APAC Community Call
India Chapter Intro & Clinical Registry Efforts

October 6, 2022
Agenda

• OHDSI News
• India Chapter Introduction by Swetha Kiran, Global Value Web
• Clinical Registry Efforts in OHDSI
• APAC Symposium Updates
  – Following Taiwan’s decision to lift quarantine restrictions beginning October 13, the symposium will now take place **in person and virtual**, as originally planned!
  – Registration pages have been updated to reflect this change
    • Tutorial workshop (Day 1): [https://www.eventbrite.com/e/405675896527](https://www.eventbrite.com/e/405675896527)
    • Main conference (Day 2): [https://www.eventbrite.com/e/405654863617](https://www.eventbrite.com/e/405654863617)
  – Deadline for poster submissions has passed. Thank you to everyone who submitted their work!
Agenda

- OHDSI India Chapter - Aims & Objectives
- OHDSI India Chapter - Interim Board member plan
- OHDSI India Chapter - Therapeutic Areas of interest to generate RWE
- Action plan - Real World Evidence Platform powered by OHDSI
- OHDSI India Chapter - Ongoing work
OHDSI India Chapter – Aims & Objectives

- The chapter promotes open science to generate new avenues in India which will help the population in:
  - Low economic strata
  - Rural areas
  - Most prevalent communicable and non-communicable diseases in India

- Establish consistent methodologies and best practices for data protection
- Expand awareness of RWD & RWE in India
- Expand access to patient data in India and standardize to OMOP standards
- Conduct observational studies across multiple real-world OMOP datasets
- Perform secondary research using OHDSI tools that addresses the healthcare needs in India
# OHDSI India Chapter - Interim Board member plan

## Interim Board members of OHDSI India chapter

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Email</th>
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<tbody>
<tr>
<td>President</td>
<td>Parthiban Sulur</td>
<td><a href="mailto:sparthi@global-value-web.com">sparthi@global-value-web.com</a></td>
</tr>
<tr>
<td>Vice president</td>
<td>Swetha Kiranmayi Jakkuva</td>
<td><a href="mailto:jswetha@global-value-web.com">jswetha@global-value-web.com</a></td>
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<tr>
<td>Secretary</td>
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<td>Honorary Secretary</td>
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<tr>
<td>Treasurer</td>
<td>Ananda Ramachandra</td>
<td><a href="mailto:ananda.ramachandra@global-value-web.com">ananda.ramachandra@global-value-web.com</a></td>
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<tr>
<td>Honorary Treasurer</td>
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<td>Yet to nominate</td>
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## Chapter Leaders

- Lakshmi Kubendran
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## Committee members

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## Version No: 1.0, Date: 6Oct2022
OHDSI India Chapter - Therapeutic areas of interest

- Infectious Diseases: MDR - TB, Leprosy, Dengue
- Neurological Disorders: Parkinson’s Disease, Alzheimer’s
- Oncology: Breast Cancer, HPV
- Genetic Disorder: Thalassemia
**Challenge**
Observational studies and evidence-based healthcare always remain unmet needs in India due to poor healthcare systems and data standards.

**Aim**
To build a regional federated OMOP data network leveraging OHDSI open-source tool.
To establish evidence-based decision-making for management of diseases national/global interest through secondary research.

**Approach**
Platform Development → Data Processing & Standardization → Research Study & Support → Visualization & Result Dissemination

**Result**
- Sustainable infrastructure on public health
- Generate Real World Evidence Case Studies
- Preparing for future pandemics/health emergencies
- Support clinicians with different and Optimal treatment decisions.
- Upskill healthcare community to support data standardization.

RWE Platform powered by OHDSI
Harmonize the patient datasets of specific therapeutic areas of interest to OMOP CDM enabling data analysis on open-source tools and building a research framework, that leverages large-scale standardized analytics, methods, and skills using a federated data model.
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Thank You!

Enabling the Transition
Executing for Today, Organizing for Tomorrow

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GLOBAL VALUE WEB
Clinical Registry Efforts in OHDSI

- Sept. 13: Clinical Registry Efforts in OHDSI
  - How clinical registries and OMOP can benefit from each other
    - Presenter: [Name]
  - How to adapt a manual clinical registry to OMOP
    - Presenter: [Name]
  - How to lower the TTL barrier going to OMOP with Personas (Demonstration)
    - Presenter: [Name]
  - Lowering the deployment burden with the cloud
    - Presenter: [Name]
  - Distributed Machine Learning Using OMOP
    - Presenter: [Name]