

Project Details



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**Non-pharmacological Options in postoperative Hospital-based And Rehabilitation pain Management (NOHARM) pragmatic clinical trial**

Project Number 1UG3AG067593-01	Former Number 1UG3AT010669-01	Contact PI/Project Leader CHEVILLE, ANDREA LYNNEOther PIs	Awardee Organization MAYO CLINIC ROCHESTER
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**Description**

**Abstract Text**

ABSTRACT Prescriptions for narcotic pain relief after surgery result in unintended prolonged opioid use for hundreds of thousands of Americans. That trend fuels an excess supply of opioids that can lead to dependence, addiction, diversion, and overdoses on a national scale. Non-pharmacological pain care is effective and recommended by guidelines for perioperative pain while offering a more favorable risk benefit ratio. However, nonpharmacological pain care is rarely used as first or second-line therapy after surgery. Patient and clinician decision support interventions are effective in encouraging patient centered and guideline-concordant care, but these strategies have not been tested pragmatically as a bundle in every day postoperative pain care. The NOHARM trial will first confirmed the feasibility of patient-facing as well as clinician-facing decision support components of an EHR-imbedded evidence-based bundle (Aim 1). Then we will test our bundle in a step-wedge, cluster randomized trial at 18 sites in 4 Health Systems (Aim 2) affiliated with one national healthcare organization that uses a common EHR platform. We will test a sustainable system strategy that could change the paradigm of perioperative pain management toward nonpharmacological options in a manner that preserves patient function, honors patient values and maintains availability of opioids as a last resort. This could serve as a model for healthcare organizations nationally and could be disseminated through our institution's ongoing partnership with the largest national EHR vendor. To ensure our approach is sustainable, we will also study what worked and what did not at all study sites (Aim 3), focusing on high-risk patients within a parent organization that has expressed a high-level commitment to addressing the opioid crisis.

**Public Health Relevance Statement**

PROJECT NARRATIVE The NOHARM trial will test an EHR-imbedded evidence-based bundled intervention at 18 sites in 4 Health Systems affiliated with one national healthcare organization designed to change the paradigm of perioperative pain management in a manner that could help curb the opioid epidemic. That strategy will encourage less harmful nonpharmacological pain care while minimizing symptom burden, preserving patient function, honoring patient values and maintaining availability of opioids as a last resort. This could serve as a model for healthcare organizations nationally and could be disseminated through our institution's ongoing partnership with the largest national EHR vendor.

**NIH Spending Category**

- Chronic Pain
- Clinical Research
- Clinical Trials and Supportive Activities
- Complementary and Integrative Health
- Health Services
- Neurosciences
- Opioid Misuse and Addiction
- Opioids
- Pain Research
- Patient Safety
- Rehabilitation
- Substance Abuse

**Project Terms**

- Address
- Adoption
- American
- Amputation
- Bundling
- Caring
- Cesarean section
- Chronic
- Clinical
- Cluster randomized trial
- Colorectal Surgery
- Complex
- Conduction Anesthesia
- Consumption
- Data Collection
- Data Element
- Dependence
- Discipline
- Disease
- Education
- Ensure
- Evaluation
- Exercise
- Goals
- Guidelines
- Gynecologic Surgical Procedures
- Health system
- Healthcare Systems
- Hospitals
- Institution
- Intervention
- Joints
- Lead
- Lower Extremity
- Methods
- Modality
- Modeling
- Monitor
- Narcotics
- Operative Surgical Procedures
- Opioid
- Opioid user
- Outcome
- Overdose
- Pain
- Pain management
- Parents
- Patient Preferences
- Patients
- Perioperative
- Perioperative Care
- Policies
- Population
- Postoperative Pain
- Postoperative Period
- Pragmatic clinical trial
- Procedures
- Public Health
- Quality of life
- Replacement Arthroplasty

[Read More](#)

**Details**

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**Organization**

Name MAYO CLINIC ROCHESTER	Department Type Unavailable	State Code MN
City ROCHESTER	Organization Type Other Domestic Non-Profits	Congressional District 01
Country UNITED STATES (US)		

**Other Information**

FOA RFA-AT-19-004	Administering Institutes or Centers NATIONAL INSTITUTE ON AGING	Project Start Date 30-September-2019
Study Section Special Emphasis Panel[ZAT1 JM (02)]	CFDA Code 866	Project End Date 31-August-2020
Fiscal Year 2019	Award Notice Date 25-September-2019	Budget Start Date 30-September-2019
	DUNS Number 006471700	Budget End Date 31-August-2020
	UEI Y2K4F9RPRR7	

**Project Funding Information for 2019**

Total Funding \$729,645	Direct Costs \$458,896	Indirect Costs \$270,749
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Year	Funding IC	FY Total Cost by IC
2019	NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE	\$729,645

**NIH Categorical Spending**

[Click here for more information on NIH Categorical Spending](#)

Funding IC	FY Total Cost by IC	NIH Spending Category
NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE	\$729,645	Chronic Pain; Clinical Research; Clinical Trials and Supportive Activities; Complementary and Integrative Health; Health Services; Neurosciences; Opioid Misuse and Addiction; Opioids; Pain Research; Patient Safety; Rehabilitation; Substance Abuse;

**Sub Projects**

No Sub Projects information available for 1UG3AG067593-01

**Publications**

[Disclaimer](#)

No Publications available for 1UG3AG067593-01

**Patents**

No Patents information available for 1UG3AG067593-01

**Outcomes**

The Project Outcomes shown here are displayed verbatim as submitted by the Principal Investigator (PI) for this award. Any opinions, findings, and conclusions or recommendations expressed are those of the PI and do not necessarily reflect the views of the National Institutes of Health. NIH has not endorsed the content below.

No Outcomes available for 1UG3AG067593-01

**Clinical Studies**

No Clinical Studies information available for 1UG3AG067593-01

**News and More**

**Related News Releases**

No news release information available for 1UG3AG067593-01

**History**

No Historical information available for 1UG3AG067593-01

**Similar Projects**

No Similar Projects information available for 1UG3AG067593-01