

Interview Guides for MATernal and Infant Network to Understand Outcomes Associated with Medication for Opioid Use Disorder during Pregnancy (MAT-LINK) Surveillance Evaluation

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Interview Guide for MAT-LINK Team Staff and Leadership

Introductions

Could you tell me about your role in MAT-LINK?

Strengths and Limitations

What is most useful about MAT-LINK for advancing the work of the larger team? (Usefulness)

What other uses for this system might there be?

What are its strengths and limitations?

Simplicity, Acceptability, and Flexibility

Do you feel that the system is as simple as possible? (Simplicity)

Does it facilitate timely reporting and orientation of new staff and clinical sites? (Timeliness)

How flexible is the system for adding new sites? (Flexibility)

Tell me about the process of adding and onboarding new sites.

About how long does it take to onboard sites?

How about adding new variables or extending the follow-up period? (Flexibility)

How do you think the system can adapt to changing circumstance such as new substances of concern? (Flexibility)

Public Health Authority and Funding

What is the public health authority used to collect these data?

What are the costs?

Informatics

Does MAT-LINK follow any data interoperability standards?

Could you walk me through the process of finalizing the schemas?

Analysis and Reporting

What is the analytic plan once data start coming regularly? (Data analysis)

Who will interpret results and how will they be shared? How often? (Dissemination)

What are the other planned uses for the data besides the primary questions? (Purpose)

**Could the data be easily connected to other surveillance or reporting systems?
(Interoperability)**

Interview Guide for MAT-LINK the Informatics Implementing Partner

Introductions

Could you tell me about your role in MAT-LINK?

Data Pipeline and Data Quality

Could you walk me through the data pipeline from end to end?

What kinds of data quality checks are done at each step? (Data Quality)

Have you noticed any differences in data quality by clinical site? What kind?

What about where data are extracted vs. abstracted? (Data Quality)

Could you help me identify any variables that are extracted at one or more sites but must be abstracted from another site? (Data Quality)

Simplicity, Acceptability, and Flexibility

Do you feel that the system is as simple as possible? (Simplicity)

Does it facilitate timely reporting and orientation of new staff and clinical sites? (Timeliness)

How are new sites onboarded?

What level of knowledge does a user need to operate the data collection tools? (Informatics system quality)

How flexible is the system for adding new sites? (Flexibility)

How about adding new variables or extending the follow-up period? (Flexibility)

Informatics

What kinds of IT infrastructure did you have to create for MAT-LINK? (Resources)

How reliable are the IT systems you use? About how often do they go down or function improperly? (Stability)

How quickly are you able to respond to issues that a site has? (Informatics Service Quality)

If clinical sites have issues, what is the process for resolution and how quickly are they typically resolved? (Informatics System Quality)

What are the data standards and security methods used for data transfer and warehousing?
(Informatics system quality) -- see note regarding the Data Storage in above sections

Does MAT-LINK follow any data interoperability standards? Such as HL7 or LOINC?

Could the data be easily connected to other surveillance or reporting systems?
(Interoperability)

Interview Guide for MAT-LINK Clinical Sites

Introductions

Could you tell me about your role in MAT-LINK?

Would you say you're more involved in abstraction, extraction, or equally involved in both?

Personnel and Resources

Has the makeup of your MAT-LINK team changed since the beginning? Have you had to bring on more or different staff members?

About how many people currently work on MAT-LINK at your site? (Personnel)

How much of your time do you spend on MAT-LINK? Perhaps in one month?

Is this about what you expected at the beginning of the project? (Acceptability)

What kinds of IT infrastructure did you have to create for MAT-LINK? (Resources)

Did you have to purchase equipment or software?

How reliable are the IT systems you use? About how often do they go down or function improperly? (Stability)

What does your site do while awaiting revisions of schemas? Does this slow your overall data extraction? (Informatics Service/Timeliness)

Data Collection

Briefly walk me through the abstraction process.

What kinds of changes, if any, could be made to improve the simplicity of this process? (Simplicity)

What changes, if any, might improve the data quality? (Data quality)

Have you created any new documentation or tracking systems for abstraction?

Briefly walk me through the extraction process.

What kinds of changes, if any, could be made to improve the simplicity of this process? (Simplicity)

What changes, if any, might improve the data quality? (Data quality)

Have you created any new documentation or tracking systems for extraction?

Are there any conditions related to substance use or any relevant medical outcomes that the schemas fail to capture? (Sensitivity)

Resources

What MAT-LINK resources and trainings have been most useful to your team?

Are there additional resources that would be useful to your team?

Representativeness

Do you think the dyads you submit to MAT-LINK are representative of pregnant women with opioid use disorder in your catchment area?

Do you have other sources information on substance use among pregnant women in your catchment area?

Implementation

What do you think would help new sites to implement MAT-LINK? Resources, systems/strategies, etc.

Do you have any additional suggestions for improving MAT-LINK overall?

Interview with MAT-LINK's Initial Funder

Assistant Secretary for Planning and Evaluation, Patient-Centered Outcomes Research Trust
Fund

Could you tell me about ASPE's role and how it related to MAT-LINK?

What do you consider to be the main contributions of MAT-LINK?

What is your vision for MAT-LINK? Will it be a sustained surveillance system?