PA PQC NWPA Regional Meeting
June 22, 2023
Continuing Education Information

In support of improving patient care, this activity has been planned and implemented by the University of Pittsburgh and The Jewish Healthcare Foundation. The University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME) and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team. 2.0 hours are approved for this course.

As a Jointly Accredited Organization, University of Pittsburgh is approved to offer social work continuing education by the Association of Social Work Boards’ (ASWB) Approved Continuing Education (ACE) program. Organizations, not individual courses, are approved under this program. State and provincial regulatory boards have the final authority to determine whether an individual course may be accepted for continuing education credit. University of Pittsburgh maintains responsibility for this course. Social workers completing this course receive 2.0 continuing education credits.
Disclosures

No members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships with any entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients to disclose.
Disclaimer

The information presented at this Center for Continuing Education in Health Sciences program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC / University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.
Agenda

1. **Introduction: Regional Needs Related to NAS and Pregnancy-Associated Deaths and Session Objectives** – Robert Ferguson, MPH, Chief Policy Officer, Jewish Healthcare Foundation


3. **Panel: Spotlight on Northwest Community Activities** – Facilitated by Pauline Taylor, CQIA
   - Lisa Herrmann Bradley, Program Director, Gaudenzia
   - Erika Pluta, MSW, Social Worker, Saint Vincent Hospital, AHN

4. **Discussion: Community Services and Supports** – Co-Facilitated by Robert Ferguson, MPH, Jennifer Condel, SCT(ASCP)MT, Lean Healthcare Manager, Jewish Healthcare Foundation

5. **Wrap-up and Next Steps** – Pauline Taylor, CQIA
Pre-Meeting Email sent Friday 6/16

June 22 Northwest PA Regional Virtual Session Agenda & Logistics

Thank you for registering for the PA PQC’s Northwest PA Regional Virtual Session on Thursday, June 22 from 10:00 a.m. to 12:00 p.m. via Zoom.

The agenda is provided below. During this meeting, we will hear from Healthcare Teams in the region about their quality improvement plans for the current implementation period (April 2023 - March 2024). Additionally, we will have a panel discussion on healthcare topics that have a significant impact on neonatal outcomes.

PA PQC Website

Materials from June 22nd 2023 Northwest PA Regional Meeting

- Agenda
- Community Resources Brief
- PA PQC Brief
- PA PQC Registrant List
- NWPA PA PQC Health Care Team Key Interventions
- SUD Confidentiality Laws and Regulations
- Pregnancy-Associated Deaths in PA
- NAS Report
Learning Objectives

- Describe the needs, goals, and community resources to improve care for pregnant/postpartum individuals with substance use and substance-exposed newborns.

- Discuss how different settings of care can collaborate and engage individuals and families in comprehensive services.
PA PQC Introduction &
Regional Needs Related to NAS and
Pregnancy-Associated Deaths

ROBERT FERGUSON, MPH
- AHN St. Vincent Hospital (SUD & SEN)
- Meadville Medical Center (SUD)
- Penn Highlands Dubois (SEN)
- Punxsutawney Area Hospital (SUD)
- UPMC Hamot (SUD, SEN, & IPLARC)
- UPMC Horizon (SUD, SEN, & IPLARC)
- UPMC Northwest (SUD)

Northwest PA Birthing Hospitals

© 2023 JHF, PRHI & WHAMglobal
Examples of PA PQC Healthcare Team Improvements across PA

Substance-Exposed Newborns

- **100%** of SEN teams reported use of non-pharmacologic protocols for NAS
  - **76%** of newborns with NAS received non-pharm treatment

- **79%** of newborns with NAS were referred to appropriate follow-up services

Maternal Substance Use

- **92%** of SUD teams reported using a validated screening tool for substance use in pregnancy
  - **87%** of pregnant individuals screened for substance use with a validated screen

- **77%** of SUD teams reported they have protocols in place to provide brief interventions

- **82%** of SUD teams reported they are providing medications for OUD for pregnant individuals
Why We are Here Today

**Figure 11.** Leading Causes of Pregnancy-Associated Deaths in Pennsylvania, 2013 – 2018 (N=547)
- Neoplasm: 13 (2%)
- Other symptom, sign and lab abnormality: 14 (3%)
- Circulatory System: 24 (5%)
- Indirect OB Deaths: 27 (5%)
- Intentional Self-harm: 41 (8%)
- Assault: 44 (8%)
- Transportation Accident: 55 (10%)
- Other Pregnancy related: 62 (11%)
- Direct OB Deaths: 72 (13%)
- Accidental Poisoning: 162 (30%)

**Figure 9.** Distribution of Pregnancy-Associated Deaths by Time Between Pregnancy and Death in Pennsylvania, 2013 – 2018 (N=536)
- Pregnant: 126, 24%
- 43 to 365 days postpartum: 313, 58%
- End of pregnancy to 42 days postpartum: 97, 18%

Data source: DOH Bureau of Health Statistics & Registries

© 2023 JHF, PRHI & WHAMglobal
Why We are Here Today

Causes for UPMC Maternal Deaths 2019-2022 (N=26)

- 11 SUD/OVERDOSE
- 4 EMBOLIC THROMBOPIC
- 3 PULMONARY
- 2 COVID
- 2 MENTAL HEALTH
- 2 INFECTION/SEPSIS
- 1 AFE
- 1 CARDIOMYOPATHY
- 1 UNKNOWN

Timing of Death

- 62% During Pregnancy
- 23% During delivery up to 1 week afterward
- 15% 1 week to 1 year after delivery

UPMC Maternal Mortality Review Cases, by year

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
<th>White</th>
<th>Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>36.8</td>
<td>42.0</td>
<td>38.7</td>
</tr>
<tr>
<td>2020</td>
<td>29.0</td>
<td>26.8</td>
<td>51.5</td>
</tr>
<tr>
<td>2021</td>
<td>76.6</td>
<td>72.1</td>
<td>139.2</td>
</tr>
<tr>
<td>2022</td>
<td>55.6</td>
<td>54.9</td>
<td>93.9</td>
</tr>
</tbody>
</table>

UPMC Magee-Womens’ Poster at the PA PQC Annual Meeting, “Call to Action: Establishing a System-Level Maternal Mortality Review”
Why We are Here Today

Map 3. Neonatal abstinence syndrome (NAS) incidence rate per 1,000 live births by county of maternal residence

Map 4. Neonatal abstinence syndrome (NAS) incidence rate per 1,000 live births by region of maternal residence

PA DOH 2020 NAS Reports using the CSTE Standardized Case Definition
Why We are Here Today

- Non-Hispanic black birthing people were less likely to initiate prenatal care (76.27% vs. 85.85%) or receive MAT during pregnancy (33.9% vs. 60.19%) than non-Hispanic white birthing people.

- Hospital staff indicated a Plan of Safe Care was initiated for 56% of newborns with NAS.

**NAS Referrals:**
- 31% to pediatricians experienced with NAS
- 25% to EI services
- 22% to home visiting services
- 13% to developmental assessment clinics
- 3% to medical homes

**Maternal Referrals:**
- 51% to other (WIC, Children and Youth, care management, and addiction/pain treatment services) and unknown
- 48% to MAT
- 10% to substance use care
- 8% to community support programs
- 7% to home visiting services
- 6% to parenting support
- 5% to other behavioral health services

*PA DOH 2020 NAS Reports using the CSTE Standardized Case Definition*
Examples of PA PQC Objectives for April 2023 through March 2024

Substance-Exposed Newborns

- Increase the percent of newborns with NAS who were referred to appropriate follow-up services at discharge from 85% to 95% (impacting at least 350 newborns per year)
- Increase the percent of hospitals with a protocol to close the loop on the referral status with the post-discharge services and supports from 30% to 50%

Maternal Substance Use

- Increase the percent of hospitals with a system in place to provide naloxone to at risk patients prior discharge from 8% to 30%
- Increase the percent of hospitals from 60% to 70% with established perinatal care pathways for SUD that coordinate services across multiple providers up to 1 year postpartum
Thank You for Joining!

<table>
<thead>
<tr>
<th>State Agencies</th>
<th>Single County Authorities</th>
<th>AOD &amp; Centers of Excellence</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA Dept of Human Services</td>
<td>AICDAC</td>
<td>Gaudenzia</td>
</tr>
<tr>
<td>PA Dept of Health</td>
<td>Mercer County Behavioral Health Commission</td>
<td>ADAS</td>
</tr>
<tr>
<td></td>
<td>Crawford County Drug &amp; Alcohol Executive Commission</td>
<td>Crossroads Treatment Centers</td>
</tr>
<tr>
<td>County Offices</td>
<td>Alcohol &amp; Drug Abuse Services</td>
<td></td>
</tr>
<tr>
<td>Potter County Human Services</td>
<td>Forest/Warren Drug &amp; Alcohol Program</td>
<td></td>
</tr>
<tr>
<td>Erie County Dept of Health</td>
<td>Potter County Drug &amp; Alcohol Dept</td>
<td></td>
</tr>
<tr>
<td>Crawford County Human Services</td>
<td>Erie County Drug &amp; Alcohol Abuse</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Thank You for Joining!

**Family Services**
- CenClear
- Lifesteps
- Jefferson-Clarion Head Start
- Erie Family Center
- Families First Head Start
- Parents as Teachers

**Community Health Centers**
- The Guidance Center
- Community Health Net

**Child Advocacy**
- PA Child Welfare Resource Center

**Domestic Violence Services**
- SafeNet Erie
- My Safe Journey

**Community Services**
- Service Access & Management
- Community Services of Venango County
- Northwest PA AHEC
- Fayette County Community Network Team
Two Quick Updates that May Come Up

The PA Navigate statewide platform for connecting patients to social services is being implemented through the PA HIEs, with functionality to close the loop.

SUD Confidentiality Laws in PA were updated in July 2022, aligning with the federal “42 CFR Part 2” regulations.
PA PQC Health Teams: 2023-2024 Quality Improvement Goals

FACILITATED BY PAULINE TAYLOR
When thinking about the **whole person needs** of the pregnant/postpartum individuals with substance use and substance-exposed newborns you care for, **what goals is your PA PQC Healthcare Team prioritizing for April through March?**

To inform your work on these goals, what would you like to know from the community partners?
Examples of PA PQC Healthcare Teams Collaborating with Community Organizations

FACILITED BY PAULINE TAYLOR
Collaboration with Recovery Facility for the Benefit of the Maternal/Neonatal Dyad:

Lisa Herrmann Bradley, Program Director, Gaudenzia

Erika Pluta, MSW, Social Worker, Saint Vincent Hospital, AHN
Discussion: Community Services & Supports

FACILITATED BY JENNIFER CONDEL & ROBERT FERGUSON
What guidance do you have for the PA PQC Healthcare Teams?

Based on the needs of pregnant/postpartum individuals with substance use and substance-exposed newborns, what processes have worked well to engage individuals in your services?
Wrap-Up

PAULINE TAYLOR
Focus Areas: April 2023 - March 2024

Maternal substance use, substance-exposed newborns, and immediate postpartum long-acting reversible contraception (LARC), with a theme around the continuum of care. Each focus area includes strategies and goals to reduce racial/ethnic disparities.

Learn about the Initiatives

Access Session Materials

Register for Other Regional Sessions to hear what’s happening across PA
PA PQC QI Coaches Can Support Connections Between PA PQC Community Partners and Birth Hospitals

Robert Ferguson, MPH
Chief Policy Officer
Ferguson@jhf.org
AHN St. Vincent Hospital

Jennifer Condel, SCT(ASCP)MT
Manager, Lean Healthcare Strategy and Implementation
Jcondel@prhi.org
Punxsutawney Area Hospital

Pauline Taylor, CQIA
Program Specialist
Taylor@jhf.org
UPMC Birth Hospitals
Meadville Medical Center
Penn Highlands Dubois
1. **PLEASE** complete the electronic evaluations by Thursday, June 29th: →
   https://www.surveymonkey.com/r/VTGRND8

2. Please indicate on the evaluation which CEUs you are requesting: CME, CNE or Social Worker credits.

3. The UPMC Center for Continuing Education will follow up with you, via email, after Thursday, June 29th to notify you about how you can claim your credits.

   - To prepare, we recommend you create an account with UPMC CCE via this website https://cce.upmc.com.
Thank You!

www.papqc.org
papqc@whamglobal.org