PNQIN AIM Opioid Use Disorder in Pregnancy Webinar Series

December 15, 2020 Webinar 6



Monthly Agenda Overview

- 12:00 12:05: Welcome/ Introductions
- 12:05 12:15: Updates from the teams on QI projects + collaborative
- 12:15 12:30: Brief QI teaching
- Wendy Timpson, MD Understanding Run Charts
- 12:30 12:55: Guest Topics: 20 min presentation + 5 mins for questions
- Latisha Goullaud, Peer Recovery Coach Centering the Patient Voice in OUD Care
- 12:55 1:00: Closing/ Final Comments



Webinar Housekeeping

- We will take attendance in the chat box each month please comment with your name and hospital
- Please mute yourselves unless you would like to contribute to the conversation or ask a question
- Utilize the "raise hand" feature or chat box to speak
- We will record this session and upload the recording and webinar slides to our website after the call
- We welcome feedback about the webinar content and structure!
- Please participate! We want this webinar to be helpful and collaborative!

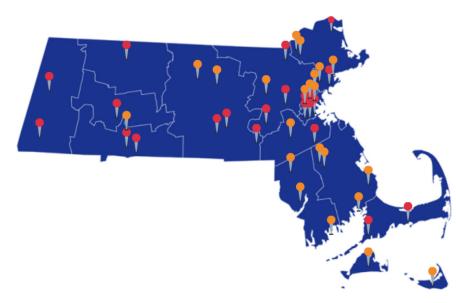


PNQIN AIM Wave 2 - Who's on the Line?

Beth Israel Deaconess Plymouth **Beverly Hospital Brockton Hospital** Cambridge Hospital/CHA **Charlton Memorial Hospital Emerson Hospital** Good Samaritan Medical Center Health Alliance Hospital **Heywood Hospital** Holy Family Hospital Holyoke Medical Center Lawrence General Hospital Martha's Vineyard Hospital Melrose-Wakefield Hospital

Mount Auburn Hospital Nantucket Cottage Hospital Norwood Hospital St. Elizabeth's Medical Center St. Luke's Hospital **Sturdy Memorial Hospital Tobey Hospital** Winchester Hospital

Closed OB permanently Closed OB temporarily



PNQIN AIM OUD Wave 2 Targeted Hospitals

Holy Family Hospital

Mount Auburn Hospital

Beth Israel Deaconess Plymouth
 Heywood Hospital

Beverly Hospital

- Brockton Hospital
- Cambridge Hospital/CHA
- Charlton Memorial Hospital
- Emerson Hospital
- Good Samaritan Medical Center
- Health Alliance Hospital

- Norwood Hospital
- St. Elizabeth's Medical Holyoke Medical Center
 - Center
- Lawrence General Hospital St. Luke's Hospital Martha's Vineyard Hospital Sturdy Memorial
- Melrose- Wakefield Hospita Hospital
 - Tobey Hospital
- Nantucket Cottage Hospital
 Winchester Hospital



PERINATAL-NEONATAL QUALITY IMPROVEMENT NETWORK OF MASSACHUSETTS

PNQIN Perinatal Opioid Project Leadership Team

PNQIN

- Fifi Diop (DPH) Grant Primary Investigator
- Audra Meadows (BWH)
- Ron Iverson (BMC)
- Munish Gupta (BIDMC)
- Kali Vitek (BMC)

Neonatal Folks

- Elisha Wachman (BMC)
- Larry Rhein (UMass)
- Rachana Singh (Baystate)
- Davida Schiff (MGH)
- Alan Picarillo (Maine)
- Eileen Costello (BMC)

Maternal Folks

- Katherine Callaghan (UMass)
- Leena Mittal (MCPAP for Moms)
- Laura Sternberger (Moms Do Care)
- Nicole Smith (BWH)
- Donna Jackson-Kohlin (Baystate)
- Linda Jablonski (Baystate)

Academic and Organizational Partners

- Patrice Melvin (BCH)
- Karla Damus (BU)
- Christina Gebel (Accompany Doula Care)

State Partners

- Fifi Diop (DPH and PI of PNQIN Grant)
- Griffin Jones (HPC)
- Michael Kelleher (OHHS)
- Debra Bercuvitz (DPH)
- Abby Taylor (AGO)
- Karen Pressman (BSAS)
- Julia Reddy (BSAS)
- Mary Lutz (DCF)
- Alissa Cruz (MassBIRT)
- Colleen Labelle (BMC)
- Julia Prentice (BLC)
- Natalia Ciesielska (BLC)

Families

- Patricia McDonnell (Baystate)
- Julie Maida
- Meghann Perry
- Cieara McManus (Moms Do Care)



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Announcements

- Zoom recordings and slides from the PNQIN Fall 2020 Summit can be found here, using the password "PNQIN": <u>https://www.pnqinma.org/pop-fall-summit-2020-</u> resources
 - We are continuously updating the "Chat Box" Q&A section with answers from our speakers
- We hope to have the online stigma, bias, and trauma-informed care training on the PNQIN website soon! There will be an email announcement when it is ready to go.
- Keep on an eye out for a Memorandum of Understanding (BLC) these <u>must</u> be signed and returned in order to start collecting site data
 - Goal date to send MOU: January 1st, 2021



New "News & Announcements" page on MPQC website!

This week: DPH Racial Equity Data Road Map is here!

https://www.mass.gov/service-details/racial-equity-data-road-map



December 7th, 2020: DPH Racial Equity Data Road Map is here!

This innovative tool was shared with the PNQIN community during Day 2 of our Fall 2020 Perinatal Opioid Project Summit on November 18th, 2020. From the DPH website: "The Racial Equity Data Road Map is a tool toward eliminating structural racism. It's a collection of guiding questions, tools, and resources to assist programs in taking concrete steps to better identify, understand, and act to address racial inequities."

Click <u>here</u> to download a PDF or DOCX of the road map tool and overview. Feel free to email <u>RESPIT@mass.gov</u> for additional details or with questions.

November 23rd, 2020: PNQIN Highlighted in NICHQ MA Case Study

PNQIN was mentioned in a recent report from the National Institute for Children's Health Quality (NICHQ) entitled: "Massachusetts's Efforts to Reduce Preterm Birth Rates: A Case Study Developed from NICHQ's Exploring State-Level Strategies to Improve Maternal Health and Birth Outcomes Initiative.

Check out the case study here!



PERINATAL-NEONATAL QUALITY IMPROVEMENT NETWORK OF MASSACHUSETTS

Available Trainings/Events

- ASAM/ACOG's Buprenorphine Waiver Trainings
 - Upcoming dates: December 18th 2020, January 8th, 22nd, and 25th 2021
 - Register: <u>https://www.asam.org/education/live-online-cme/waiver-qualifying-training/ob-gyn-trainigyn-training/ob-gyn-trainigyn-training/ob-gyn-training/ob-gyn-t</u>

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- MAT Waiver training for Advanced Practice Registered Nurses is offered by Providers Clinical Support System for <u>free!</u>
 - CE credits available
 - Register: <u>https://pcssnow.org/medications-for-addiction-treatment/waiver-training-for-nurses/</u>



SBIRT (Screening, Brief Intervention, and Referral to Treatment) Training through MASBIRT

- "MASBIRT TTA aims to establish SBIRT practice as a standard of care in diverse healthcare settings throughout Massachusetts by providing implementation and sustainability guidance, along with skills training and coaching for all levels of clinical and administrative personnel. MASBIRT TTA uses diverse teaching methods and provides ongoing technical assistance, troubleshooting, and coaching."
- Virtual, 1-hour training that fit into regular meeting times (training team can offer multiple sessions)
 - Sign up: contact Alex Heinz at <u>Alexandra.Heinz@bmc.org</u>



SPEAK UP Champions[©] Implicit and Explicit Racial Bias Education

- January 20th & 27th, 2021 from 12:30 4:30pm ET (both days)
- This education is **free** to Perinatal Professionals in Massachusetts!
- 8 hours of live virtual interactive learning that outlines quality improvement strategies to support individuals and groups with dismantling racism, providing quality equitable care, and reducing health disparities.
 - 5.75 CNE contact hours (CME credits approval pending)
- Please register by December 31st, 2020 so that PQI can mail your workbook in time: <u>https://www.perinatalqi.org/events/register.aspx?id=1436555</u>



Team Updates/Check-In



PERINATAL-NEONATAL QUALITY IMPROVEMENT NETWORK OF MASSACHUSETTS

• Over the last month:

- Created and sent out a survey asking about provider attitudes towards breastfeeding and psychiatric medication use
- Survey sent to all RNs, OB providers, neonatologists and pediatricians
- <u>Project goal</u> = to develop a standardized process to determine which patients are eligible to breastfeed and develop ways in which we can collectively help to contribute to their breastfeeding success both during their inpatient stay and thereafter
- Over 80 responses so far (the survey due date is 12/22/20)
- Questions for the group: We are still trying to figure out a way to implement the 5Ps (appears more like an outpatient tool vs. inpatient). Our challenge is that we have a substance abuse screening tool already built in EPIC that we cannot manipulate. We are wondering what other organizations with EPIC are doing to meet this recommendation. Thank you!



Southcoast Hospitals (Charlton Memorial & St. Luke's)

- Over the last month, we have worked on: Evaluating Universal Screening tools for use in offices and triage.
- Questions for the group: What universal tool are you using? Are you using EPIC as your EMR? What were barriers to implementing it?



Date/QI Topic

7/21/20	OUD Bundle Components Overview & Stakeholders
8/18/20	Developing a Project AIM
9/15/20	Measures for Improvement
10/20/20	Key Driver Diagram
11/24/20	Developing Interventions
12/15/20	Understanding Run Charts
1/19/21	Understanding Data Control Charts
2/16/21	Using the PDSA Cycle
3/16/21	PDSA: Making Adjustments
4/20/21	Scale and Spread Up
5/18/21	Sustainability



QI Teaching: Understanding Run Charts

Wendy Timpson, MD Beth Israel Deaconess Medical Center <u>wtimpson@bidmc.harvard.edu</u>



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Using Run Charts to Measure Progress

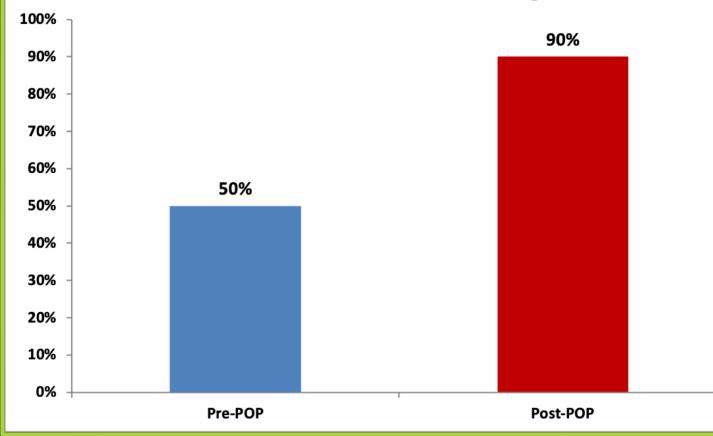
WENDY TIMPSON, MD, MED BETH ISRAEL NEONATOLOGY

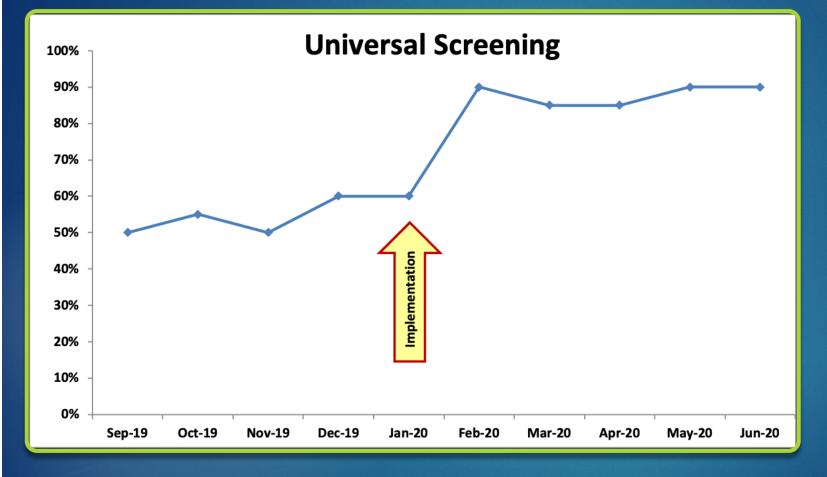
> PNQIN POP WEBINAR DECEMBER 15, 2020

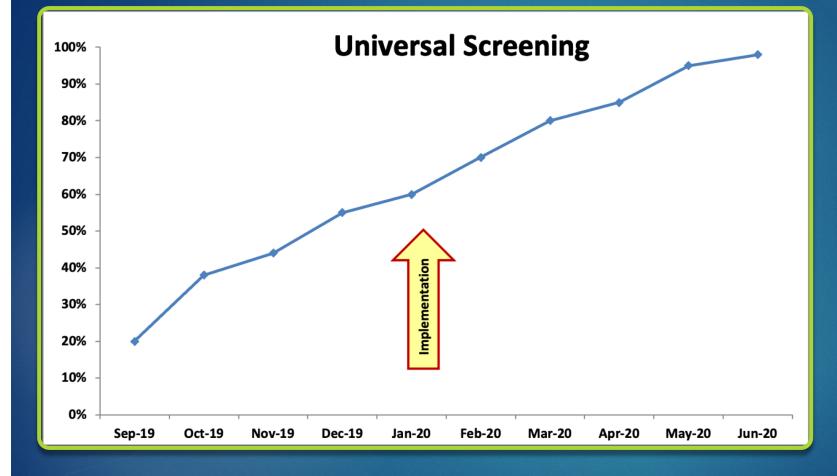
Today's Goals

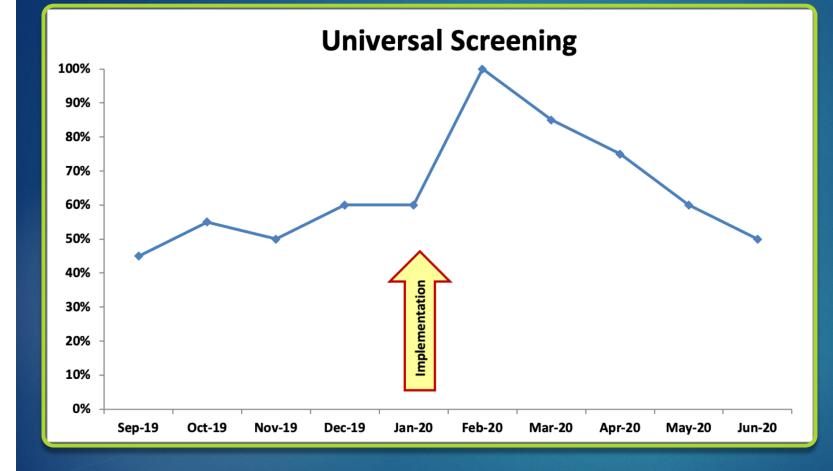
- Look at data over time
- Identify variation in your data
- Create run charts
- Determine what your data tells you about your project

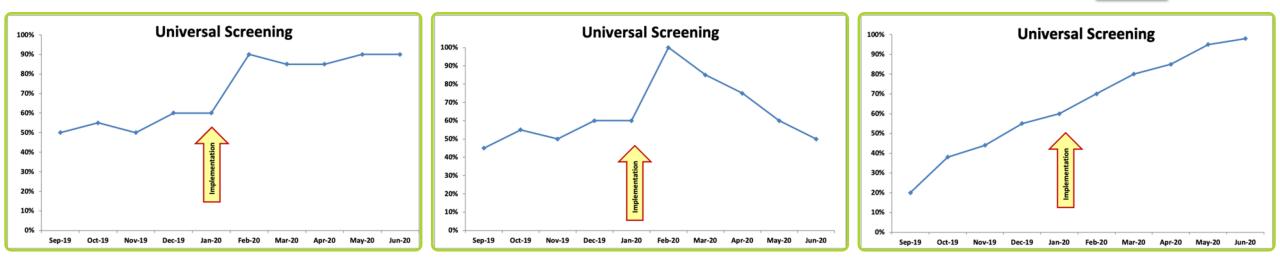
Universal Screening











Same data. 3 different stories.

Variation tells us about our system



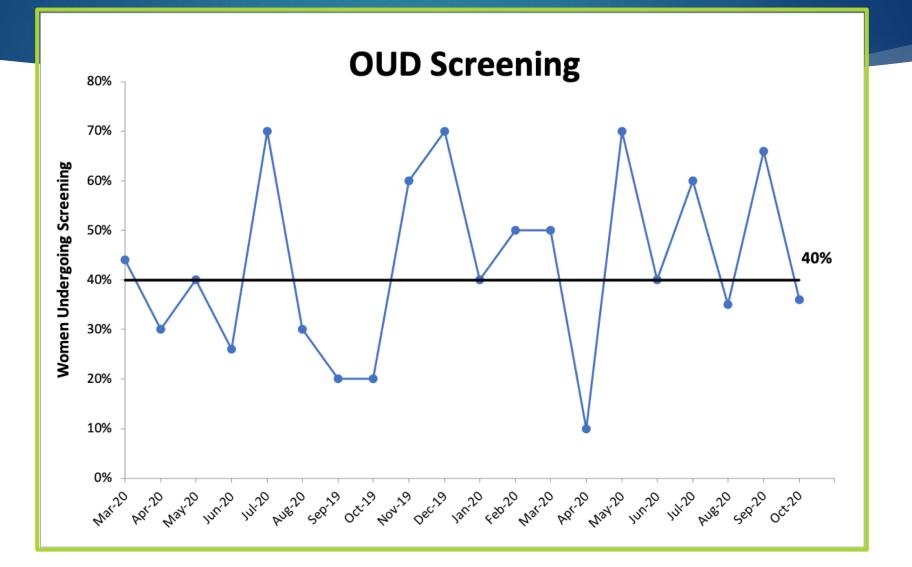




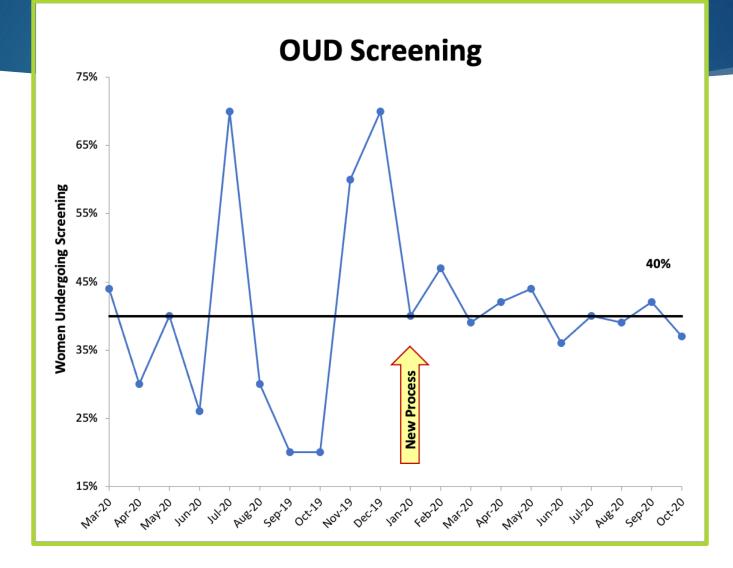


Stable vs. Unstable

Variation: Stable vs. Unstable



Variation: Stable vs. Unstable



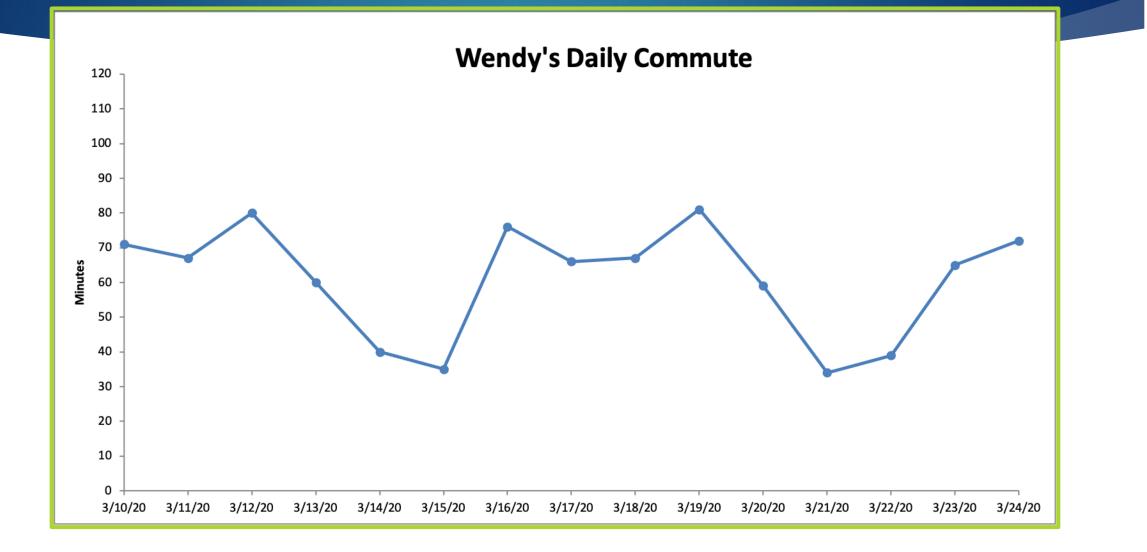
Variation tells us about our system

- Random variation
 Common Cause
 Natural Patterns
 Usual, historical
- Non-random variation
 Special Cause
 Unusual, not previously observed

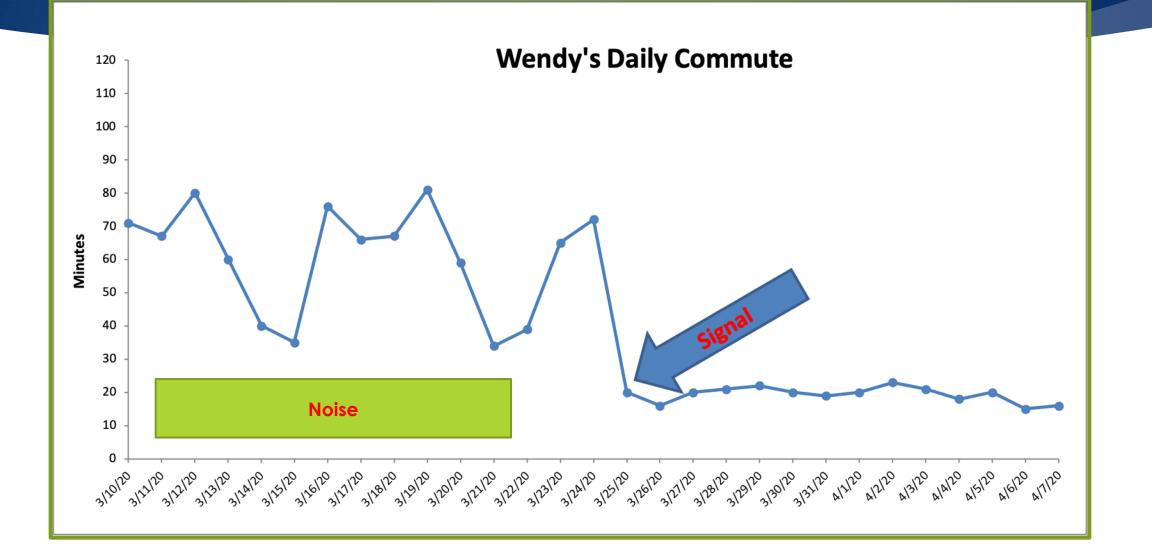




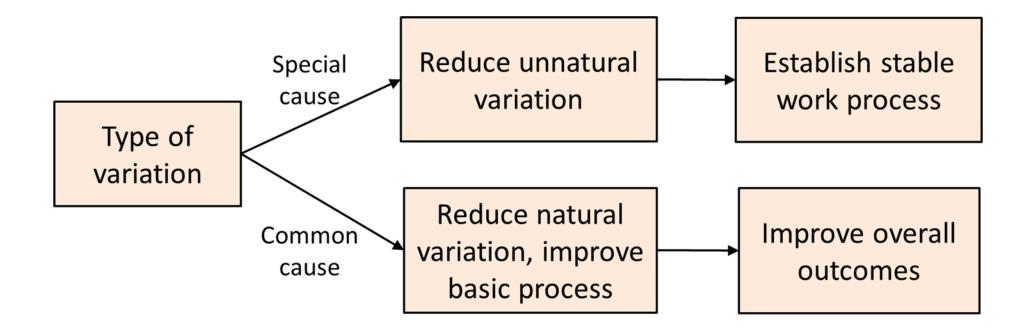
Variation: Common Cause



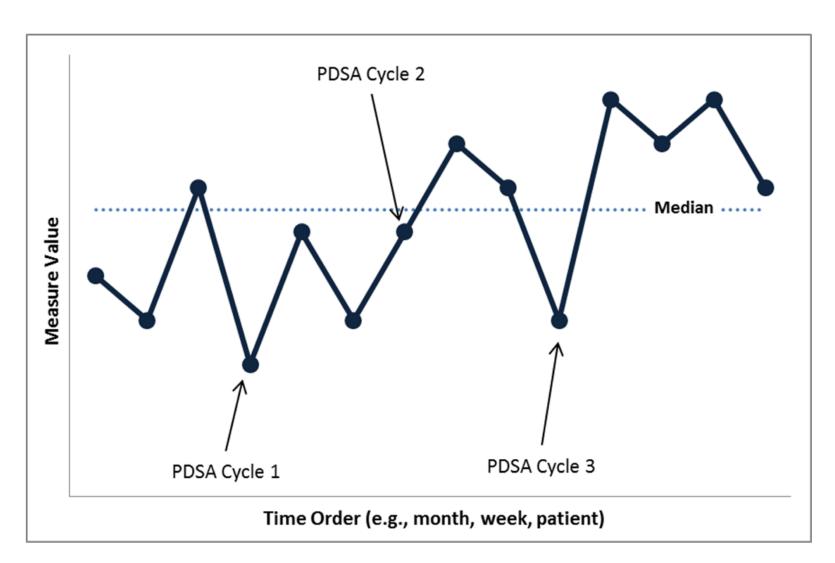
Variation: Special Cause



Why does it matter?



Gupta and Kaplan, Clinics in Perinatology, 2017



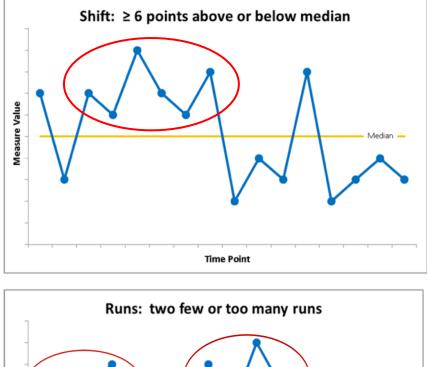
What are Run Charts anyway?

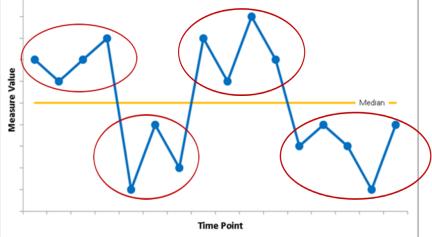
Run Charts: You can do it!

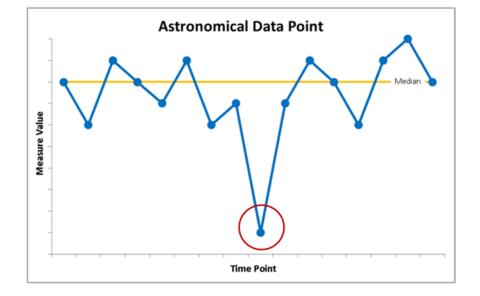
Plot data as soon as you have it

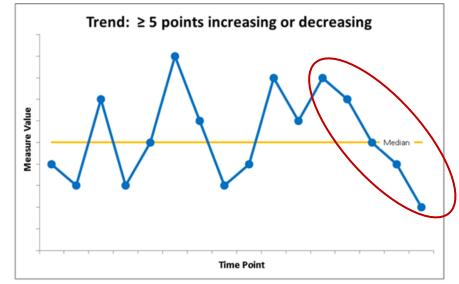
- Use random sampling for relatively common outcomes
- Calculate and adjust median until you have 10 data points
- After that, use probability-based rules

What ARE probability-based rules?









Perla et al, BMJ Qual Safety, 2011

Run Charts: What do we do with signals?

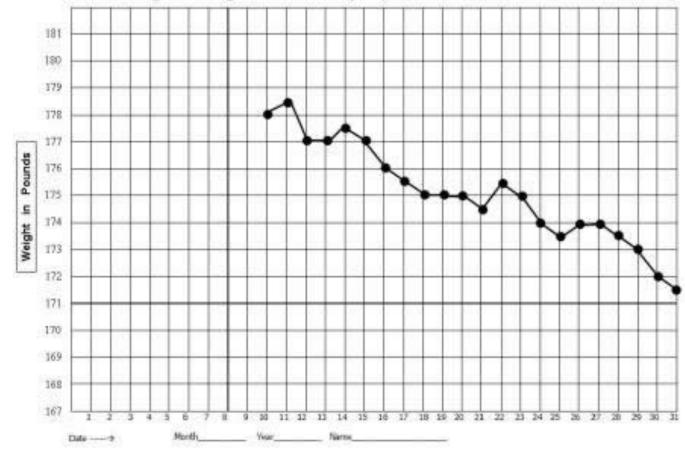
Opportunity to learn about your system

Could be evidence that something has gotten better....or worse

Take Home

- Minimum standard for good QI
- Simple to make
- Start with a few data points
- After 10 use rules
- Annotate your PDSAs
- Use in real time







Gupta, M, and H Kaplan, Using Statistical Process Control to Drive Improvement in Neonatal Care: A Practical Introduction to Control Charts. Clinics in Perinatology, 2017. 44:627-644.

Langley, G.J., R.D. Moen, K.M. Nolan, T.W. Nolan, C.L. Normal, and L.P. Provost, <u>The Improvement</u> <u>Guide</u>. 2nd ed. 2009, San Francisco, CA: Jossey-Bass. 490 p.

Perla, R.J., L.P. Provost, and S.K. Murray, The run chart: a simple analytical tool for learning from variation in healthcare processes. *BMJ Qual Saf*, 2011. 20(1): p. 46-51.

Provost, L.P. and S.K. Murray, <u>The Health Care Data Guide: Learning From Data for Improvement</u>. 1st ed. 2011, San Francisco, CA: Jossey-Bass. p. 445

Date/Guest Speaker Topic

- 7/21/20 OUD Screening Options
- 8/18/20 Plans of Safe Care
- 9/15/20 Caring for Patients with OUD
- 10/20/20 Linkages to Care
- 11/24/20 Equity Considerations in OUD care
- 12/15/20 Centering Patient Voice
- 1/19/21 OUD SMM Data
- 2/16/21 Early Head Start
- 3/16/21 MAT
- 4/20/21 Pain Relief During Pregnancy, Labor, Surgery & Post-op
- 5/18/21 SBIRT Check-in



Guest Topics: Centering Patient Voice in OUD Care

Latisha Goullaud Peer Recovery Coach (Moms Do Care) Lynn Community Health Center



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Closing Thoughts

Next webinar is Tuesday, January 19th, 2020 from 12-1pm ET

- **QI Topic:** Understanding Data Control Charts
- Guest Topic: OUD SMM Data

Reminders:

Please complete your summit evaluations for Continuing Education by December 20th, 2020!

- If you need CMEs/Risk Management, take the survey emailed to you by Harvard Medical School
- For all other credit types, take the survey emailed to you by **Denise Henry** (<u>denise@adcare-educational.org</u>)
- Feel free to email Kali (PNQINAdmin@pnqinma.org) with any questions or issues.

Best wishes from the entire PNQIN team for a safe and happy holiday season! See you in 2021!



Questions or Concerns?





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