

PRESCRIPTION
for **MADNESS**
TAKE ONE (1) CAPSULE DAILY

frequently abused pain pills

COCAINE

PERCOCET





You are here



Experience



Some review





Actually - Few Chemicals are Addictive

~ 30,000,000 chemical compounds are known
(Chemical Abstracts substance count)

~ 100 are addictive

Nicotine

Alcohol

Psychostimulants (cocaine, amphetamines)

Opiates

Cannabinoids

Barbiturates

Benzodiazepines



NON-NARCOTIC ANALGESICS:

- Relieve pain without producing *narcosis
 - **Numbness or sedation*
- Non-Mood Altering
 - *Not psychoactive*
- Rarely Abused



<u>Product</u>	<u>Active Ingredient</u>
Aspirin	Acetylsalicylic Acid
Tylenol	Acetaminophen
Motrin	Ibuprofen
Aleve	Naproxen Sodium
Others	

NSAIDs (nonsteroidal anti-inflammatory drugs).

#1 Abused Prescription Pain Med



Derivative of codeine



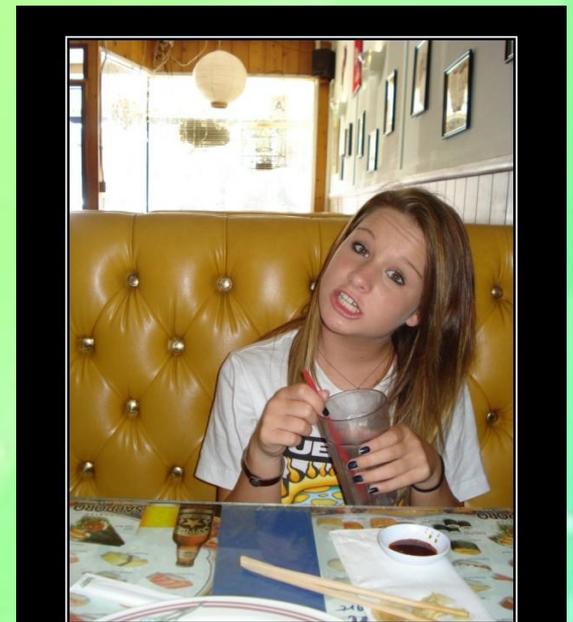
Used for pain & coughs



***U.S. uses 99% of global supply**



** 2005 INCB report*



HELPFUL HINT

#1 Abused Prescription Pain Med

Hydrocodone

Trade Names:

Vicodin®

Lortab®

Lorcet®

Hycodan®

Anexsia®

***Tramadol®**

Tylox®

Zydone®

Hycomine®

Vicoprofen®

Tussionex®

Street Names:

Vikes

Viko

Hydro

Norco



May 25, 2010 – FDA changes Warning (Ultram/Tramadol) section emphasizing the risk of suicide for patients who are addiction-prone.

Hydrocodone/
Acetaminophen

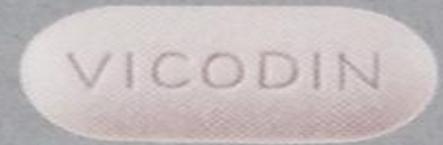


Avoiding Acetaminophen Liver Damage

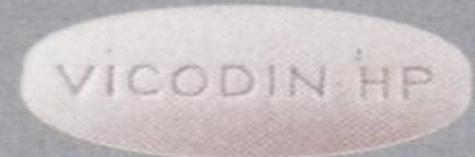
- No more than 1 gram (1,000mg) at once
- No more than 4 grams (4,000mg) in 24 hours
- Avoid multiple meds containing acetaminophen
 - *Some experts believe that taking it for several days in a row may cause a dangerous build-up*

Vicodin[®]

5 mg/
500 mg



10 mg/
660 mg



7.5 mg/
750 mg



Dose limits for Acetaminophen Products

- Over next three years, FDA mandates that the acetaminophen component of combination products be limited to no more than 325 mg
- Goal is to reduce potential toxicity of cumulative dose of acetaminophen exceeding 4 grams per day

Product	Acetaminophen dose	Max doses per day before exceeding 4 grams acetaminophen
Vicodin ES	750 mg	5 tablets
Vicodin HP	660 mg	6 tablets
Vicodin, Tylox	500 mg	8 tablets
Percocet	650 mg	6 tablets

OXYCODONE **C**_{II}

Oxycontin[®] Roxicodone[®] Oxyfast[®] Endocodone[®]
Percolone[®] ETH-Oxydose[®] Dazidox[®] OxyIR[®]

in Combo with Acetaminophen

Percocet[®] Roxicet[®] Tylox[®]
Endocet[®] Lynox[®] Taxadone[®]
Magnacet[®] Perloxx[®] Narvox[®]
Primlev[®] Xolox[®]

in Combo with Aspirin

Percodan[®] Endodan[®]
Roxiprin[®]

in Combo with Ibuprofen

Combunox[®]

Hillbilly heroin

'OCs, Cotton, Killer'

Approximately 50% of the tablet consists of sugars and time-release ingredients.

Ox, Oxy, Oxycotton, Kicker, Oxy 80s, Blue, Jammed –
under the influence of OxyContin

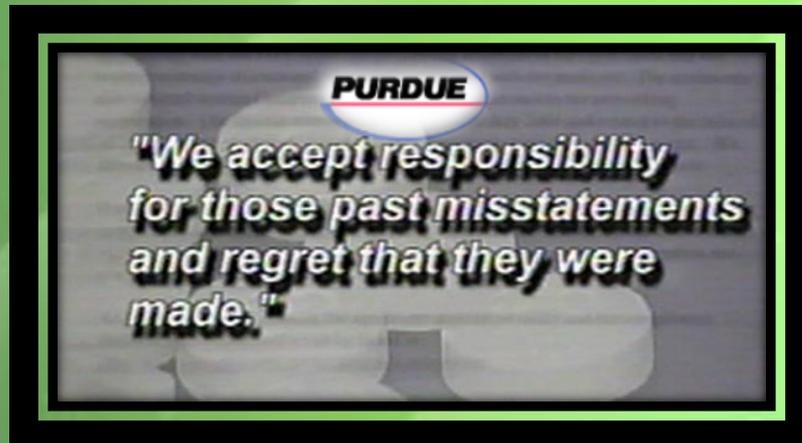


Purdue Pharma, Executives Plead Guilty To Misbranding OxyContin, Fined \$634.5Million

15 May 2007

Marketing Techniques

- Direct to consumer advertising
- Paid medical courses for doctors
- Glamorizing as Quick fix
- Funding “scientific” studies
- All expense paid conferences
 - Focused on aggressively prescribing





EL PASO INTELLIGENCE CENTER

Coating rinsed/rubbed off and tablet smoked



Foil Backside Heated

Oxycontin Reformulation

PHARMACY

**NO OXYCONTIN
HERE ANYMORE
SORRY**

Oxycontin Reformulation

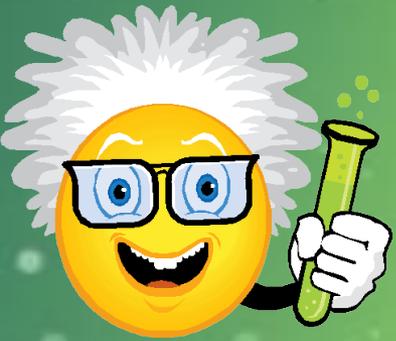
- Harder shell
- Chunkier when crushed
- Submitted to FDA
 - as reformulation
 - not as “abuse resistant”
 - helps extend patient
- *Purdue Pharma required to conduct post-marketing analysis on how - or if - the new formula reduces abuse of the drug.*

August 16,
2010

Original Formulation

New Formulation

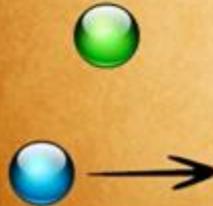




Newton's Laws

(choose a law to begin)

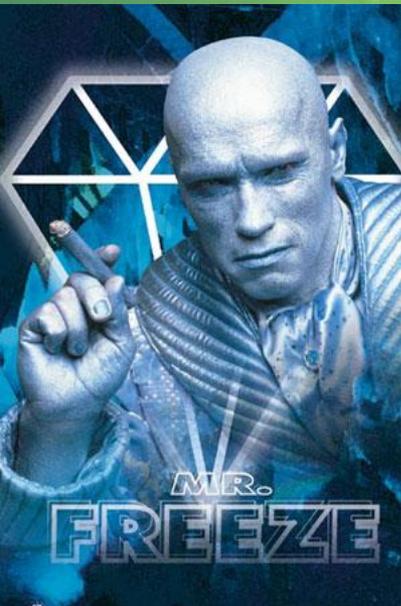
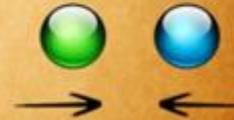
First Law



Second Law



Third Law



Officials Say Reformulation of OxyContin Has Increased Interest in Abuse of Other Narcotics

June 16, 2011



June 21, 2011

FDA approves painkiller Acurox/Oxecta

- Pfizer and Acura Pharmaceuticals Inc.**
- “OxyContin + Niacin**
- When crushed, releases niacin**
 - irritates nose**
 - uncomfortable flushing reaction**

Abuse Resistant Formulations

● Embeda

- Sustained release morphine beads
- Beads also contain naloxone pellets
- When Embeda is crushed or chewed, pellets are opened releasing naloxone
 - which counteracts effects of morphine and other narcotics



UNINTENDED CONSEQUENCES



pure oxycodone pills



30-milligram dose



“Perc 30s” or “Roxies”

Three Characteristics Common to All Narcotic Analgesics

1. Relieve pain
2. Produce withdrawal signs and symptoms
3. Suppress the withdrawal signs and symptoms of chronic narcotic analgesic administration

Additional

UNINTENDED CONSEQUENCES

 **Opana**

 **Oxymorphone**

 *Stronger than Oxycontin*

 *can be crushed*



Oxymorphone is also a metabolite of oxycodone

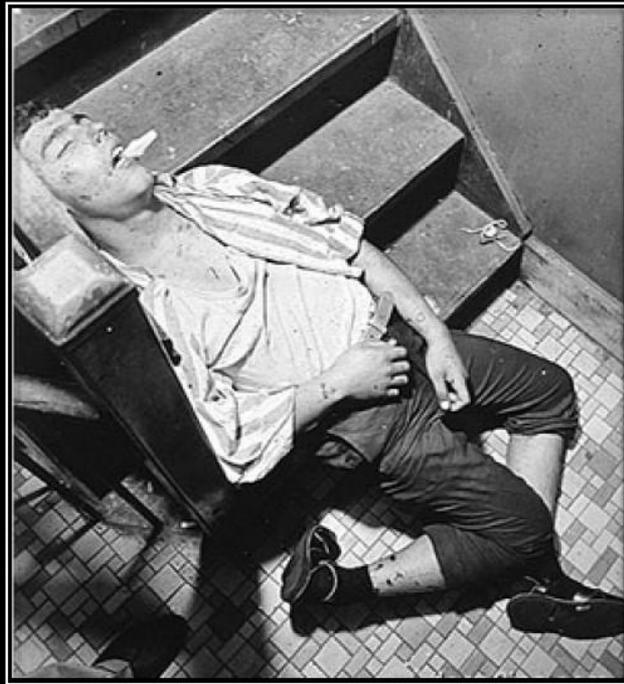
High concentration of oxycodone = lower amount of oxymorphone in tox

Remember- It's the impairment that counts

One More BIG One

UNINTENDED CONSEQUENCES

G



SS

HEROIN

I'm sure you'll be able to handle it.

