

# Alleviate

The Advanced Pain Discovery Platform  
(APDP) Data Hub

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Director



# Alleviate is the APDP Data Hub



The Advanced Pain Discovery Platform  
(APDP) Data Hub



*Collaborating with APDP consortia to harmonise data and streamline access to data via FAIR principles*

# Solution to a Common Problem

- Pain datasets are in silos
- Hard to find
- Even harder to query
- Datasets are in different formats

Data Silos



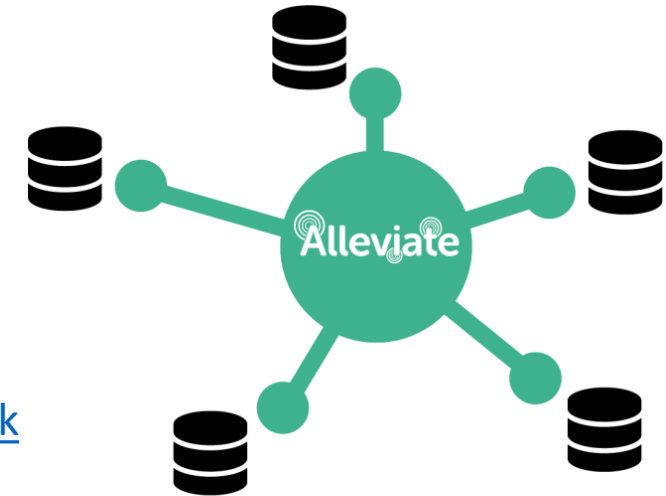
OMOP Mapping



**Carrot**

<https://carrot.ac.uk>

Data Discovery



University of  
Nottingham

UK | CHINA | MALAYSIA

# HDR UK Gateway

- Registered 21 Pain datasets with HDR UK's Metadata Catalogue
  - Available in the [Alleviate Collection](#)
- Currently added six pain specific data sets to HDR UK Cohort Discovery Tool
  - Plus pain-specific terms in existing three large cohorts:
    - SHARE, Generation Scotland, Twins UK
  - Many further datasets in the pipeline for CDT



Datasets	Individuals
TWINS UK	~15K
DOLORisk UK	~10K
GOAL	~ 3100
WebEx	~140
Omega-3	~ 75
MICA	~70
CTS PINS	~150

**+6 Pain-specific Cohorts**  
**>315,000 individuals**



# HDR UK Metadata Catalogue



# Supporting RWE

- No. patients (living, deceased & migrated): **2M**
- NHS Tayside since 1998 & NHS Fife since 2009

Health Informatics Centre

EHDEN  
EUROPEAN HEALTH DATA & EVIDENCE NETWORK

OHDSI  
OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS

Collaborative multinational retrospective cohort study (with c. 500M records)  
doi: 10.1016/j.eclinm.2023.101932



Drug utilisation Study  
Rectopexy Study



UK-FAIRS medical devices pilot

generation scotland

SHARE

# Acknowledge PPIE Team

- Involved across a broad range of engagements activities such as
  - Video production
  - Co-production of content with designers
  - Conference attendance and giving talks
- The Alleviate PPIE team are very effective, passionate, knowledgeable and brave in sharing their experiences



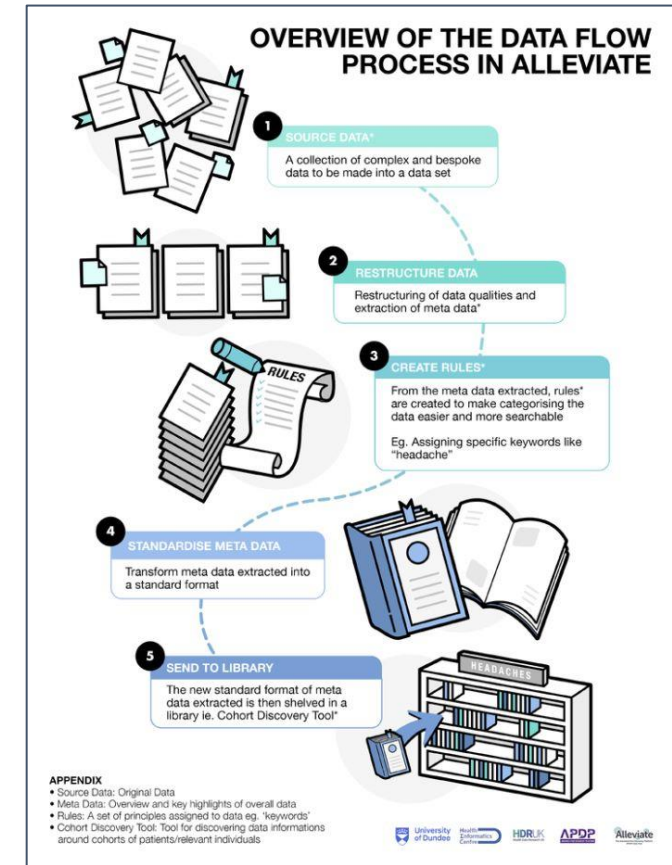
Antony



Kausar



Irene



@Alleviate\_Data



@alleviate-hub

#painresearch #patientinvolvement #AlleviateHub #CAPEConference #APDP

**Thanks for listening!**

[www.alleviate.ac.uk](http://www.alleviate.ac.uk)

