

The Burden of Fatal Opiate Overdose In Los Angeles

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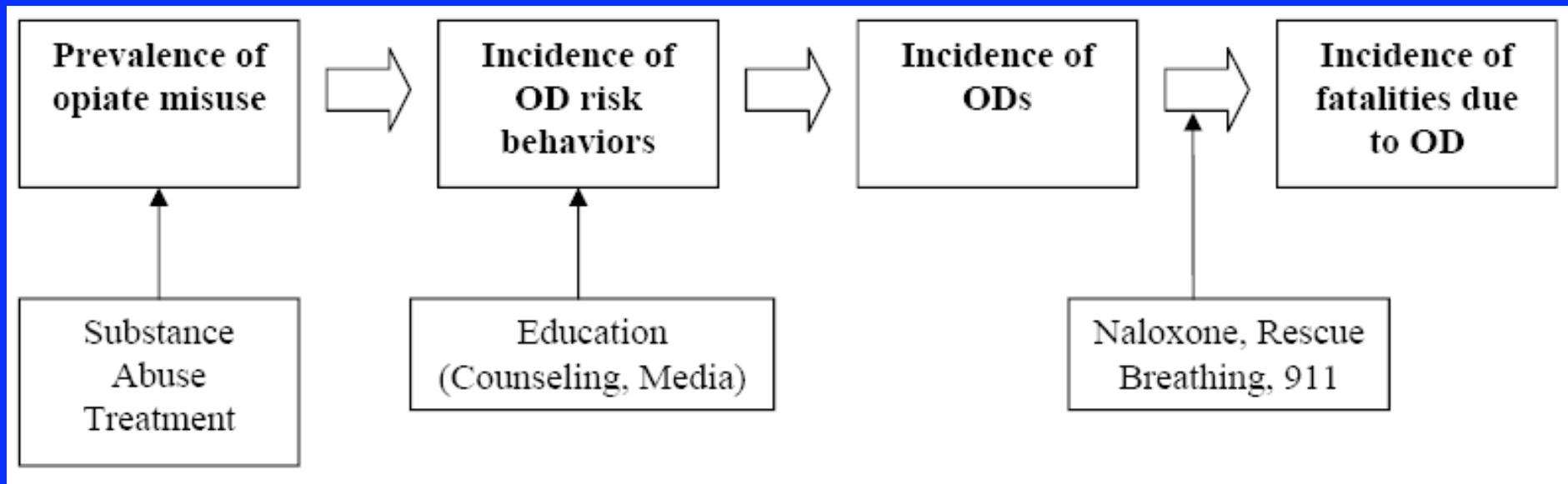
Integrated Substance Abuse Programs

And

Kristen Ochoa, MD

Los Angeles Overdose Prevention Task Force

Conceptual Model for Fatal Opiate Overdose (OD)

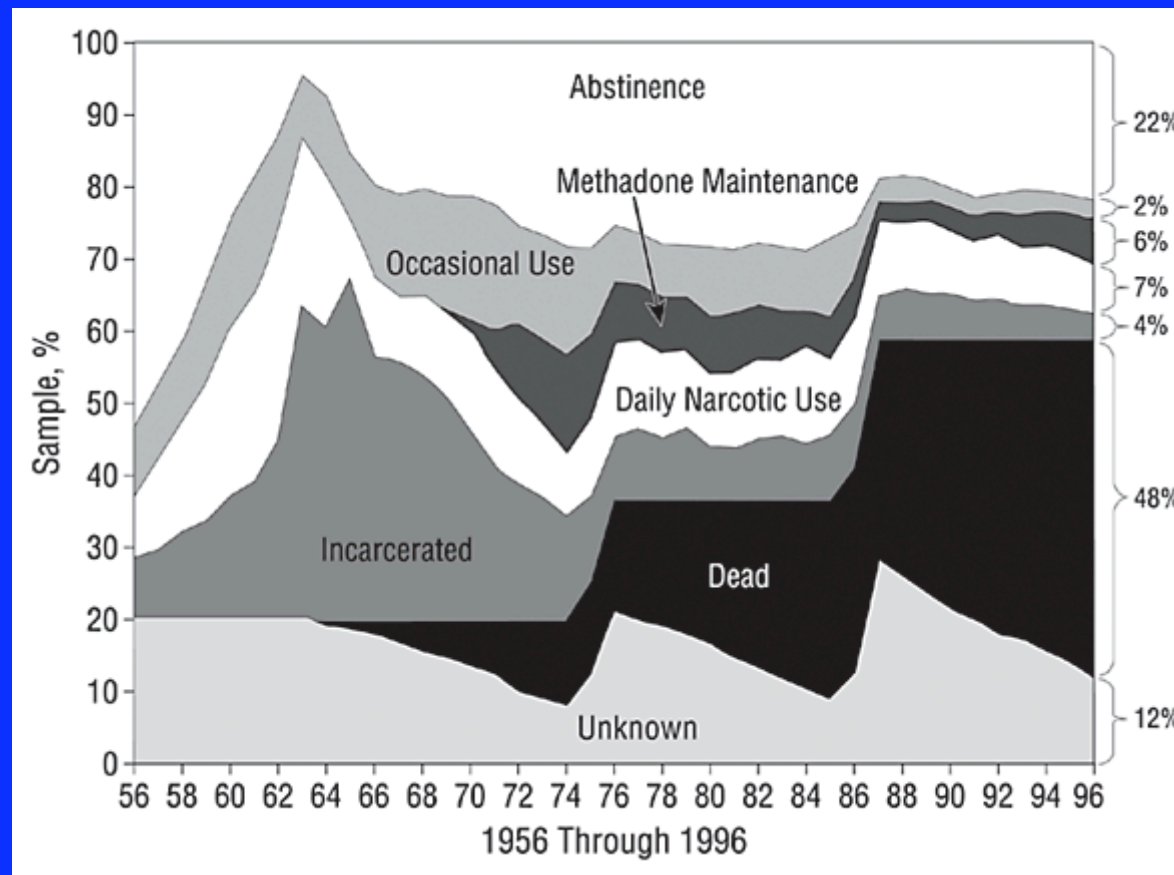


Deaths in California

Cause	1990	2000	2003
Motor Vehicle Crashes	5,416	3,368	4,437
Drug-Induced	1,984	2,931	3,736
Homicide	3,735	2,092	2,483
AIDS	5,057	1,470	1,368

Source: Center for Health Statistics, California Department of Health Services

Overdose: Leading Cause of Death In California Opiate Users (21.6%)



From: Hser YI, Hoffman V, Grella CE, Anglin MD. A 33-year follow-up of narcotics addicts. Arch Gen Psychiatry. 2001 May;58(5):503-8.

Los Angeles County (2002): Ten Leading Causes of Premature Death

Rank	Cause of death	Years of life lost**	Death rank
1.	Coronary heart disease	64,270	1.
2.	Homicide	51,929	8.
3.	Motor vehicle crash	30,410	12.
4.	Lung cancer	20,936	3.
5.	Suicide	20,589	15.
6.	Liver disease	20,059	9.
7.	Drug overdose	19,772	18.
8.	Stroke	16,669	2.
9.	HIV	15,408	23.
10.	Diabetes	15,278	6.

Source: Los Angeles Department of Health Services

Los Angeles County (2002): Leading Causes of Death, Age 15-24 and 25-44

	#1	#2	#3	#4	#5
15-24 years 1,119 78 per 100,000	Homicide 465 32 per 100,000	Motor vehicle crash 214 15 per 100,000	Suicide 81 6 per 100,000	Drug overdose 36 2 per 100,000	Leukemia 28 2 per 100,000
25-44 years 3,901 127 per 100,000	Homicide 499 16 per 100,000	Drug overdose 299 10 per 100,000	Suicide 268 9 per 100,000	Motor vehicle crash 267 9 per 100,000	HIV 266 9 per 100,000

Source: Los Angeles Department of Health Services

Los Angeles County (2001): Leading Causes of Accidental Deaths

Causes of Accidental Deaths, 2001-02

<i>CAUSE OF DEATH</i>	<i>NUMBER OF CASES</i>
Drugs and Alcohol	1,023
Motor Vehicle	836
Therapeutic Misadventure	33
Fall	464
Burn	38
Natural and Environmental	123
Drowning	65
Choking and Suffocation	58
Firearms	6
Electrocution	12
Other*	122
Total	2,780

*Allergy-anaphylaxis (3 cases), animal attack (2 cases), blunt trauma (62 cases), botulism (1 case), explosion (3 cases), sharp force trauma (3 cases), unknown (48 cases)

Source: Los Angeles County Coroner's Report

Los Angeles County (2001): Primary Drug in Accidental Deaths

Primary Drug in Accidental Deaths

<i>DRUG</i>	<i>NUMBER OF CASES</i>
Alcohol	57
Amphetamine/Methamphetamine	54
Cocaine	165
Methadone	6
Codeine	37
Heroin-morphine	167
Propoxyphene	1
Unspecified narcotic	102
Multiple Drugs	357
Other*	35
Total	1,023

*Acetaminophen (6 cases), antibiotics (1 case), antidepressants (8 cases), barbiturates (1 case), carbon monoxide (2 cases), coumadin (2 cases), diphenhydramine (2 cases), ephedrine (1 case), fungicide (1 case), insulin (2 cases), natural gas (1 case), parasympatholytic agents (1 case), phencyclidine (3 cases), phenytoin (1 case), propranolol (1 case), tranquilizers (2 cases)

Source: Los Angeles County Coroner's Report

Drug Overdose Deaths (2002)

	Rate per 100K	Number
Los Angeles County	9.3	901
South (SPA 6)	16.2	124
Antelope Valley (SPA 1)	10.6	34
South Bay (SPA 8)	10.5	159
San Fernando (SPA 2)	7.6	160

Source: County of Los Angeles Narcotics and
Dangerous Drugs Commission

Summary

- Drug overdose is a leading cause of **premature** death in Los Angeles
- Drug overdose is a leading cause of death overall among persons aged 15-24 and 25-44
- More detailed statistics are available at **www.lapublichealth.org**