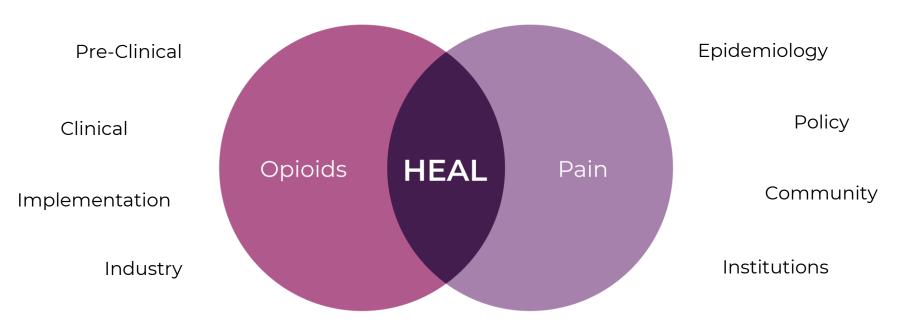


Metadata to Drive HEAL Initiative Purpose & Audience



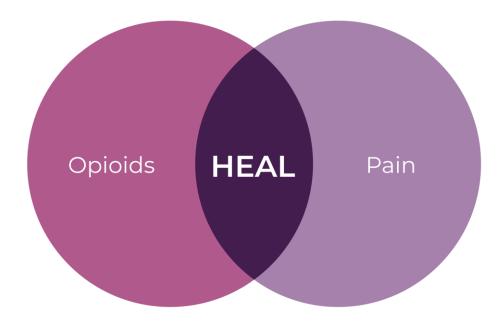
HEAL Initiative Purpose..





HEAL Initiative Purpose..is translational

Finding solutions to the human conditions of:





HEAL Initiative Audience..is inclusive

- HEAL & Non-HEAL Researchers
- Clinicians
- Patients
- Persons/communities directly or indirectly affected
- External Stakeholders (Pharma/Industry, Journalist, Advocate, Politician/Policy Maker, Public Health Official, CBO Leader, etc.)



(HEAL Initiative) Metadata is...





Metadata to Drive HEAL Initiative Purpose & Audience: Summary Categories



Metadata – Categories

- (Meta)Data Location
- Citation
- Contact
- Study Type
- Data Availability
- Data

- Minimal Info
- Study Translational Focus
- Human Treatment Applicability
- Human Condition Applicability
- Human Subject Applicability
- Findings



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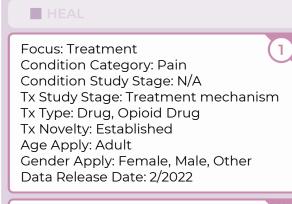


HEAL Platform Interface Filters on HEAL Metadata for Discovery









Focus: Treatment

Tx Novelty: Novel

Gender Apply: Female

Data Release Date: 1/2023

Condition Category: Pain

Condition Study Stage: N/A

Age Apply: Adult, Adolescent

Tx Study Stage: Treatment efficacy

Tx Type: Behavioral, Psychotherapy

Tx Novelty: Novel
Age Apply: Adult
Gender Apply: Female, Male, Other
Data Release Date: 3/2023

Focus: Condition
Condition Category: Opioid exposure
Condition Study Stage: Condition impact
Tx Study Stage: N/A
Tx Type: N/A
Tx Novelty: N/A
Age Apply: Neonate
Gender Apply: Female, Male, Other
Data Release Date: 4/2025

Focus: Treatment

Condition Category: Pain

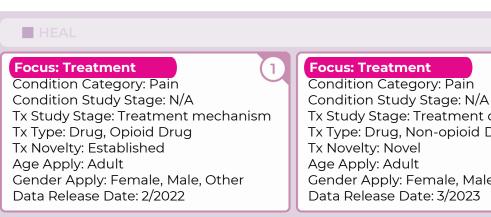
Condition Study Stage: N/A

Tx Study Stage: Treatment discovery

Tx Type: Drug, Non-opioid Drug



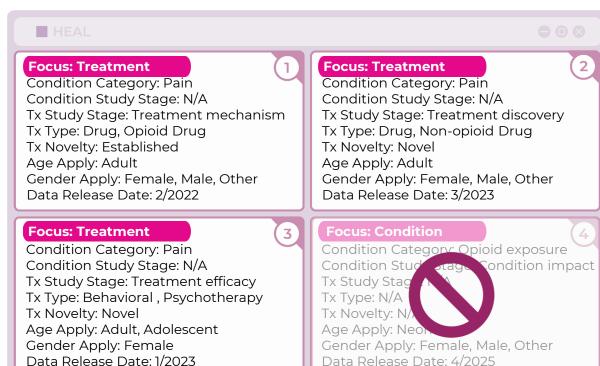




Tx Study Stage: Treatment discovery Tx Type: Drug, Non-opioid Drug Tx Novelty: Novel Age Apply: Adult Gender Apply: Female, Male, Other Data Release Date: 3/2023 **Focus: Condition Focus: Treatment** Condition Category: Pain Condition Category: Opioid exposure Condition Study Stage: N/A Condition Study Stage: Condition impact Tx Study Stage: Treatment efficacy Tx Study Stage: N/A Tx Type: Behavioral, Psychotherapy Tx Type: N/A Tx Novelty: Novel Tx Novelty: N/A Age Apply: Adult, Adolescent Age Apply: Neonate Gender Apply: Female Gender Apply: Female, Male, Other Data Release Date: 1/2023 Data Release Date: 4/2025

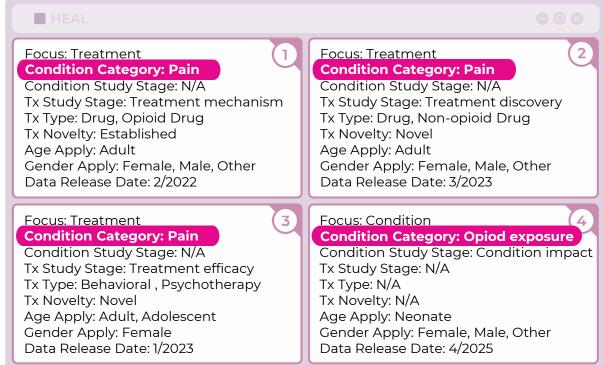
































A Selection of Other Use Cases

- I'm a pain researcher trying to collate all the evidence available on efficacy and differential risk of addiction related to treatment of chronic pain with opioids for a meta-analysis
- I'm a **pharma** company scientist developing non-opioid drug alternatives to treat pain attempts to drug one target failed due to toxicity; I want to understand more about the original biomolecule target mechanism to identify other druggable targets in the pathway
- I'm a pre-K/K school teacher and I know that the community around my school has high rates of OUD I wonder if some of the behavioral issues my students have can be attributed to affects of in utero exposure to opioids and if so, how I can recognize these exposure impacts and potentially provide support and intervention to my students and their parents
- I'm a clinician treating OUD patients and I notice that there's a high rate of relapse among my patients - I want to see if there's any research on risk factors for and treatment of relapse of OUD
- I'm a **public health official** with some money to address opioid use in my community I specifically want to look for at an intervention that is established so that politicians allocating the money can clearly say the money is going towards an evidence-based intervention



Keeping the metadata benefit high & your cost low



HEAL Platform maximizes value from existing metadata sources

- NIH RePORTER
- ClinicalTrials.gov
- Home Repository



HEAL Platform minimizes additional work by investigators

HEAL Investigator or Proxy



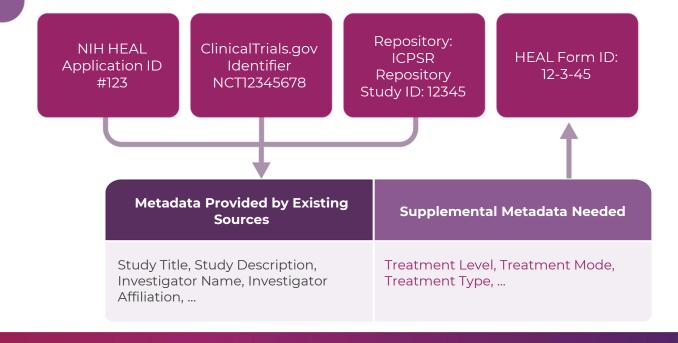
NIH HEAL Application ID #123 ClinicalTrials.gov Identifier NCT12345678 Repository: ICPSR Repository Study ID: 12345



HEAL Platform minimizes additional work by investigators

HEAL Investigator or Proxy







Takeaways

- (Study-level) Metadata
 - Data which provides information about/description of HEAL studies
 - Purpose and Audience matter
 - This is HEAL Study Level Core Metadata, Beta v1.0.0 we welcome and will provide venues for feedback
- Everyone benefits Broad HEAL Community, <u>including</u> HEAL investigators
- We will provide support!
 - While this can be additional / challenging work, the NIH HEAL Program Office, HEAL Stewards and Platform Teams are working to minimize the work while maximizing the value – sample metadata entry forms, support in completing form, and feedback venues coming soon!

