

The logo for Pennsylvania Perinatal Quality Collaborative (PA PQQC) features the letters 'PA' in white on a blue background that includes a silhouette of the state of Pennsylvania. To the right, the letters 'PQQC' are in a solid blue font. Below the logo, the full name 'Pennsylvania Perinatal Quality Collaborative' is written in a red, sans-serif font.

PA PQQC
Pennsylvania Perinatal Quality Collaborative

SUD & SEN Virtual Meeting
May 25, 2022

Agenda

- 1. Overview of SUD and SEN Initiatives & Review of the January-March 2022 Survey Results** – Robert Ferguson, MPH, Chief Policy Officer, Jewish Healthcare Foundation (JHF)
- 2. Peer-to-Peer Learning Discussion** – Facilitated by Aasta Mehta, MD, MPP, PA PQC Consultant and Advisory Group Co-Chair, and Carol Frazer, LPC, Practice Transformation Specialist, JHF
- 3. Wrap-Up & Next Steps** – Facilitated by Pauline Taylor, Program Specialist, JHF

PA PQC Healthcare Teams

2022 SUD

<https://www.whamglobal.org/pa-pqc-hospitals>

AHN – Forbes Hospital	Geisinger – Wyoming Valley Hospital	Temple Health – Temple University Hospital
AHN – Jefferson Hospital	Holy Redeemer Hospital	Tower Health Medical Group – Reading Hospital
AHN – Saint Vincent Hospital	Main Line Health – Bryn Mawr Hospital	UPMC – Hamot
AHN – West Penn Hospital	Main Line Health – Lankenau Medical Center	UPMC – Magee Womens Hospital
AHN – Wexford Hospital	Main Line Health – Paoli Hospital	Washington Health System
Commonwealth Health – Moses Taylor Hospital	Main Line Health – Riddle Hospital	Wayne Memorial Hospital
Doylestown Hospital	Penn Medicine – Chester County Hospital	WellSpan – Ephrata Community Hospital
Einstein Medical Center Philadelphia	Penn Medicine – Lancaster General/Women and Babies	WellSpan – Gettysburg Hospital
Evangelical Community Hospital	Penn State Health – Milton S. Hershey Medical Center and Children’s Hospital	WellSpan – Good Samaritan Hospital
Geisinger – Bloomsburg Hospital	St. Clair Hospital	WellSpan – Summit Health Chambersburg Hospital
Geisinger – Community Medical Center	St. Luke’s University Health Network – Allentown	WellSpan – York Hospital
Geisinger – Lewistown Hospital	St. Luke’s University Health Network – Anderson	
Geisinger – Medical Center, Danville	St. Luke’s University Health Network – Upper Bucks	

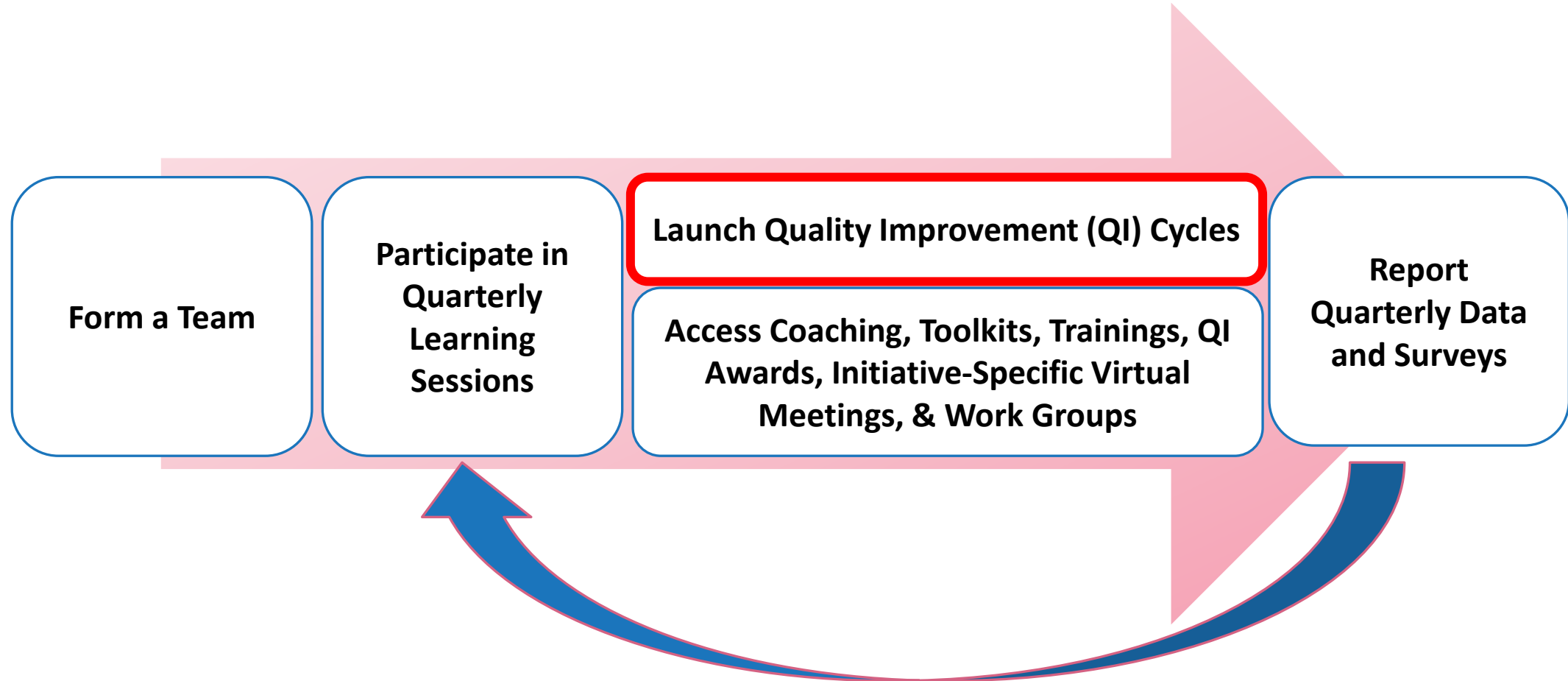
PA PQC Healthcare Teams

2022 SEN

<https://www.whamglobal.org/pa-pqc-hospitals>

AHN – Forbes Hospital	Main Line Health – Riddle Hospital	UPMC – Altoona
AHN – Saint Vincent Hospital	Penn Medicine – Chester County Hospital	UPMC – Hamot
AHN – West Penn Hospital	Penn Medicine – Hospital of the University of Pennsylvania	UPMC – Magee Womens Hospital
Commonwealth Health – Moses Taylor Hospital	Penn Medicine – Lancaster General/Women and Babies	UPMC – Pinnacle Carlisle
Doylestown Hospital	Penn Medicine – Pennsylvania Hospital	UPMC – Pinnacle Harrisburg
Einstein Medical Center Montgomery	Penn State Health – Milton S. Hershey Medical Center and Children’s Hospital	Washington Health System
Einstein Medical Center Philadelphia	St. Clair Hospital	Wayne Memorial Hospital
Evangelical Community Hospital	St. Luke’s University Health Network – Allentown	WellSpan – Ephrata Community Hospital
Geisinger – Bloomsburg Hospital	St. Luke’s University Health Network – Anderson	WellSpan – Gettysburg Hospital
Geisinger – Lewistown Hospital	St. Luke’s University Health Network – Upper Bucks	WellSpan – Good Samaritan Hospital
Jefferson Health – Thomas Jefferson University Hospital	Temple Health – Temple University Hospital	WellSpan – Summit Health Chambersburg Hospital
Lehigh Valley Health Network	Tower Health Medical Group – Reading Hospital	WellSpan – York Hospital

PA PQC Structure and Expectations During the Implementation Period



QI Awards

Milestone 1: Attend the quarterly PA PQC Learning Sessions

Milestone 2: Submit a Quality Improvement (QI) Report Out, showing work related to implementing Key Intervention(s)

Milestone 3: Complete a PA PQC quarterly survey for the initiative

Milestone 4: Submit at least one quarter's worth of aggregated data for a PA PQC process or outcomes measure(s) through the PA PQC Data Portal

Milestone 5: Communicate and celebrate your team's impact!

Due: End of the month that follows each calendar quarter

<https://www.whamglobal.org/pa-pqc-initiatives/criteria-for-quality-improvement-awards>

Structure Measures via Quarterly Survey: SUD and SEN

Full Survey Available Here

<https://www.whamglobal.org/data-collection#PA-PQC-Site-Surveys>

SUD Quarterly Process Measures

<https://www.whamglobal.org/data-collection#PA-PQC-Measurement-Specifications>

screened with validated substance use screen during pregnancy

with delivery in the quarter

with OUD diagnosis during pregnancy

with delivery in the quarter

*Additional reporting by
race/ethnicity annually*

administered a medication for OUD during or after pregnancy

with delivery and OUD diagnosis in the quarter

with postpartum visit 1-84 days after delivery

with delivery at least 84 days ago with OUD

SUD Quarterly Process Measures

<https://www.whamglobal.org/data-collection#PA-PQC-Measurement-Specifications>

screened with validated substance use screen during pregnancy

with delivery in the quarter

received follow-up brief intervention or care up to 30 days

with delivery in the quarter that had a positive substance use screen during pregnancy

Additional reporting by race/ethnicity annually

received follow-up brief intervention or care up to 30 days

with delivery 84 days prior to start/end of month with a positive substance use screen during 84-day post delivery period

received or prescribed Naloxone prior to delivery

with SUD and delivery in the quarter

SEN Quarterly Process & Outcome Measures:

<https://www.whamglobal.org/data-collection#PA-PQC-Measurement-Specifications>

Median hospital length of stay for newborns with NAS

treated with a non-pharm bundle

NAS cases in the quarter

receiving pharmacologic therapy

NAS cases in the quarter

referred to appropriate follow-up services

NAS cases in the quarter

readmitted within 30 days of discharge

NAS cases in the quarter

*Additional annual breakdown for
LOS by treatment type (pharm and
non-pharm)*

*Additional annual reporting by
race/ethnicity*

used ED within 30 days of discharge

NAS cases in the quarter

SUD Survey

January through March 2022

***Has your hospital developed trauma-informed protocols
in the context of substance use?***

14% Yes (in place)

34% No (working on it)

52% No (have not started)

SUD Survey

January through March 2022

Does your hospital provide anti-racist training for providers, staff, and leadership?

66% Yes (in place)

24% No (working on it)

10% No (have not started)

SUD Survey

January through March 2022

Does your hospital provide training for clinical and non-clinical staff on substance use among pregnant and postpartum individuals that also express and address health care team members' biases and stigma related to substance use?

45% Yes (in place)

34% No (working on it)

21% No (have not started)

SUD Survey

January through March 2022

Does your hospital have evidence-based patient education materials focused on substance use in pregnancy and the caregiver's role in Substance Exposed Newborn care?

72% Yes (in place)

28% No (working on it)

0% No (have not started)

SUD Survey

January through March 2022

Does your hospital provide education to pregnant and postpartum people related to naloxone use?

4% Yes (in place)

50% No (working on it)

46% No (have not started)

Resources: <https://www.getnaloxonenow.org/#home>

<https://www.train.org/pa/admin/course/1085469/>

PA Physician General Letter: <https://www.whamglobal.org/papqc>

SUD Survey

January through March 2022

Does your hospital have a system in place to provide naloxone to patients prior to discharge?

0% Yes (in place)

52% No (working on it)

48% No (have not started)

SUD Survey

January through March 2022

Does your site use a validated, self-report screening tool for substance use in pregnancy?

97% Yes (in place)

3% No (working on it)

0% No (have not started)

SUD Survey

January through March 2022

Does your site provide Medications for Opioid Use Disorders (MOUD) for pregnant individuals with OUD?

83% Yes (in place)

3% No (working on it)

14% No (have not started)

SUD Survey

January through March 2022

Has your hospital developed referral relationships with any SUD treatment services in your area/county?

100% Yes (in place)

0% No (working on it)

0% No (have not started)

SUD Survey

January through March 2022

Has your site established specific prenatal, intrapartum, and postpartum care pathways (algorithms) for substance use that facilitate coordination among multiple providers during pregnancy and the year that follows?

55% Yes (in place)

24% No (working on it)

21% No (have not started)

SUD Survey

January through March 2022

Has your hospital implemented post-delivery and discharge pain management prescribing guidelines for all vaginal and cesarean births focused on limiting opioid prescriptions?

82% Yes (in place)

14% No (working on it)

4% No (have not started)

SUD Survey

January through March 2022

Has your hospital implemented specific pain management and opioid prescribing guidelines for vaginal and cesarean births for patients with OUD?

41% Yes (in place)

17% No (working on it)

41% No (have not started)

SEN Survey

January through March 2022

Does your PA PQC hospital have quality improvement efforts in place to increase and maintain inter-rater reliability for NAS assessments?

59% Yes (in place)

28% No (working on it)

14% No (have not started)

SEN Survey

January through March 2022

Is your hospital using standardized definitions for Substance Exposed Newborns (SENs)?

38% Yes (in place)

52% No (working on it)

10% No (have not started)

SEN Survey

January through March 2022

Is your hospital using standardized definitions for Neonatal Abstinence Syndrome (NAS)?

59% Yes and we use the "confirmed" and "probable" case definitions for NAS defined in the Council of State and Territorial Epidemiologists' (CSTE) NAS Standardize Case Definition and used by PA DOH (please see the Tier 1 Confirmed and Probable NAS case definitions on pages 7 and 8 at CSTE Case Definition and please see PA DOH's NAS FAQ

17% Yes, but we use a different standardized case definition for NAS

21% No (working on it)

3% No (have not started)

SEN Survey

January through March 2022

Does your hospital have a standardized process in place for assigning a standardized list of ICD-10 diagnosis codes for an infant diagnosed with NAS?

72% Yes, in place

14% No (working on it)

14% No (have not started)

P96.1 - 100.00%

P04.14 - 81.82%

P04.17 - 50.00%

P04.1A - 50.00%

SEN Survey

January through March 2022

Has your hospital established breastmilk feeding guidelines and parameters based on national guidelines for parents with SUD (including OUD) and caregivers, **AND** does your hospital's guideline support breastfeeding among mothers who are taking prescribed medications for OUD without contraindications for breastfeeding?

76% Yes, in place

14% No (working on it)

10% No (have not started)

SEN Survey

January through March 2022

Does your hospital have standardized pharmacologic treatment protocols for NAS?

93% Yes, in place

3% No (working on it)

3% No (have not started)

SEN Survey

January through March 2022

Does your hospital have standardized non-pharmacologic treatment protocols for NAS?

100% Yes, in place

0% No (working on it)

0% No (have not started)

Rooming in
83.87%

Parent/caregiver presence
96.77%

Skin-to-skin contact
96.77%

Holding by parent/caregiver/cuddler to help calm infant and aid in sleep
96.77%

Safe and effective swaddling
100.00%

Optimal feeding
96.77%

Non-nutritive sucking
96.77%

Quiet, low light environment
96.77%

Rhythmic movement
93.55%

Additional help/support in room
80.65%

Limiting number of visitors and duration of visits to minimize disruptions in infant's care environment and sleep
87.10%

Clustering care and assessments with infant's awake times
100.00%

Safe sleep/fall prevention
96.77%

Parent/caregiver self-care and rest
80.65%

SEN Survey

January through March 2022

Has your newborn care team (providers, nurses, and social workers) been educated on the criteria for Plans of Safe Care, their role in establishing and initiating the Plans of Safe Care, and how to explain it to families in accordance with your hospital's, county's, and state's guidelines and policies?

72% Yes, policies and education completed

28% No (working on it)

0% No (have not started)

SEN Survey

January through March 2022

Has your newborn care team been educated on the criteria, protocols, and best practices for referring substance-exposed newborns and families to post-discharge services and supports?

79% Yes, policies and education completed

21% No, working on it

0% No, have not started

SEN Survey

January through March 2022

Has your neonatal care team (providers, nurses, and social workers) created a protocol for closing the loop on the referral status with the post-discharge services and supports?

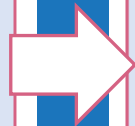
25% Yes, in place

32% No, working on it

43% No, have not started

What key messages do your providers use when offering feedback and education to patients in response to a positive screen?

Screen all pregnant and postpartum individuals for substance use and co-occurring needs

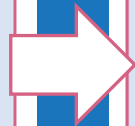


Follow-up on all positive substance use screens

- Offer feedback, education, and goal-setting through brief interventions for all individuals who screen positive on substance use screens*
- Establish clear protocols based on clinical criteria for when drug urine tests are indicated and obtain informed patient consent for urine toxicology prior to testing*

If you are testing for substance use with consent after the universal screening process, what clinical criteria are you using to determine when to administer the tests for clinical care and treatment purposes?

Screen all pregnant and postpartum individuals for substance use and co-occurring needs



Follow-up on all positive substance use screens

- Offer feedback, education, and goal-setting through brief interventions for all individuals who screen positive on substance use screens*
- Establish clear protocols based on clinical criteria for when drug urine tests are indicated and obtain informed patient consent for urine toxicology prior to testing*

What is your process in the inpatient and/or outpatient setting for forming a multi-disciplinary team to coordinate services for maternal substance use? What are the roles of this multi-disciplinary team?

How is the newborn team also involved in making referrals to appropriate follow-up services prior to discharge?

Form a **Multi-Disciplinary Team**

- Engage appropriate partners to assist pregnant and postpartum people and families in the development of family care plans, starting in the prenatal setting
- Establish a multidisciplinary care team to provide coordinated clinical pathways for individuals experiencing SUD

Support **Engagement in Family Care Plans**

- Refer SENs to appropriate follow-up services prior to discharge, including but not limited to Early Intervention (EI) Services, lactation support, and home visits, and close the loop on those referrals
- Follow-up with outpatient providers to ensure that the family care plans are adopted and engagement in outpatient care
- Follow the dyad for up to 15 months

What are your team's prenatal, inpatient, or postpartum protocols to provide, and even co-prescribe, Naloxone prior to discharge for at risk populations (e.g., for those with SUD)?

What challenges have you experienced with implementing these protocols? What has worked well in your experience?

Equip patients/families with resources to **save lives**

- Establish policies and protocols to provide Naloxone to anyone who may witness an overdose*

Learning Sessions & SUD/SEN Virtual Meetings

<https://www.whamglobal.org/member-content/register-for-sessions>

Quarterly Learning Sessions

- June 30
- September 14
- December 14

SUD/SEN Virtual Meetings

- July 13 11am to 12pm
- August 10 11am to 12pm
- October 20 11am to 12pm
- November 9 11am to 12pm

Meeting materials will be posted here

<https://www.whamglobal.org/member-content/materials-from-sessions/past-key-intervention-webinars/sud-oud-sen-and-nas-virtual-meetings>