

OHDSI Medical Device WG

Updates for the OHDSI Community Call on March 9, 2021

Prepared by Asiyah Lin on March 5, 2021

Initiation: to grow a community for medical device RWE research

<https://forums.ohdsi.org/t/new-working-group-medical-device-working-group/8178>

New working group: Medical Device Working group

created **A** Oct '19 last reply  25d **75** replies **2.1k** views **33** users **11** likes **9** links

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- 8 [Microsoft Forms](#) office.com
- 7 [//forums.ohdsi.org/uploads/default/original/2X/e/ee27c27beb6f62efd87ffa2a299a1039dab8...](#)
- 7 [AccessGUDID - Identify Your Medical Device](#) nih.gov
- 6 [Data available for medical device safety studies?](#) ohdsi.org

Devices WG

- ◆ Devices WG
 - ◆ Meetings
 - ◆ Meeting notes

Objective: Conduct research centered on use of devices

Project Co-Leads: Asiyah Lin, Vojtech Huser

Initiator: Asiyah Lin

Start Date: fall 2019

Repository: pending

Meeting frequency:
**The 4th Thursday 10AM EST/EDT
bi-monthly a year (5 times a year)**



Vojtech Huser 12/9/20 11:14 AM Edited
PINNED - WHEN WE MEET - Scheduled a meeting



DEVICE WG (OHDSI, 2021, via Teams)
Occurs every other month on Fourth Thursday @10:00 AM until 12/31/22

15 replies from Vojtech, Elisse, and Asiyah

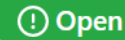
← Reply



Current

- 25 members
 - Industry
 - Academia
 - Government
 - Small business
- 4 meetings:
 - GMDN, UDI and SNOMED talks.
- 1 GitHub issue

UDI representation in CDM needs improvement #353



Open

linikujp opened this issue on Jul 6, 2020 · 4 comments



linikujp commented on Jul 6, 2020 · edited



Currently the CDM only represent the UDI as a full string and the size of the string is too small (50 characters) to capture a full UDI string in many cases.

UDI should be parsed before being represented in OMOP CDM. The UDI has multiple parts - UDI-DI (device identifier of UDI) and UDI-PI (production identifier of UDI) and UDI-PI has sub-parts - lot, serial, expiration date, manufacturer date, distinct identification code. See <https://www.fda.gov/media/96648/download> for more details.

- per email between Asiyah Lin, Terrie Reed, and Andrew Williams.



1

<https://github.com/OHDSI/CommonDataModel/issues/353>

Future

- Invite medical device researchers to demonstrate their work on EHR data or any other Real World Data
- Invite speaker from MDEpiNet, NEST or RAPID CDM
- Work with CDM group to implement the UDI issue
- 2021 proposed tasks:
 - Evaluate the Device_Exposure table usability in different countries or projects.
 - Paclitaxel stents evaluation
 - Please submit your ideas here: <https://github.com/minforteam/ohdsi-device-wg/discussions/categories/ideas>

The group is forming!

- **We are calling for leaders and collaborations!**
- Please contact:
 - Huser, Vojtech (NIH/NLM/LHC) [E] vojtech.huser@nih.gov
 - Lin, Asiyah (NIH/NHGRI) [E] asiyah.lin@nih.gov

