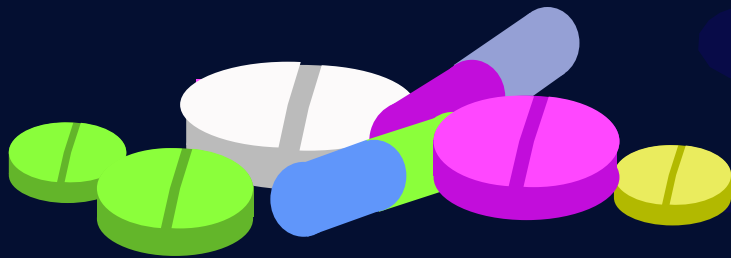


The National Academies of
SCIENCE– ENGINEERING - MEDICINE

February 4, 2019
11:00 – 11:30 am

**Clinical Guidelines for Prescribing
Opioids for Acute Pain in Dentistry**



Paul A. Moore DMD, PhD, MPH

Professor

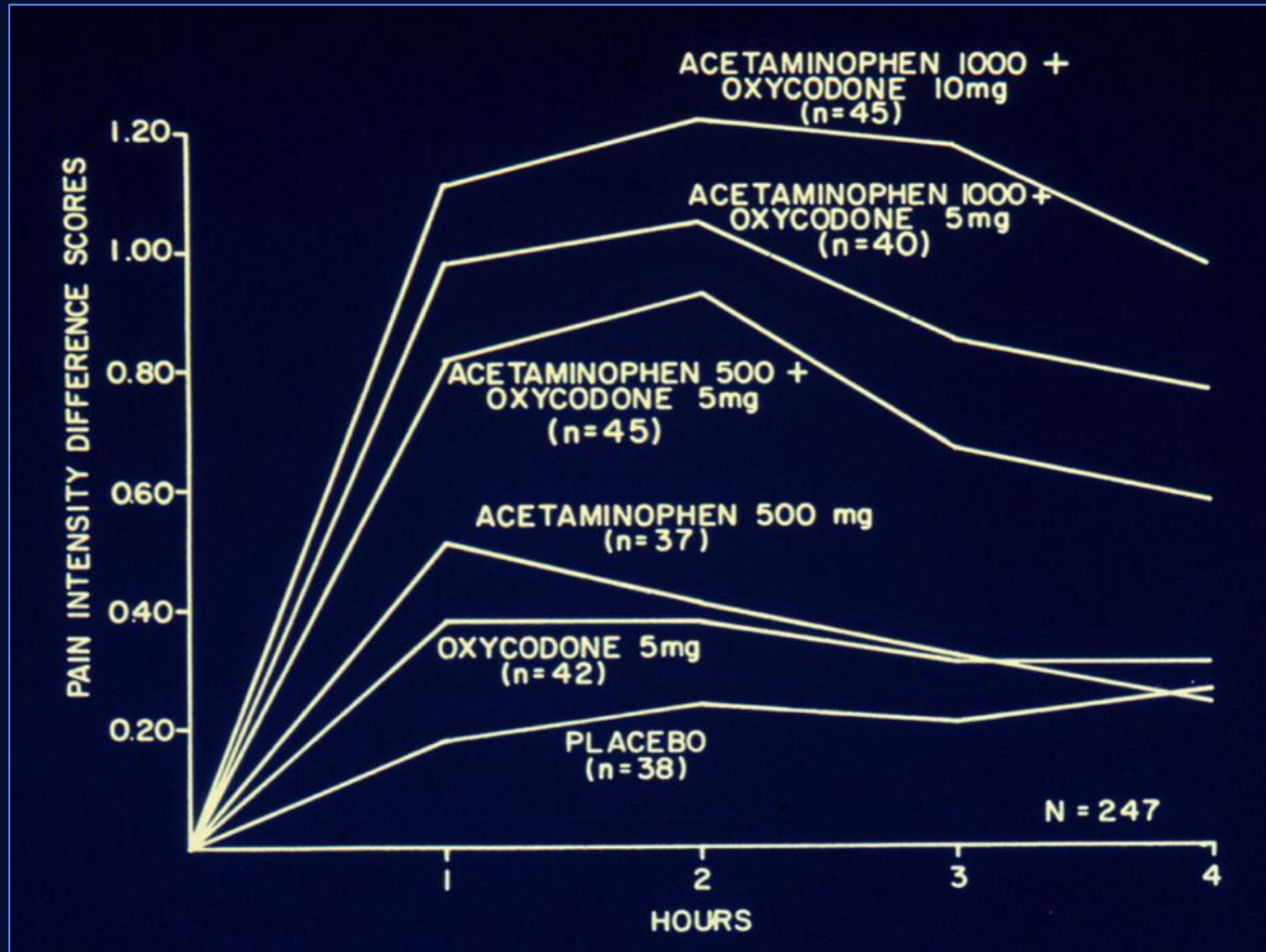
Pharmacology, Anesthesiology, Public Health

University of Pittsburgh

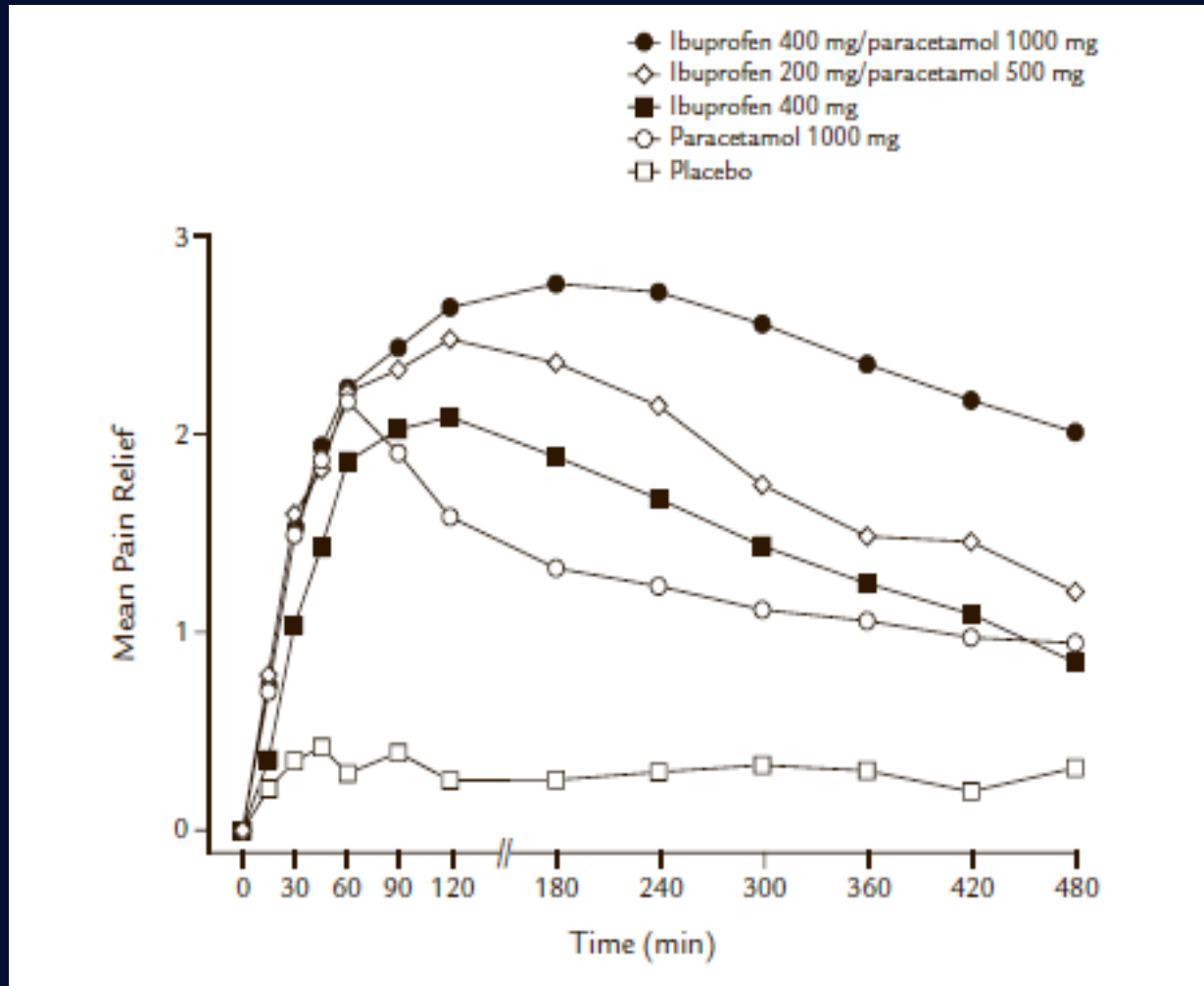
School of Dental Medicine

pam7@pitt.edu

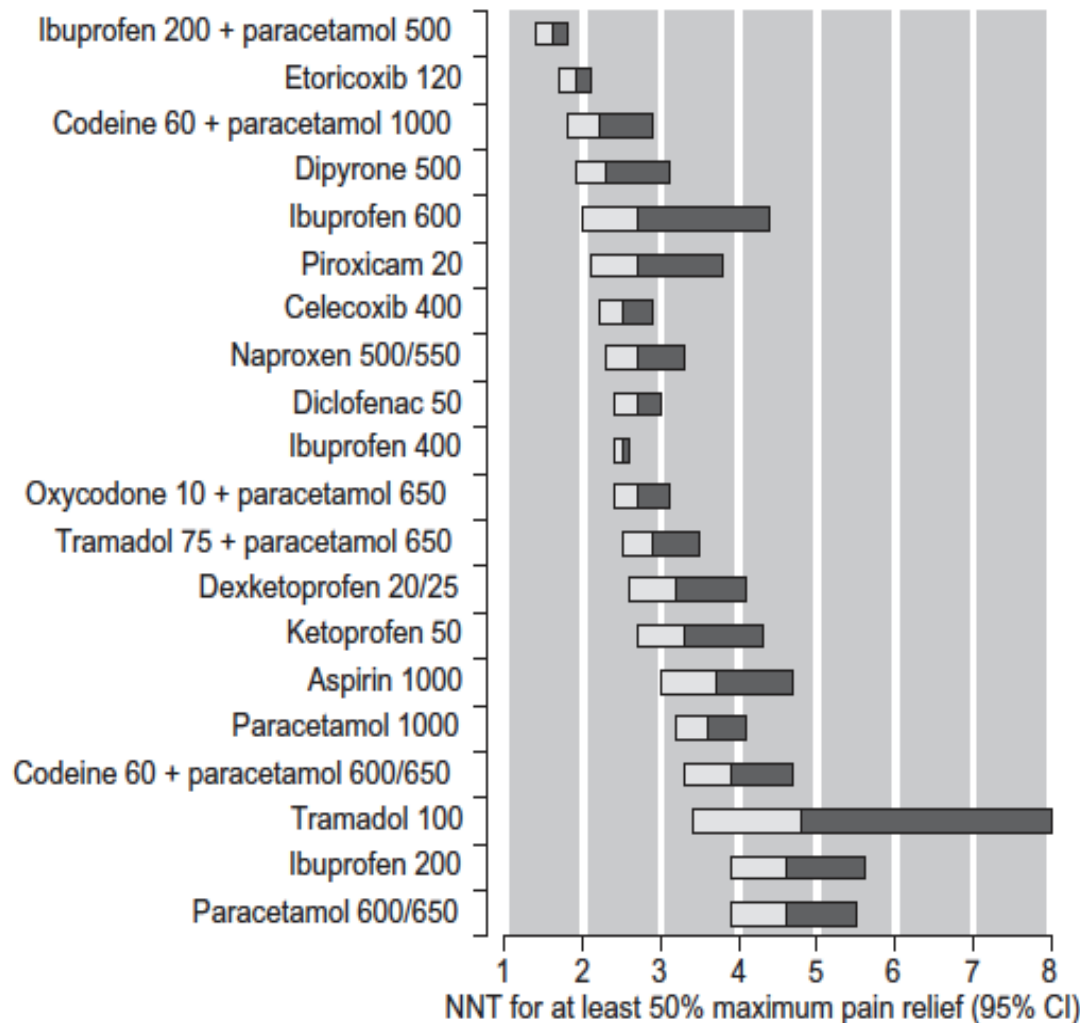
APAP and Opioid Combinations



Ibuprofen and APAP

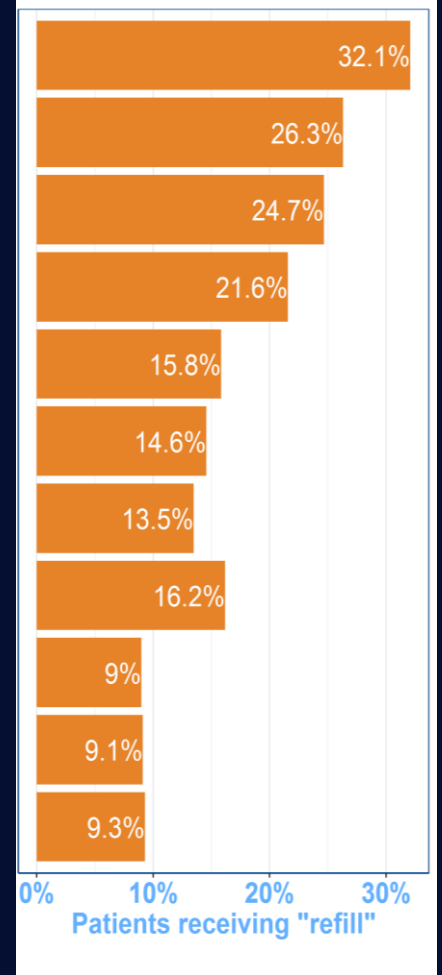
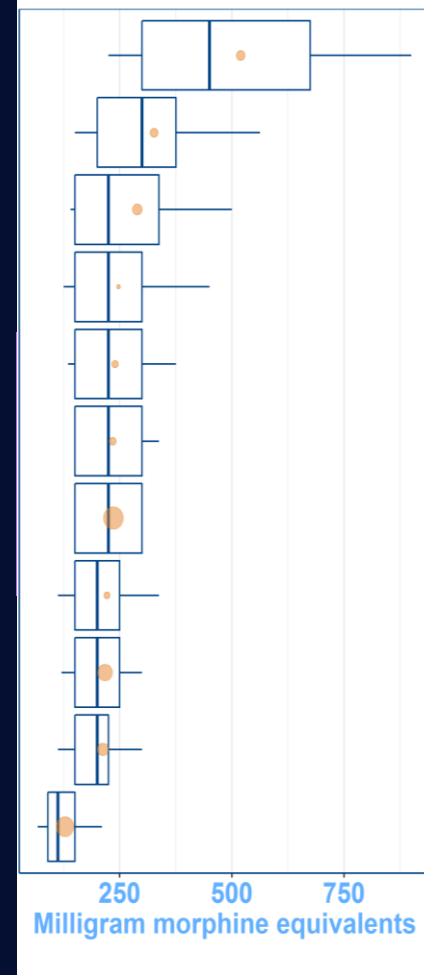
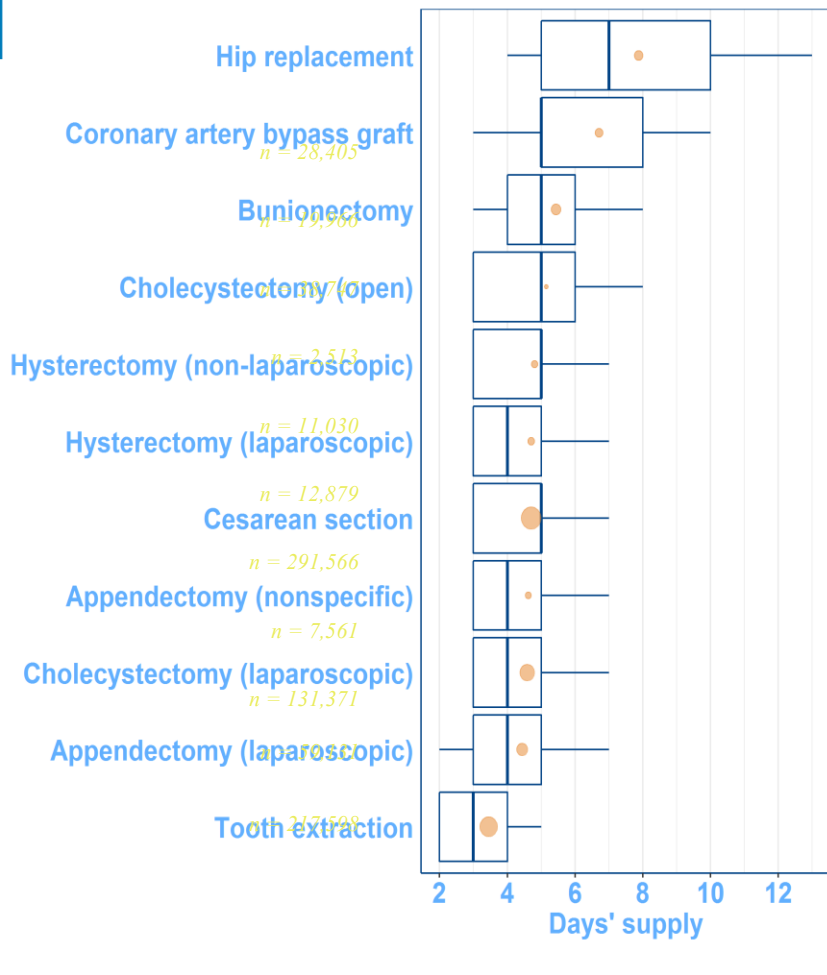


NNTs for Analgesic Agents



Summary:
460 Clinical Trials
3rd molar extraction
58,000+ subjects

Observed Quantities Dispensed: Preliminary Findings



Bohn J, Mundkur M, et al.: Estimating “Optimal” Durations for Initial Opioid Analgesic Prescription Following Common Surgical Procedures”. International Conference on Pharmacoepidemiology & Therapeutic Risk Management (34th ICPE), August 25, 2018

Opioid Therapy in Dentistry

Outpatient Indications for Opioid Therapy in Dentistry

1. Chronic Pain: TMJ disorders

Opioids are rarely ($>0.3\%$) used or recommended.

If required, therapy in conjunction with Chronic Pain Specialist is recommended.

2. Acute Pulpal Infections: (i.e. reversible pulpitis/toothache)

NSAIDs & APAP, with option for short duration of opioid/APAP combinations.

Postoperative Opioid Therapy in Dentistry

Boney tooth impactions/complications

NSAIDs and APAP should be “first-line” for analgesia.

Opioid-sparing therapy (i.e. Long-Acting Local Anesthetics, corticosteroids, etc).

Opioid/APAP combinations may be necessary for complex surgery.

Endodontic Procedures.

NSAIDs & APAP should be “first-line” for analgesia; opioids may be necessary.

Tooth Extractions (erupted).

NSAIDs & APAP should be “first-line” for analgesia; opioids are rarely necessary.

Periodontal Surgery.

NSAIDs & APAP should be “first-line” for analgesia; opioids are rarely necessary.

Placement of Dental Implants.

NSAIDs & APAP should be “first-line” for analgesia; opioids are rarely necessary.

Thankyou for your attention



Aaron Huey, NatGeo Photographer