Pain Research in the News

New Drug to Prevent Migraine May Start Working in Days
June 8, 2016 [Source: American Academy of Neurology (AAN)]
A new drug to prevent migraine was associated with fewer headache hours for people with chronic migraine within three to seven days after the first injection, according to a study published in the June 8, 2016, online issue of Neurology®, the medical journal of the American Academy of Neurology. Full story...

Tarantula Toxins Offer Key Insights into Neuroscience of Pain
June 6, 2016 [Source: University of California, San Francisco]
A research team led by UC San Francisco scientists has discovered molecules that may help researchers do just that: two toxins isolated from the venom of Heteroscodra maculata, a West African tarantula the size of your hand (commonly referred to as the "ornamental baboon" or "Togo starburst" tarantula). Full story...

Neuropathic Pain Unmasks Subliminal Excitation in Pain Processing Circuits
Recent discoveries in the laboratory of Steven Prescott, at the Hospital for Sick Children in Toronto, shed new light on the mechanism underlying the establishment of neuropathic pain. Neuropathic pain is spontaneous pain and hypersensitivity to innocuous touch and heat stimuli, causing pain in situations that would normally not be painful. **Full story...**

**Scientists Discover and Test New Class of Pain Relievers**  
*June 1, 2016 [Source: Duke University]*  
A research team at Duke University has discovered a potential new class of small-molecule drugs that simultaneously block two sought-after targets in the treatment of pain. These proof-of-concept experiments, published June 1 in *Scientific Reports*, could lead to the development of a new drug to treat conditions including skin irritation and itching, headaches, jaw pain, and abdominal pain stemming from the pancreas and colon. **Full story...**

**Narcotic Painkillers Prolong Pain in Rats, Says CU-Boulder Study**  
*May 31, 2016 [University of Colorado]*  
Led by CU-Boulder Assistant Research Professor Peter Grace and Distinguished Professor Linda Watkins, the study showed that just a few days of morphine treatment caused chronic pain that went on for several months by exacerbating the release of pain signals from specific immune cells in the spinal cord. The results suggest that the recent escalation of opioid prescriptions in humans may be a contributor to chronic pain, said Grace. **Full story...**  
**View abstract in Pubmed.gov...**

**For Millions on Long-Term Opioid Medications, Change Will be a Challenge**  
*May 26, 2016 [Source: University of Colorado Anschutz Medical Campus]*  
A team of researchers at the University of Colorado School of Medicine and the VA Eastern Colorado Health Care System recently surveyed patients to understand barriers to reducing the use of opioids to manage chronic pain. The results of those interviews are published in the current issue of the journal *Pain Medicine*. **Full story...**

**New Meta-Analysis Shows Ketamine Effective against Persistent Post-Surgical Pain and Could Provide Major Cost-Savings Globally**  
*May 26, 2016 [Source: ESA (European Society of Anaesthesiology)]*  
In this new study, Dr Philip Peyton (Austin Hospital & University of Melbourne, Department of Anaesthesia, Melbourne, Australia) and colleagues evaluated the evidence around ketamine for prevention of PPSP. **Full story...**

**AAPM Business**

**Call for Nominations: 2017-2018 Board of Directors and Nominating Committee**  
**Deadline: July 1, 2016**  
The Academy is now inviting nominations for available 2017-2018 positions on the Board of Directors and the Nominating Committee. Nominees should be current, voting members of AAPM who are interested in and qualified for service in a leadership role.  
**For more information...**
Help Wanted:

- **Pain Management Physician - New Orleans West Bank**
  Ochsner Health System
  Gretna, LA
  Seeking a BC/BE Anesthesiologist or PM&R Physician who is fellowship trained in Interventional Pain Management.

- **Exciting Opportunity for an Interventional Pain Physician in Columbus, Ohio**
  Columbus, OH
  Pain Management specialist to evaluate, diagnose and treat patients of all ages with acute and chronic pain.

- **Physiatrist**
  Advocate Pain Management Center
  Houston, TX
  The private, physician owned, outpatient pain practice is looking for a personable and hard-working physiatrist to join their successful team in Houston, Texas.

- **Pain Management Physician Jobs in Richland, WA**
  Kadlec Clinic Neuroscience Center
  Richland, WA
  Seeking an excellent Pain Management physician to join our expanding team in providing high quality care to the communities we serve.

Read the current **President's Message**

AAPM E-news is supported by an unrestricted grant from Purdue Pharma L.P. Content is completely and independently selected and edited by AAPM.

**Updates**

- **Need Facts on Pain?** Visit AAPM's "Facts on Pain" section in the Patient Center of the AAPM website, which now includes detailed references to each fact. These are helpful to have on hand for media calls.

- **Affiliate Membership**

Call for 2017 Awards Nominations

**Deadline:** July 1, 2016

The annual AAPM awards program identifies and celebrates the accomplishments of individuals whose endeavors improve the care of people with pain. Awards are presented at the AAPM Annual Meeting to those who contribute to the field of Pain Medicine in social, political, scientific, or clinical arenas.

For more information...

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### AAPM Education Resources

#### OIC Resources Available for Clinicians

Opioid-Induced Constipation Resources are now available and easily-accessible via [www.painmed.org](http://www.painmed.org). Visit [here](http://www.painmed.org) for OIC-related education programs, and [here](http://www.painmed.org) for access Consensus Recommendations on Initiating Prescription Therapies for Opioid-Induced Constipation.

**Have You Visited AAPM's New Online Education Center?**

Featuring live seminars and on-demand continuing education courses, the new web-based platform is intuitive and user-friendly, making anytime education for pain care clinicians easier than ever before. Web-based modules showcase new developments and concepts in the science of pain medicine and best methodologies for delivery of pain medicine services. Many sessions are offered at no cost. The American Academy of Pain Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

[LEARN MORE](http://www.painmed.org).

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### Practice Management & Coding Updates

**Reporting E/M Services and Procedures on the Same Day**

Emily Hill, PA, AAPM Coding Consultant

CPT guidelines allow an Evaluation and Management (E/M) Service code to be reported on the day of a procedure or diagnostic test if the E/M service is "significant and separately identifiable" from the other service being reported.

[Read more...](http://www.painmed.org).

**Save on 2016 Coding for Anesthesia/Pain with Promo Code: CODING2016**

**2016 Illustrated Coding and Billing Expert for Anesthesia/Pain Management**

Optimized for medical necessity and reimbursement understanding, this all-in-one resource focuses on a subset of CPT anesthesia services, as well as surgeries, medicine and ancillary services CPT codes linked to Pain Management interventions chosen by experts who take into consideration utilization, denial risk and complexity.

Enter promotional code **CODING2016** at check-out to receive a $9.95 discount now through **June 30, 2016**.

Dr. Dan Carr Moderates Governors Panel on Opioids
June 2016 [Source: Tufts University School of Medicine]
Dr. Daniel Carr, Director of the Pain Research, Education and Policy Program at Tufts University School of Medicine recently moderated an esteemed panel at the International Conference on Opioids held at Harvard University. Panelists included all six governors of the New England states. Full story...

AAPM Members in the News
Dr. Dan Carr Moderates Governors Panel on Opioids
June 2016 [Source: Tufts University School of Medicine]
Dr. Daniel Carr, Director of the Pain Research, Education and Policy Program at Tufts University School of Medicine recently moderated an esteemed panel at the International Conference on Opioids held at Harvard University. Panelists included all six governors of the New England states. Full story...

Pain Treatments and Trials in the News
National Poison Data System Shows Decline in Accidental Acetaminophen Overdoses
June 15, 2016 [Source: Knowyourdose.org]
Today, the Acetaminophen Awareness Coalition (AAC) highlights research showing that progress is being made to increase awareness of the safe use of acetaminophen—one of the most common drug ingredients in the U.S. The group says data collected from the National Poison Data System and released in late 2015 show a steady decline in unintentional exposures of acetaminophen, including dosing errors and accidental misuse, since a peak in 2009. Full story...

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Pain News
The American Academy of Family Physicians Delivers New Opioid Toolkit, CME to Equip Members
June 13, 2016 [Source: American Academy of Family Physicians (AAFP)]
The AAFP is arming family physicians with the latest resources to best combat the opioid abuse epidemic, which now include a new chronic pain management toolkit and a free CME webcast focused on chronic opioid therapy. Full story...

Surgery and Opioids: Changing The Perioperative Patient Experience and Expectation
June 1, 2016 [Source: Pennsylvania Medical Society]
The Enhanced Recovery After Surgery (ERAS) protocol begins at least one...
week prior to surgery with a diet rich in carbohydrates and protein as well as hydration with sports drinks. Full story...

The Chances your Nurse Correctly Monitors for Side Effects of Pain Meds? About One in Four
May 26, 2016 [Source: University of Buffalo]
Nearly 75 percent of hospitalized patients receiving opioids for pain management are not monitored according to hospital guidelines. A study led by University at Buffalo nursing researcher Carla Jungquist reveals that the vast majority of post-operative patients given opioid medications through intravenous infusions are not monitored often enough to detect respiratory depression, a potentially deadly result of overdose. Full story...

ASCO Releases Principles for Balancing Appropriate Patient Access to Prescription Opioids with Curbing Misuse, Abuse of these Drugs
May 23, 2016 [Source: American Society of Clinical Oncology (ASCO)]
Full story...

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Substance Abuse and Addiction Research

Six in Ten Adults Prescribed Opioid Painkillers Have Leftover Pills
June 13, 2016 [Source: Johns Hopkins Bloomberg School of Public Health]
In the midst of an epidemic of prescription painkiller addiction and overdose deaths, a new Johns Hopkins Bloomberg School of Public Health survey suggests that more than half of patients prescribed opioids have leftover pills – and many save them to use later. Full story...

College Board Adopts New Professional Standard on Safe Prescribing to Address Public Health Emergency Related to Opioid Overdoses
June 1, 2016 [Source: College of Physicians and Surgeons of British Columbia]
At its recent meeting, the Board of the College of Physicians and Surgeons of BC adopted a new professional standard, Safe Prescribing of Drugs with Potential for Misuse/Diversion, to assist physicians with the challenging task of prescribing opioids, benzodiazepines and other medications. Full story...

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Government Agency News

White House Releases Estimated State Opioid Treatment Funding Levels Under President’s Budget Proposal
June 14, 2016 [Source: The White House]
Full story...

Marijuana and Cannabinoids: A Neuroscience Research Summit
Held March 22-23, 2016 [Source: NIH]
The Marijuana and Cannabinoids: A Neuroscience Research Summit was convened by the National Institutes of Health (NIH). The Summit focused on the neurological and psychiatric effects of marijuana, other cannabinoids, and the endocannabinoid system. Read more...

To view the meeting summary...

Lecture: Fibromyalgia Integrative Training for Teens (FIT Teens):
Development of a Novel Non-Pharmacologic Treatment for Juvenile Fibromyalgia
Held June 6, 2016 [Source: NCCIH Integrative Medicine]
To view archived Videocast...
FDA Warnings and Recalls

Zecuity (sumatriptan) Migraine Patch: Drug Safety Communication - FDA Evaluating Risk of Burns and Scars
June 13, 2016 [Source: FDA]

Zecuity manufacturer Teva Pharmaceuticals has decided to temporarily suspend sales, marketing, and distribution to investigate the cause of burns and scars associated with the Zecuity patch. Full story...

FDA Drug Safety Communication: FDA Warns about Serious Heart Problems with High Doses of the Antidiarrheal Medicine Loperamide (Imodium), Including from Abuse and Misuse
June 6, 2016 [Source: FDA]

The U.S. Food and Drug Administration (FDA) is warning that taking higher than recommended doses of the common over-the-counter (OTC) and prescription diarrhea medicine loperamide (Imodium), including through abuse or misuse of the product, can cause serious heart problems that can lead to death. Full story...

State Legislative News

Florida Drug Database and 'Pill Mill' Regs Curbed State's Top Opioid Prescribers, Study Suggests
June 2, 2016 [Source: Johns Hopkins University Bloomberg School of Public Health]

In the first year that two Florida laws aimed at curbing opioid prescriptions were in effect, the state's top opioid prescribers wrote significantly fewer prescriptions of this type of pain medication, a new analysis led by researchers at the Johns Hopkins University Bloomberg School of Public Health finds. Full story...

Pain Abstracts in the News

Management of Adults With Acute Migraine in the Emergency Department: The American Headache Society Evidence Assessment of Parenteral Pharmacotherapies
June 14, 2014 [Source: Headache, the Journal of Head and Face Pain]

Abstract: Objective: To provide evidence-based treatment recommendations for adults with acute migraine who require treatment with injectable medication in an emergency department (ED). We addressed two clinically relevant questions: (1) Which injectable medications should be considered first-line treatment for adults who present to an ED with acute migraine? (2) Do parenteral corticosteroids prevent recurrence of migraine in adults discharged from an ED?
Read more...

Prescription of Long-Acting Opioids and Mortality in Patients With Chronic Noncancer Pain
June 14, 2016 [Source: Journal of the American Medical Association]

Importance: Long-acting opioids increase the risk of unintentional overdose deaths but also may increase mortality from cardiorespiratory and other causes. Objective: To compare all-cause mortality for patients with chronic noncancer pain who were prescribed either long-acting opioids or alternative
medications for moderate to severe chronic pain.

Risk of Prenatal Opioid Prescribing
June 14, 2016 [Source: Journal of the American Medical Association]
Reproductive-age women enrolled in New York’s Medicaid program receive prescriptions for opioids about half as often as women the same age in other parts of the United States, according to a recent study.

Characterisation of Interface Astroglial Scarring in the Human Brain After Blast Exposure: a Post-Mortem Case Series
June 9, 2016 [Source: The Lancet, Neurology]
Summary: Background: No evidence-based guidelines are available for the definitive diagnosis or directed treatment of most blast-associated traumatic brain injuries, partly because the underlying pathology is unknown.

PubMed Pain Abstracts
The following abstracts are posted at PubMed.gov:

Weighing the Risks and Benefits of Chronic Opioid Therapy
Lembke A1, Humphreys K1, Newmark J1.
Abstract: Evidence supports the use of opioids for treating acute pain. However, the evidence is limited for the use of chronic opioid therapy for chronic pain. Furthermore, the risks of chronic therapy are significant and may outweigh any potential benefits. When considering chronic opioid therapy, physicians should weigh the risks against any possible benefits throughout the therapy, including assessing for the risks of opioid misuse, opioid use disorder, and overdose.
PMID: 27304767 [PubMed - as supplied by publisher]

NIH Clinical Studies & Trials
The following studies and trials are posted at ClinicalTrials.gov:

Optimizing Delivery of a Behavioral Cancer Pain Intervention Using a SMART (SMART)
This study is not yet open for participant recruitment.
Sponsor: Duke University
Information provided by (Responsible Party): Duke University
Principal Investigator: Tamara J Somers, Ph.D., Duke University
ClinicalTrials.gov Identifier: NCT02791646
First received: June 2, 2016
Stated Purpose: This trial is a sequential multiple assignment randomized trial (SMART), that will examine response to differing doses of a behavioral cancer pain intervention (Pain Coping Skills Training [PCST]) and subsequent response-based adjustments to doses. Cancer patients with pain will initially be randomized to receive either PCST-Full or PCST-Brief.

A Study of LY2951742 (Galcanezumab) in Participants With Cluster Headache
This study is not yet open for participant recruitment.
First received: June 9, 2016
Sponsor: Eli Lilly and Company
Information provided by (Responsible Party): Eli Lilly and Company
ClinicalTrials.gov Identifier: NCT02797951

Stated Purpose: The main purpose of this study is to assess the long-term safety and tolerability of galcanezumab administered up to once monthly in participants with episodic or chronic cluster headache who have completed study I5Q-MC-CGAL (NCT02397473) or study I5Q-MC-CGAM (NCT02438826).

Read more...

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Industry News

Teva Gains Recommendation for Approval from FDA Advisory Committees for VANTRELA™ ER (hydrocodone bitartrate) Extended-Release Tablets CII Formulated with Proprietary Abuse Deterrence Technology
June 7, 2016 [Source: Teva Pharmaceutical Industries Ltd.]

Full story...

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