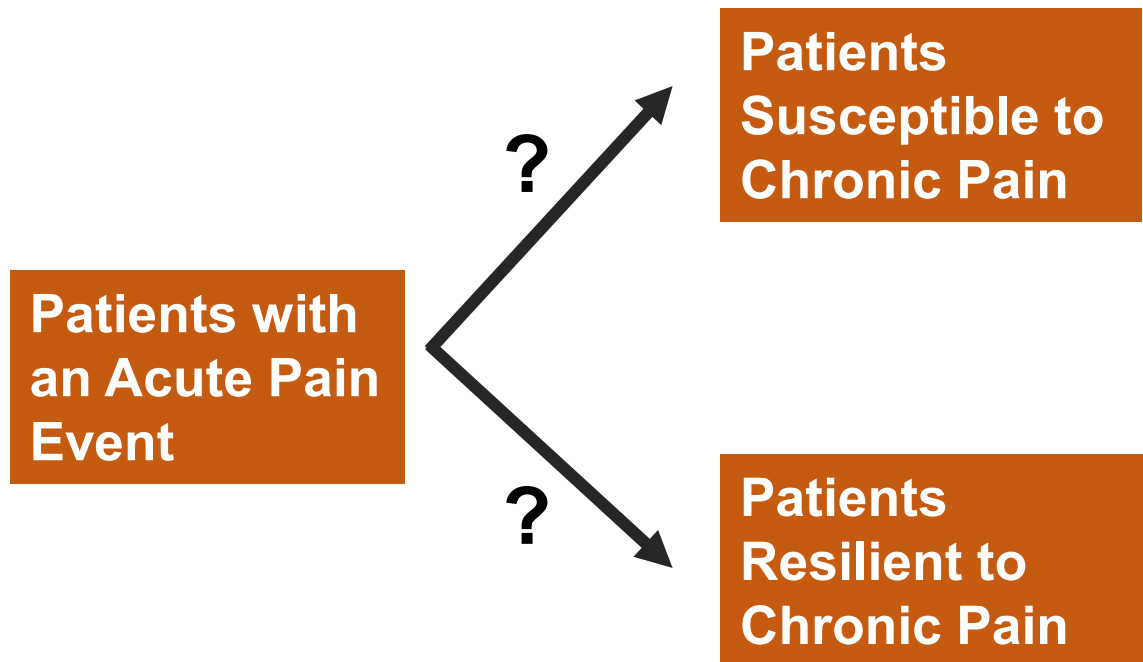


# Acute to Chronic Pain Signatures (A2CPS) Program Goal & Significance



The Common Fund

**The transition from acute to chronic pain is not well understood**



## **A2CPS Program Goal**

Identify biosignatures to predict chronic pain susceptibility or resilience

## **A2CPS Significance**

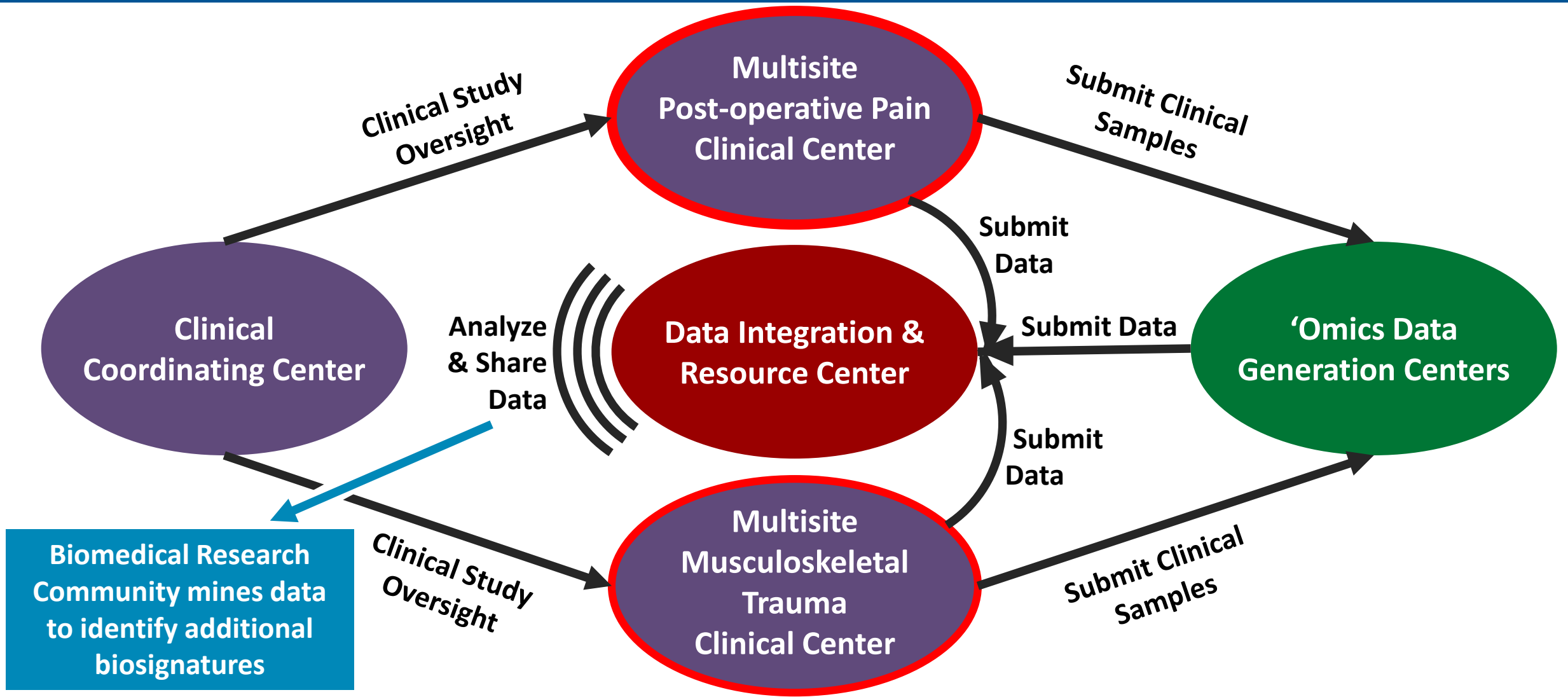
If successful, the program could enable

- Personalized acute pain care to prevent chronic pain
- Reduced reliance on opioids
- Identification of therapeutic targets

# A2CPS program components



The Common Fund



# Plan to re-release FOA(s)



The Common Fund

**Multisite  
Post-operative Pain  
Clinical Center**  
RM-18-034

**Multisite  
Musculoskeletal  
Trauma  
Clinical Center**  
RM-18-033

## Plan:

Re-release one, or both, or a combination FOA, for Multi-site Clinical Centers (MCC)

## Major Goals of FOAs:

- enrollment and multimodal longitudinal assessment of a large cohort of patients with acute pain from a musculoskeletal trauma or acute peri-operative pain
- develop a study enrolling patients from a single type of musculoskeletal trauma (e.g. bone fracture) or a surgical procedure (e.g. thoracotomy) with 30% to 60% rate of transition from acute to chronic pain
- retain these patients for assessments at time = 0, 3 months, and 6 months post-trauma
- work with other program awardees to develop clinical protocols, EHR standardization, biospecimen collection protocols, and data deposition/sharing plans

## Differences from first issue:

- outreach to broader communities beyond “Pain”: ex: orthopedic and emergency room communities
- more time available to develop applications