

### Advanced Quality Management: Learn about QI Tools You Might Not Have Ever Used Before

Center for Quality Improvement and Innovation: Nanette Magnani, EdD; Julia Schlueter, MPH; Justin Britanik, BS; Charles Kolesar, RN, MPH



### **CQII** Overview





### Center for Quality Improvement & Innovation (CQII)

- Funded by the HRSA HIV/AIDS Bureau [#U28HA37644]
- Timeframe: July 1, 2020 to June 30, 2024 (4 years)
- New York State Department of Health AIDS Institute Center for Program Development, Implementation, Research and Evaluation (CPDIRE)

"Together, we continue to improve the lives of people with HIV across the United States. CQII provides state-of-the-art technical assistance and training to Ryan White-funded recipients and subrecipients that measurably strengthen local clinical quality management programs and improve patient care, health outcomes, and patient satisfaction."



### **Technical Assistance Levels**

YEARS

VIRTUAL 2020 NATIONAL RYAN WHITE CONFERENCE ON HIV CARE & TREATMENT



targethiv.org/cqii | 212-417-4730

### Advanced QI Tools



- This workshop, facilitated by CQII staff and nationally recognized quality improvement (QI) experts:
  - Nanette Magnani
  - Julia Schlueter
  - Justin Britanik
  - Charles Kolesar

## Agenda



- Introductions and Learning Objectives Charles Kolesar
- Case Study QI Project: Rapid Start A3 Sheet Overview Nanette Magnani
- SIPOC Diagram Overview Justin Britanik / Julia Schlueter
- Flowcharting/Value-Stream Mapping Overview Justin Britanik / Julia Schlueter
- Related QI resources Julia Schlueter
- Additional CQII resources Charles Kolesar
- FAQs Team

### Learning Objectives



At the end of this session, participants will:

- Learn about three advanced quality improvement (QI) tools for use in HIV programs
- Learn about the application of different advanced tools in busy clinical quality management programs
- Understand how to use advanced QI tools in current and future QI projects

### Combining Tools For Synergistic Effect

- Develop Project Goals A3 Project Charter
- Describe Current Process
   SIPOC Diagram
   Value Stream Current State
- Develop Improvement Theory FMEA
- Describe Improved Process
   Value Stream Map Future State
- Adopt Kanban



VIRTUAL

RYAN WH

Case Study – QI Project Rapid Start



Note: This Case Study is a composite of FQHC experiences but is inspired by a QI project completed at Crescent Care in New Orleans, an FQHC, RWHAP-funded clinic, presented by Dr. Jason Halperin, MD, MPH. Thus, not all of the information presented here is factual about that project.

For more information specific to the original QI Project please contact, Jason.Halperin@crescent care.org.

### Case Study: Rapid Start



### Background

- The Parts A and B RWHAP programs have received Federal money to End the HIV Epidemic (EHE) in their state
- Rapid Start is one of the strategies being promoted to EHE
- There is significant senior leadership support across departments
- Research supports same-day treatment resulting in reduced time to viral suppression

### Background (cont.)



- The RWAHP team at Neighborhood Health Center (NHC) has had success in its prior QI projects on improving viral suppression and patient retention rates. Team members have participated in CQII collaboratives, TA calls, and some have participated in QI trainings
- QI Project Team
  - Linkage Coordinator
  - Testing Coordinators from NHC
  - Patient Navigator
  - Front Desk
  - Client Services Coordinator
  - Nurses and Providers
  - PWH

### Measures



- Outcome Measure
  - Viral suppression (HIV/AIDS Bureau measure)
- Process Measures
  - Linkage time in hours from knowledge of diagnosis to medical appointment with HIV provider
  - Time in days from diagnosis to first suppressed lab test
- Inclusion criteria:

- Clients enrolled in the EIS program seen between 12/06/2019 – 01/31/2020

### **Baseline Data**



- Annual clinic viral suppression rate (10/01/2018 9/30/2019)
  - 82% (1150 patients)
  - 56% (150 newly diagnosed patients)
- Process Measures
  - Linkage time 112 hours; 14 days
  - Dx to Viral suppression 89 days

### Combining Tools For Synergistic Effect

- Develop Project Goals A3 Project Charter
- Describe Current Process
   SIPOC Diagram
   Value Stream Current State
- Develop Improvement Theory FMEA
- Describe Improved Process Value Stream Map – Future State
- Adopt
   Kanban



VIRTUAL

RYAN WH

# A3 Planning, Tracking and Documentation Tool



- A3 is a Lean Six Sigma tool to
  - continuously track your team's problem-solving process; it shows the thinking behind your process
  - organize your work
  - condense work on an 11" x 17" size paper (derivation of A3 name)
  - document and report your QI work
  - could also be a QI project charter





| A3 Template Proje   | ect Name: F<br>STITLE>   | Proj  | roject Sponsor:<br><pre></pre>  |                                     |                  |                |  |  |  |  |
|---|--|---|---|-------------------------------------|------------------|----------------|--|--|--|--|
| CONTEXT / ISSUES<br>• What is the issue and why is it important to<br>• What is the purpose, the business reason fo<br>• What are the anticipated benefits to custon<br>• What performance measure needs to impro<br>• Have you been to the Gemba?<br>• What process/program/customer data do y<br>• quality )? Show facts and processes visually<br>• When did the problem start?<br>• Where is the problem occurring? | tackle now?<br>or choosing this project?<br>ners and staff from the project?<br>ove?<br>ou have regarding the problem (time, cost,<br>using charts, graphs, maps, etc. | <ul> <li>VISION OF SUCCESS</li> <li>What outcomes or results do you want to see?</li> <li>What does success look like for our customer?</li> <li>What does success look like for other stakeholders (staff, partners)?</li> </ul> |   |                                     |                  |                |  |  |  |  |
| • What is the extent or magnitude of the pro  | biem?  | – PR  | OJECT MILESTONES & SCHEDU   | LE                                  |                  |                |  |  |  |  |
| <ul> <li>GOALS</li> <li>What specific, measurable , attainable, relevant, time-bound results do you want or need to accomplish?</li> <li>Show visually how much, by when, and with what impact.</li> <li>NOTE: Be careful not to state a solution as a goal!</li> </ul>   |  | P   | Project Milestones  | Owner                               | Proposed<br>Date | Actual<br>Date |  |  |  |  |
|   |  | 1<br>C  | . Set project scope and goals (prepare Project<br>harter, engage team, collect data)    | Sponsor/Team Leader,<br>Facilitator |                  |                |  |  |  |  |
| SCOPE (IN BOUNDS)   | SCOPE (OUT OF BOUNDS)  | 2   | . Understand the current situation  | Facilitator/ Team                   |                  |                |  |  |  |  |
| <ul> <li>What is the first step and last step in the</li> </ul>   | <ul> <li>What is off the table due to resources?</li> </ul>  | 3   | . Analyze the current situation (root causes)   | Facilitator/ Team                   |                  |                |  |  |  |  |
| process?  | <ul> <li>What are the givens or assumptions for</li> </ul>   | 4   | . Define a vision of success  | Facilitator/ Team                   |                  |                |  |  |  |  |
| What is the program and geographic area?  | the project?   | 5   | . Generate, evaluate and select improvements  | Team/ Sponsor                       |                  |                |  |  |  |  |
| <ul> <li>NOTE: Be mindful of what you can<br/>realistically accomplish with available</li> </ul>  | <ul> <li>Record out of scope issues in a "Parking<br/>Lot"</li> </ul>  | 6   | . Implement changes and make adjustments  | Team Leader/ Staff                  |                  |                |  |  |  |  |
| resources and time.   | LOC  |   | . Measure performance   | Sponsor/Team Leader                 |                  |                |  |  |  |  |
|   | 7544445546566  | - 8   | . Document standard work and lessons learned  | Team                                |                  |                |  |  |  |  |
| • Who is the end-user customer?   | Team Champion  | 9   | . Sustain improvement   | Team Leader/Process<br>Owner        |                  |                |  |  |  |  |
| • Who are other stakeholders who have a role or interest in the success of the  | Team Leader:     Team Members:   |   |   |                                     |                  |                |  |  |  |  |
| CUSTOMER REQUIREMENTS (CTQ)   |  | - RE  | SOURCES<br>ime commitment for a 4 day Kaizen, ex  | cluding time to imple               | ment changes     | Sponsor (6-10  |  |  |  |  |
| <ul> <li>What do customers/stakeholders expect and require from the process? What are their critical to quality (CTQ) requirements?</li> <li>What legal requirements (laws, rules) govern the process?</li> </ul>   |  |   | rs.); Ieam Leader (40 hrs.); Team Meml<br>xternal Resources:<br>quipment:<br>Aaterials: | pers (32 hrs.); Facilita            | tor (40-50 hrs.  | )              |  |  |  |  |

## "Rapid Start QI Project" A3 Sheet



| Project Title: A3 Rapid Start for Newly Diagnosed   |   |
|---|---|
| Project Dates: Start: 12/1/2019 Projected Completio   | n: 4/1/2020   |
| Team Leader and Members:  | Facilitator:  |
| <b>Define Problem</b><br>From testing to start of medication time consuming<br>Scope: confirmed test to scheduled f/up appt and labs                        | Plan  |
| <b>Goals and Measures</b><br>Reduce linkage time from 14 days/112 hours to 5 days/40 hours<br>Reduce time to VL suppression from average 89 days to 30 days | Implementation: Observations/Step<br>Measurement Data |
| Current State Map   | Results: Control/Sustain                              |
| Analysis (tools/results) – Future State Map and Gap<br>Analysis   | Reporting and Feedback                                |
| Tests of Change and Step Measures   | Follow-up Actions: Plan to Sustain                    |

### Combining Tools For Synergistic Effect

- Develop Project Goals A3 Project Charter
- Describe Current Process
   SIPOC Diagram
   Value Stream Current State
- Develop Improvement Theory FMEA
- Describe Improved Process
   Value Stream Map Future State
- Adopt Kanban



VIRTUAL

RYAN WH

### SIPOC Diagram



### Stakeholders, Inputs, Process, Outputs, and Customers

#### When to use it:

- When you first start to investigate a process and a team needs to understand the basics that make up the process
  - Especially when you need to understand how complex processes work together as a system
- When a team needs a way to get the collective knowledge of the team members about a process recorded in an easy to view format
- When we need to make a concise communication to others about a process and the parameters that it encompasses

# Filling Out a SIPOC



VIRTUAL 2020 NATIONAL RYAN WHITE CONFERENCE ON

| Stakeholders   | Inputs  | Process   | Outputs   | Customers   |  |
|--|---|---|---|---|--|
| Who is your<br>project team?<br>Who supports the<br>project? | <ul> <li>What resources<br/>are needed for the<br/>project?</li> <li>Physical objects</li> <li>Information</li> <li>Factors that<br/>influence the<br/>process</li> </ul> | <ul> <li>What steps go into<br/>the project (look at<br/>process map)</li> <li>Take a high-level<br/>view (≈10 steps)</li> <li>List steps<br/>sequentially</li> </ul> | List the outputs of the<br>entire process   | End users of the<br>service and internal<br>customers that the<br>process<br>• Who are we<br>doing this for,<br>who defines<br>value? |  |
|  | Input Measures:<br>How do you<br>measure<br>stakeholders<br>generating outputs<br>in terms of goals?  | Process & Step<br>Measures:<br>What are stakeholders<br>doing? How long does<br>it take, how much<br>does it cost, where are<br>the complexities?                     | Outcome Measures:<br>How do you measure<br>outputs in terms of goals?<br>Do outputs effectively<br>improve health outcomes,<br>service delivery efficiency,<br>and customer satisfaction? |   |  |

## Case Study SIPOC



VIRTUAL 2020 NATIONAL RYAN WHITE CONFERENCE ON HIV CARE & TREATMENT

| Stakeholders  | Inputs  | Process   | Outputs  | Customers |
|---|---|---|--|-----------|
| <ul> <li>NHC Staff</li> <li>Testing Agencies</li> <li>Parts A and B<br/>partners</li> <li>HRSA</li> </ul> | <ul> <li>Dedicated staff</li> <li>Data Systems</li> <li>On site medication</li> <li>Designated provider<br/>at each site</li> <li>Defined Approach</li> <li>Laboratory</li> </ul> | <ul> <li>Patient Confirmed Positive</li> <li>Contact patient, schedule visit</li> <li>Arrange transportation</li> <li>Patient arrives at appt, provider<br/>dispenses first ART dose</li> <li>Follow-up appt scheduled (3-4<br/>weeks from first visit)</li> <li>Patient completes RW paperwork</li> <li>Patient attends follow-up appt and<br/>repeat viral load drawn to check<br/>for suppression</li> </ul> | <ul> <li>Actionable real-time<br/>data reports</li> <li>Knowledge gained by<br/>stakeholders</li> <li>Linkage to ART</li> <li>Improved health<br/>outcomes</li> <li>Improvement ideas</li> </ul> | • PLWH    |
|   | Input:<br># of RS appts<br># of meds<br>dispensed   | <b>Process:</b><br>Cycle Time – 1) linkage to<br>care; 2) diagnosis to viral<br>suppression<br>Process Complexity – testing<br>and referrals to clinic to<br>provider   | Outcomes:<br>Patient suppressed<br>in <30 days   |           |

### Combining Tools For Synergistic Effect

- Develop Project Goals A3 Project Charter
- Describe Current Process
   SIPOC Diagram
   Value Stream Current State
- Develop Improvement Theory FMEA
- Describe Improved Process
   Value Stream Map Future State
- Adopt Kanban



VIRTUAL

RYAN WH

### Mapping a Process



- Process mapping helps us describe a process visually to:
  - Understand the process
  - Identify potential sources of problems
  - Outline the ideal process steps
  - Enable communications with others
- There are several tools for mapping a process
  - Spaghetti Diagrams
  - Decision Trees
  - Flowcharts Beginner
  - Value Stream Maps Advanced

### Process Flow: Actual vs. Documented





### Quick Review of Value



- Value Added Step the customer wants it, it fundamentally changes the service experience, <u>AND</u> it has to be done right the first time. All three elements must be present to be Value Added.
- Requirements required by the consumer, required by the organization, or required by law. Challenge requirements--things like policies can be changed and aren't necessarily always requirements!
- Non-Value Added everything else! We can't get rid of all NVA, some of it (sometimes over 50%) is inherent to the process. Also, NVA does NOT mean unimportant, things like data collection are technically NVA, but can be critical to the success and sustainability of the process improvement.

### Make an Existing Flowchart into a Value Stream Map

- 1. Take an existing flowchart or other process map
- 2. Gather a small team that has knowledge of the process
- 3. Talk through each step at a time
- 4. Use Sticky Notes and markers mark each step:
  - Green Mark– value added
  - Yellow Mark requirement
  - Red Mark non-value added
- 5. Assign each step accordingly go for consensus
- 6. Brainstorm how to remove waste and add more value
  - Use quantitative process data to inform discussion
  - Use qualitative consumer data as well compare to their map or journey map



VIRTUAL

### Creating the Current State Map



- ✓ Identify the scope of the map for the initiative
  - Begin with a high-level map across departments/unit
  - ✓ Then focus on the level of processes or step that you wish to address
- ✓ Identify when the consumers requirements are met (success!!)
- Inform process owners that the map is created from actually walking and get their input
- ✓ Agree on icons that will be used
- ✓ Keep it simple, but good enough

### Value Stream Mapping: Data Boxes

- <u>Takt Time</u>: the amount of time it takes to complete the process to keep up with demand
  - We have 15 min schedules and we double book
  - We need to see 30 patients in 7 hours what is our takt time?
- Cycle Time: the amount of time it takes for the step
  - Average time to get patients checked out at front desk
- Lead Time: Total time from initiation of process to customer
- <u># of People</u>: the number of staff involved in the step
- Inventory: the number of patients or items "waiting"
  - We've seen 20 pts. and have 10 waiting to be seen or currently in the process and we have 2 hours before the last slot, will we be able to see everyone?

<u>TAKT TIME</u> (7hrs\*60min)= 420 min

VIRTUAL

420min/30pts= **14 min** 

27

## VSM Template



VIRTUAL

ARE & TREATMENT

ΤE

RYAN WHI

CONFEREN



### Future State Value Stream Map: Key Questions



- 1. How would the customer draw this map?
- 2. What would the ideal process look like?
- 3. Look for value added activities (usually the boxes) and seek to eliminate waste (arrows, forms, decisions, rework, transport etc.)
- 4. What improvements could be made if there were **no** constraints on scope or resources?
- 5. Where is continuous flow most important?
- 6. Where could we employ a creative idea to remove waste?
- 7. Which improvements will give us the most juice for the squeeze? (intersection of high impact, high probability, low cost solutions)
- 8. Which improvements will best help the process owners sustain?

# Creating a Future State – What would you change?

YEARS

#### VIRTUAL 2020 NATIONAL RYAN WHITE CONFERENCE ON HIV CARE & TREATMENT

Value Added Required Non-Value Added

Cycle Times:

- Linkage time = 112 hours; 14 days
- Dx to Viral Suppression = 89 days

Goals:

- Reduce linkage time from 14 days/112 hours to 5 days/40 hours
- Reduce time to VL suppression from average 89 days to 30 days



### **Implementing Solutions**



- How do you prioritize multiple solutions to root cause(s)?
  - Sort possible projects
  - Collect relevant data
  - Analyze relevant technical and experiential data
  - Refer to Root Cause Analysis to ensure solution addresses the root cause
  - Consider impacts vs. barriers to implementation
- There are several tools for prioritization
  - PICK Chart or Priority Matrix (Beginner)
  - Failure Mode Effects Analysis (Advanced)

### **Understand Critical Failures**



- What should we prioritize?
  - Think horses, not zebras
- FMEA key questions for improvement teams
  - What could go or went wrong?
  - What would cause it?
  - What are the consequences?
  - What can we do? (Redesign)
- Contingency planning for probable, critical, occurrences
  - Designing better interventions could save you several cycles!
    - If X, then Y planning

# Failure Mode & Effects Analysis (FMEA)



- With a long history in private industry and the military, FMEA is a stepby-step approach for identifying all possible failures in a design, a process, or a product or service. It is a common analysis tool for QI projects.
- Failure modes: means the ways, in which something might fail. Failures are any errors or deviations from quality, especially ones that affect the consumers, and can be potential or actual
- Effects analysis: refers to studying the consequences of those failures, potentially even <u>before</u> they happen

### Simplified FMEA example



VIRTUAL 2020 NATIONAL RYAN WHITE CONFERENCE ON HIV CARE & TREATMENT



## Case Study - FMEA





| Function                               | Failure<br>Mode  | Effects                               | Severity          | Cause of<br>Failure                 | Likelihood                           | Risk<br>Prioirty | Action<br>Recommended   |
|--|--|---------------------------------------|-------------------|-------------------------------------|--------------------------------------|------------------|---|
| On site<br>medication                  | Meds are<br>not<br>delivered<br>by<br>pharmacy               | Unable to<br>conduct<br>DOT           | 9 – Very<br>high  | Pharmacy<br>short<br>staffed        | 5-<br>Moderate<br>possible<br>chance | 45               | Have starter pill<br>pack on site in<br>case pharmacy<br>unable to<br>deliver |
| Designated<br>Provider at<br>each site | Provider<br>scheduled<br>for that<br>day is not<br>available | RS appt not<br>available at<br>clinic | 10 – very<br>high | Designated<br>Dr. called in<br>sick | 6 –<br>moderate                      | 60               | Sites have more<br>than one<br>designated RS<br>provider as<br>back-up        |

### Kanban



- Japanese for "signboard"
- A visual display that regulates the flow of work
- Organized around the different milestones in an improvement project
- Clearly indicates what work remains to be done and who is responsible
- Colors can represent the state of the work in process
  - Example: yellow can mean behind schedule; orange on time; red means immediate attention



### Making a Simple Kanban



VIRTUAL

RYAN WH

### Using Kanban for Team Huddles



VIRTUAL 2020 NATIONAL RYAN WHITE CONFERENCE ON HIV CARE & TREATMENT

#### Huddles are:

- Brief; 10-15 minutes
- Focused; no side conversations, everyone is focused and reviewing the information
- Standing meetings
- Review of the "vital few"
- Engagement focused
  - More than just speaking aloud or reading an email, visual boards help everyone see the same thing
  - Responsibility for leading the huddle rotates

| ß   | edesign        | ning    |         | e<br>oving th | e patie   | nt jour | mey in V | vard 51  | B    |                    | T        | KLY Mass               | And<br>A Another |      |
|-----|----------------|---------|---------|---------------|-----------|---------|----------|--|------|--------------------|----------|------------------------|------------------|------|
| -   | Patient Name   | Med     | п       | OT            | SW        | DN      | SP       | Other Rele   | rals | Walting 1          | -        | Das                    | . 9/5            | *    |
| 101 | Mis Patrick    | Nax     | Alinia  | bleak         | Allania   |         |          | Lother AL  | 1    | DK Plant           | 0        | HH                     | UE               |      |
| 2   | ME WOOD        | NOX     | - Acing | DW            | L         | L       | 1 hash   |  | 0    | -                  |          | нн                     | HH               | -    |
| 3   | ME REED        | NSX     | A Cross |               |           |         |          | marin Z  | 0    | 10<br>Burlow Prosp | A        | HF                     | RIGANIA          | u    |
| 4   | MS FARROW      | MagoL.  |         |               |           |         | 1        |  | 0    |                    |          |                        | -                | 4    |
| 5   | IS GREEN       | HOPR    | V CINO  | blan          | Arbent    | 以口      | Black    | HSA<br>ACATA   | -    |                    | 4        | нч                     | HIC              | u    |
|     | MS WILLIAMS    | 6250    |         |               |           |         |          |  | 103  | and she            | $\Delta$ |                        | 1                | ч    |
| 7   | MR CLARKE      | M5X     | Acres   | Alent         | 1 shered  |         | Start    | Registerer D   | 0    | BLA A 36/L         | 4        | HN                     | A CAR            | ù.   |
| 8   | ME SINAI       | Harain  |         |               |           |         |          |  | 0    | at 1/3             |          | HA                     | 1                | ч.   |
|     | MR Montgomeric | NSX     | Aur     | bleah         | Asher     |         | Durn     |  | 0    | 100                | 0        | HW                     | 2                | UA T |
| 10  | MK Kaso        | NSX     | 100     | Aur           | Diama     |         | At       | -  | 0    | THEFT              | 4        | MW                     | 7                | ы.   |
| 11  | My Bouziatis   | NSX     | Acris   | 1 un          | Asianit   |         | Aleas    |  | 0    | OTHN 613           | 4        | HH                     | 2Hank            | ч    |
| 12  | Me Macheners   | Ditte   |         |               |           |         |          |  | 0    | or 7/3             |          | KP                     | 2                | ч    |
| 13  | ME WARY        | NSX     | A Caja  | Kuch          | A Showill |         | A Myse   | -  | 0    | ACAT AL            | 4        | NHLLC                  | THE              | Y    |
| 34  | Mr Quages      | Gutra   |         |               | Donil     |         |          |  | 0    |                    |          | HILAGA                 | 1                | v    |
| 15  | AS KRIKKE      | NSX     | ALIN    |               | 1200      |         | -        | Contraction of the local division of the loc | 0    |                    |          |                        |                  |      |
| 10  | MK EAKL        |         |         |               |           |         |          |  | 0    |                    | -        | 1                      |                  |      |
| 17  | man koutelas   | NSX     | Aur     | Athin         | Asherd    | 430     | 1 Lunn   | diano P  | 0    | -14 cream          | 0        | 1.                     | 2 100            | 14   |
| 18  | Mis Bater      | Hepolil |         |               |           |         |          | -  | 9    |                    |          | Ham                    | 40 mar 203       | 10   |
| Nex | Patient        |         |         | 11-1          |           |         |          | Mare Cring   | 3830 | 1 1 I              | Sant     | 38241                  | 744, 31          | 42   |
| 1   |                |         |         |               |           |         |          | er lest.<br>Pet  | 38/6 | -                  | 15       | Jeies<br>Joss<br>Seies |                  |      |

### How to do a Kanban Huddle



- Agenda could look like
  - "Glow and Grow"
    - Updates on roadblocks, celebrating team members, and opportunities for improvement

VIRTUAL

- Top 1 (what is the thing we want to get done this week?
  - What was our Top 1 last week? Did we do it? Why / why not?
- Metrics review of data. Color coded red/yellow/green. Improvement ideas flow from data review
- Offers and requests
- Cheer. End with joy, a fun quote, a verbal cheer, anything to smile and unify!

### Case Study - Kanban



# To-Do

Task: Present 3rd Qtr. performance measures for RS process Priority: Medium Due Date: 6/1/20 Person Responsible: Quality Manager, Data Coordinator

# **In-Process**

Task: Train front desk staff on rapid appt scheduling procedures, insurance (RW) Priority: High Due Date: 11/15/2019 Person Responsible: Clinic Manager

# Done!

Task: Train testing sites on rapid linkage process Priority: High Due Date: 10/15/2019 Person Responsible: Linkage Coordinator

### **Related QI Resources**



### ASQ - https://asq.org/

Search their site for information and examples of QI tools

### Colorado Local Public Health & Environmental Resources QI tools -

https://www.colorado.gov/pacific/cdphe-lpha/tools-and-resources

### **EPA Lean Metrics Guide** –

https://www.epa.gov/sites/production/files/2014-04/documents/metrics\_guide.pdf

### Institute for Healthcare Improvement - <u>http://www.ihi.org/</u>

Quality Improvement Essentials toolkit and a wide variety of tutorials on tools

### Additional CQII Resources



### Center for Quality Improvement & Innovation (CQII)

targethiv.org/cqii:
✓ Information on Advanced Trainings
✓ On site Technical Assistance
✓ Quality Academy
✓ Consumer Quality Improvement Activities
✓ Collaborative Resources



### Frequently Asked Questions:



- Which tool should we use if we are just getting started with our quality improvement project?
- Which tool would we use to help us to capture and document our project?
- How do these tools apply to a health department or Ryan White recipient that does not provide direct patient care?



## **Contact Information**

### **Contact Information**



### **Contact Information**

Charles Kolesar RN, MPH Program Manager New York State Department of Health AIDS Institute 90 Church Street, 13th floor New York, NY 10007-2919 Charles.Kolesar@health.ny.gov 212.417.4730 (main) 212. 417. 4768 (direct) 212.417.4684 (fax)





