspective of the investigators
- Retrospective examination of outcome from large data sets.
- Need studies from patient's perspective.
- Need studies to compare the three drugs each used in its own treatment system.

Overcoming Chronic Pain and

Opiate Addiction: Getting a New Life Story



- Everybody has a story but not everyone can tell it.
- Every sufferer has a broken story waiting to be made whole; it's our job to do it.
- The story teller enters the story and becomes part of it and the story is changed, giving hope to a new ending.



Thank you
Thank you
Thank you

