NIH HEAL Clinical Studies on Pain

Scope of Applications

NIH • Helping to End Addiction Long-term

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Scope of Applications: Pain Conditions

- CIPN
- Fibromyalgia
- Low Back Pain
- Neuropathic
- Postoperative
- Acute
- SCI
- CRPS
- Headache
- Hemodialysis
- HIV
- Cancer
- Diabetic Neuropathy
- Sickle Cell
- Acute
- Orofacial
- TBI
- IBS
- Chronic
- Ocular
- Neck
- Burn
- TMD
- Trigeminal Neuralgia
HEAL Pain Clinical Programs

Back Pain Consortium: Clinical Studies & Trials
Comparative Effectiveness Pain Management Network: Clinical Trials
Pragmatic and Implementation Studies for the Management of Pain: Pragmatic Trials
Integrated Approach to Pain and Opioid Use in Hemodialysis Patients: Clinical Trials
NCI Community Oncology Research Program*: Clinical Trials
NICHD Maternal-Fetal Medicine Units MFMU* Women’s Health
EPPIC Net* Clinical Trials
Discovery of Biomarkers, Biomarker Signatures, and Endpoints for Pain: Clinical Studies & Trials
SBIR/STTR Translational and Clinical Devices to Treat Pain: Clinical Studies and Clinical Trials

*pending submissions
Pain Conditions & Research Approaches

Acute pain
- Not specified
- Burn
- Nociceptive
- Postpartum
- Procedural
- Musculo-skeletal trauma

Biomarker discovery
- Diagnostic
- Treatment response

Interventions
- Assessment
- Clinical decision points
- Medications
## Pain Conditions & Research Approaches

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<th>Interventions*</th>
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<td>Overlapping conditions</td>
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<td>Virtual reality</td>
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* Includes BACPAC
Pain Conditions & Research Approaches

Post-operative pain
- Not specified
- Caesarian section
- Colon cancer
- Knee replacement
- Lung cancer
- Mastectomy
- Organ transplant
- Ocular
- Orofacial/Dental

Biomarker discovery
- Diagnostic
- Prognostic
- Treatment response

Interventions
- Cognitive Behavioral Therapy
- Clinical decision support
- Cryotherapy
- Drug
- Multidisciplinary
- Stimulation: peripheral
Neuropathic pain
- Non-specific
- Chemotherapy induced
- Chronic Regional Pain Syndrome
- Diabetic neuropathy
- Fibromyalgia
- HIV neuropathy
- Radicular back pain
- Sjogren’s Syndrome
- Spinal cord injury
- Traumatic brain injury
- Trigeminal neuralgia

Biomarker discovery
- Diagnostic
- Prognostic
- Treatment response
- Endpoints

Interventions
- Acupuncture
- Drugs
- Exercise
- Multidisciplinary
- Injections
- Spinal stimulation
- Virtual reality
Pain Conditions & Research Approaches

Cancer pain*
- Head and neck
- Breast
- CIPN

Sickle cell disease

Hemodialysis pain

IBS

Biomarkers
- Diagnostic
- Prognostic

Interventions
- Acupuncture
- CBT
- Integrated
- Stimulation- CNS, PNS
- Drug

*submissions pending
Special Populations

- Pediatric
- Pregnant, post-partum women
- Older adults
- Overlapping pain conditions
- Rural districts
- Sickle cell disease
- Disadvantaged
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