

The Role of Dentists in Preventing Prescription Opioid Abuse

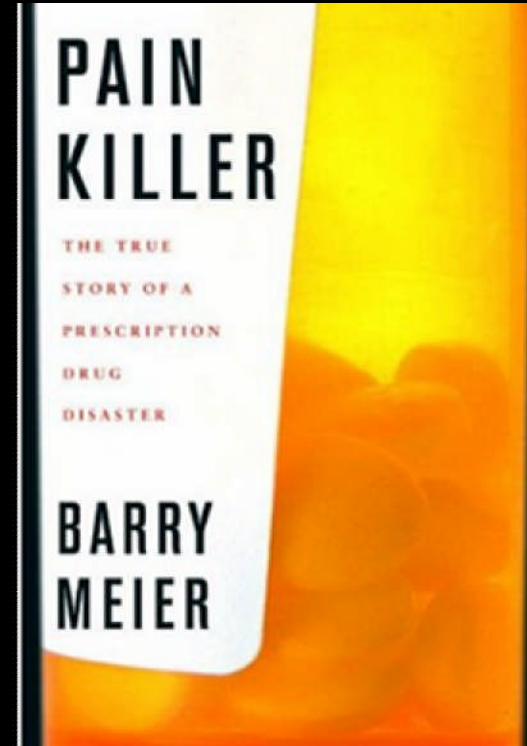
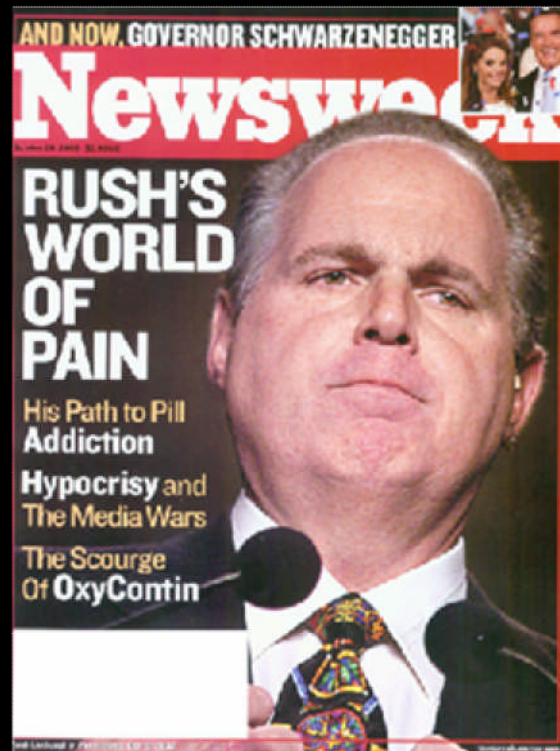
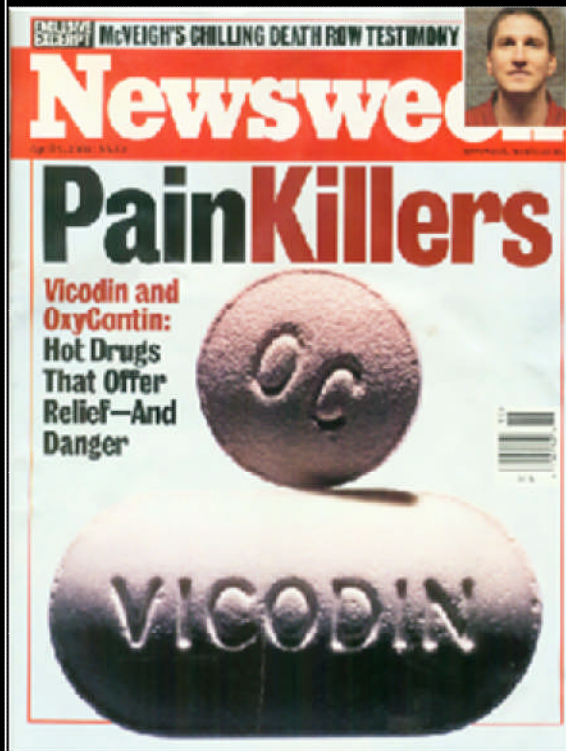
12th Summit Meeting
Tufts Health Care Institute
Program on Opioid Risk Management

Nathaniel Katz, MD, MS - Hilton Boston Back Bay - March 11-12, 2010

THCI Program on Opioid Risk Management

- **March 2005-Foundations of Opioid Risk Management**
- **October 2005-Opioid Abuse Resistance**
- **September 2006-Best Practices in Opioid Risk Management**
- **November 2006-Development of Abuse Deterrent Formulations**
- **March 2007-Responding to Signals of Opioid Abuse**
- **September 2007-Understanding Types of Rx Opioid Abusers**
- **March 2008-Sources of Diverted Prescription Opioids**
- **June 2008-The Role of Urine Drug Monitoring in Pain Management**
- **November 2008-Co-ingestion of Alcohol with Prescription Opioids**
- **April 2009-Prescription Monitoring Research Update**
- **July 2009-REMS for Prescription Opioids**

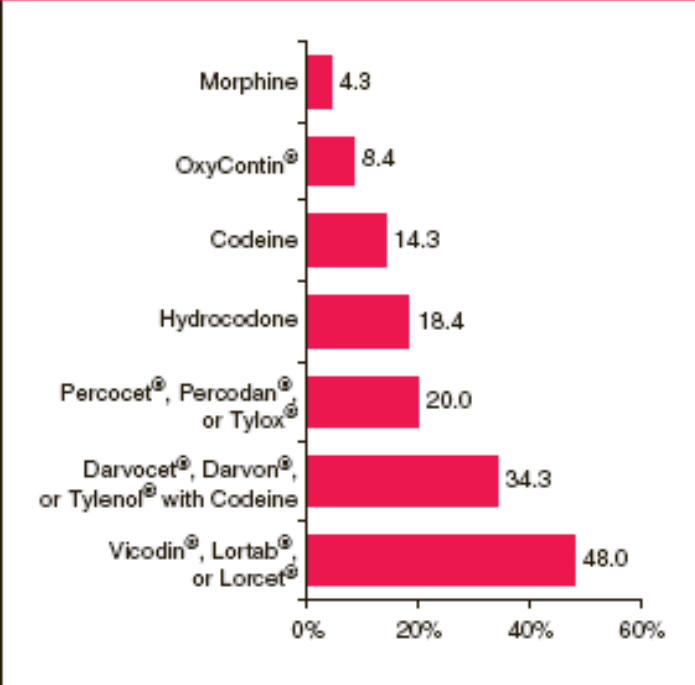
Prescription Opioid Abuse: A Societal Problem



Opioid Products Frequently Abused

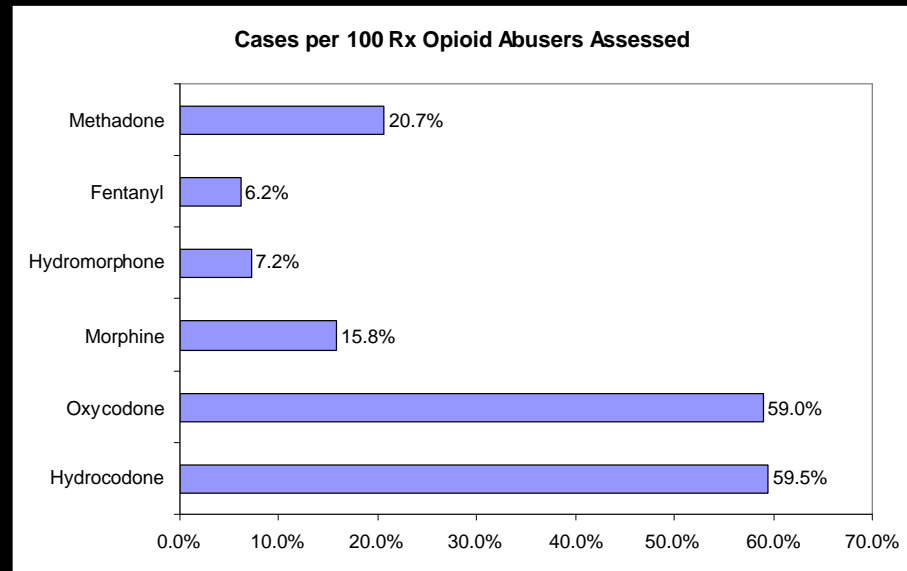
Most frequently abused opioids are hydrocodone and oxycodone

Figure 1. Specific Types of Pain Relievers Used during the Past Year among Initiates of Nonmedical Use of Pain Relievers*: 2004



NSDUH Report. Nonmedical users of pain relievers: characteristics of recent initiates. Issue 22, 2006. Available at: <http://www.oas.samhsa.gov/2k6/pain/pain.pdf>

Abuse Rates for Selected Classes of Opioids (Jan 2007 – Jun 2008)



ASI-MV Connect database (Sept 2008)

Top Specialties Prescribing Immediate - Release Opioids, 1998 vs 2002

(With Hydrocodone & Oxycodone Combination Products)

1998

MD Specialty	% Rx
DENTISTRY	15.5%
FAMILY PRACTICE	13.0%
ORTHOPEDIC SURGERY	11.5%
INTERNAL MEDICINE	11.1%
OSTEOPATHIC MEDICINE	6.7%
EMERGENCY MEDICINE	5.5%
GENERAL SURGERY	4.2%
OBSTETRICS/GYNECOLOGY	3.5%
ALL OTHERS	28.9%

2002

MD Specialty	% Rx
FAMILY PRACTICE	14.6%
DENTISTRY	12.2%
INTERNAL MEDICINE	12.2%
ORTHOPEDIC SURGERY	10.2%
OSTEOPATHIC MEDICINE	7.8%
EMERGENCY MEDICINE	6.1%
GENERAL SURGERY	3.6%
OBSTETRICS/GYNECOLOGY	3.2%
ALL OTHERS	30.2%

Top Specialties Prescribing Selected Immediate-Release Opioids, 1998 vs 2002

(Without Hydrocodone & Oxycodone Combination Products)

1998

MD Specialty	% Rx
HEM/ONC/NEOPLASTIC	23.4%
INTERNAL MEDICINE	17.9%
FAMILY PRACTICE	12.6%
ANESTHESIOLOGY	7.9%
OSTEOPATHIC MEDICINE	6.5%
ORTHOPEDIC SURGERY	2.6%
NEUROLOGY	2.1%
PHYSICAL MED & REHAB	2.0%
ALL OTHERS	24.8%

2002

MD Specialty	% Rx
INTERNAL MEDICINE	15.2%
ANESTHESIOLOGY	14.6%
FAMILY PRACTICE	13.1%
HEM/ONC/NEOPLASTIC	10.8%
OSTEOPATHIC MEDICINE	8.9%
PHYSICAL MED & REHAB	5.4%
ORTHOPEDIC SURGERY	3.5%
NEUROLOGY	2.6%
ALL OTHERS	25.9%

Volume of Diverted Opioids Study

- Opioids dispensed per yr in US (IMS, 2002- 03)
 - 190 million prescriptions
 - 9.4 billion doses (>12 BN in 2007)
- Non-medical users in last year (NSDUH 2002-03)
 - 11 million people
 - 430 million non-medical use days per year
- Number of doses ingested non-medically per yr
 - Floor estimate: 430 million (1 dose/day)

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Opioid Prescribing to Adolescents in Dental Settings

Neuroscience Center

Rockville, Maryland

February 23, 2009

NIDA Organizer(s):

Aria Crump, Sc.D., Jeff Schulden, M.D.

Discussions highlighted several areas in which future research efforts could focus, including:

- The need for improved understanding of opioid prescribing practices in dental settings;
- Data on the amount of opioid analgesia that dentists typically prescribe, the amount that patients actually need/use for adequate pain relief, and what patients do with unused medication;
- More detailed understanding of medication diversion practices among adolescents; and
- Research on possible educational or training approaches to integrate drug abuse prevention efforts into dental settings.

Participants agreed that there are a number of opportunities for collaboration between the fields of dental and drug abuse research which would advance this research agenda.

Using dentists as dope dealers

STORY HIGHLIGHTS

- Kenny Morrison learned t
- He was taking as many a
- DEA says 7 million Ameri
- Dentist says, "Just writing

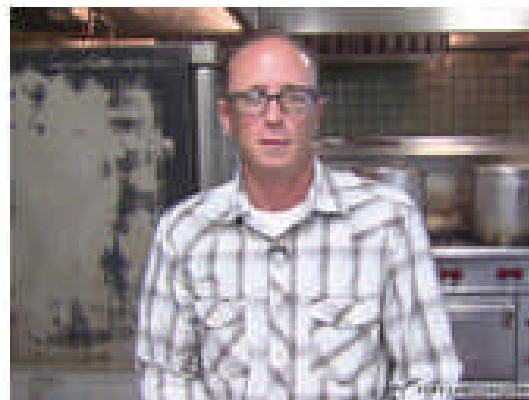
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READ

Full VIDEO

By Theresa Golstetter and Wayne Dashi
CNN

LOS ANGELES, California (CNN) -- Kenny Morrison soaked in life from his beachfront home. A top chef at a trendy L.A. restaurant, he served dinner to the Hollywood stars, including A-listers.



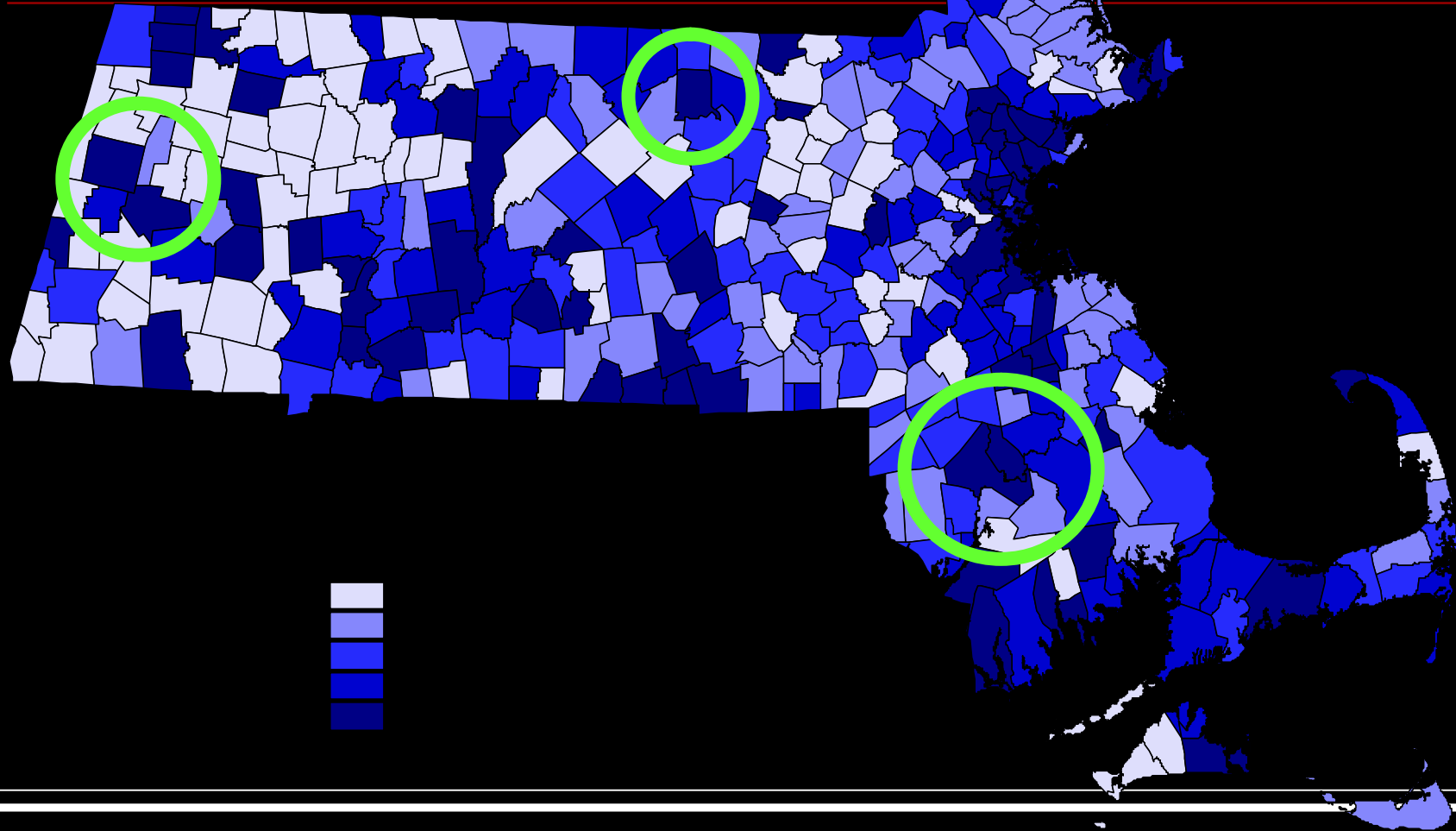
Kenny Morrison got hooked on painkillers after getting dental work in 2009. "I lost everything," he says.

But within a couple years, he lost it all. He got hooked on pain medication after some dental work. His fix was codeine, Vicodin and OxyContin -- all prescription medications -- to help him get through the day. At one point, he even had a tooth removed unnecessarily so he could get a prescription for pain medicines.

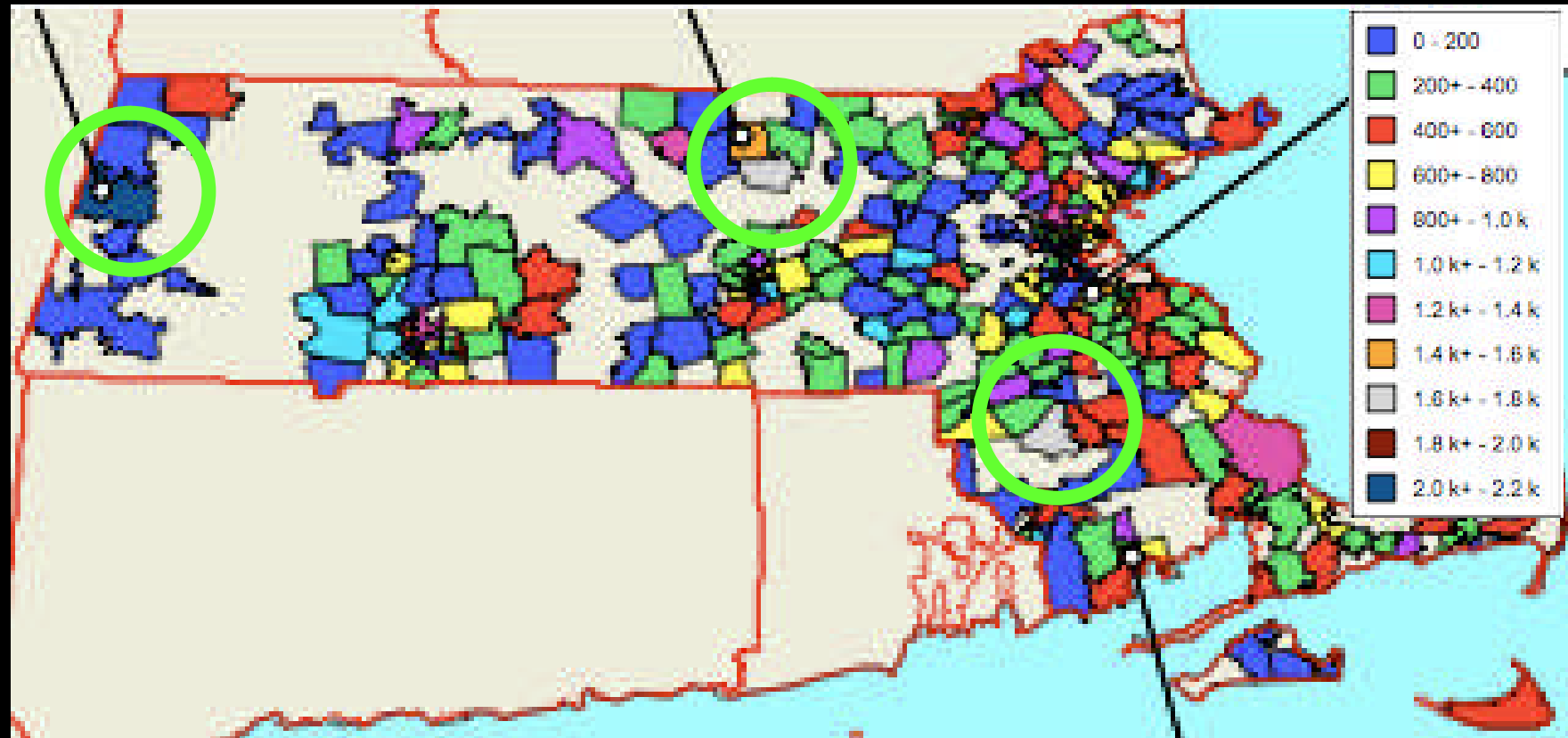
"At the height, I was taking probably 20, 25 a day," he says. "It got to the point where I lost the wife, the house, and I was living in a bad part of L.A. in my truck. And I went from taking a couple of codeine all the way to taking OxyContin."

Morrison didn't buy his drugs on a street corner or get them from a dope dealer. He got them mostly from dentists he had never met. He says he'd scroll through the phone book calling dentist after

Opioid-Related Health Problems from MA PMP: Population Rates by Town



Dentists:oxycodone/APAP byzip



Meeting Objectives

- To produce materials and a dissemination plan to educate dentists about prescription opioid abuse in the US.
- To review available data on the role of dentists in opioid prescribing and the prevention and management of prescription opioid abuse and diversion.
- To define a research agenda on the role of dentists in opioid prescribing and the prevention and management of prescription opioid abuse and diversion.
- To develop recommendations for dentists on safe and effective use of opioids in dental practice.

Meeting Deliverables

Breakout Group	Deliverable	Where to publish	Timeframe
Group 1	A review of prescription opioid abuse for dentists		2 months
	1. Review article for JADA	JADA	
	2. ADA newsletter	ADA newsletter	
	3. Dissemination plan		
Groups 2 & 4	Review of available prescribing guidelines for use of prescription opioids for treatment of acute pain and for chronic pain in dentistry, including guidelines for chemically dependent patients, and prescribing recommendations	JADA	2 months
Group 3	Research agenda on the role of dentists in prescription opioid abuse	Website, funding agencies	3 weeks
	Dissemination plan for research agenda		
Overall	Executive summary	Website	4-6 weeks

Thanks!!!

- THCI: Rosemarie Curran, Amy Rosenstein, Sarah Haile, Rosalie Phillips,
- Co-Pilot: George Kenna
- Steering Committee
- Co-Chair: Noshir Mehta, DMD, MS
- Our financial supporters
- You, our participants