

Improving Stroke Outcomes

QI, Teamwork & Integration

Quinte Health Care

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December 12th, 2019

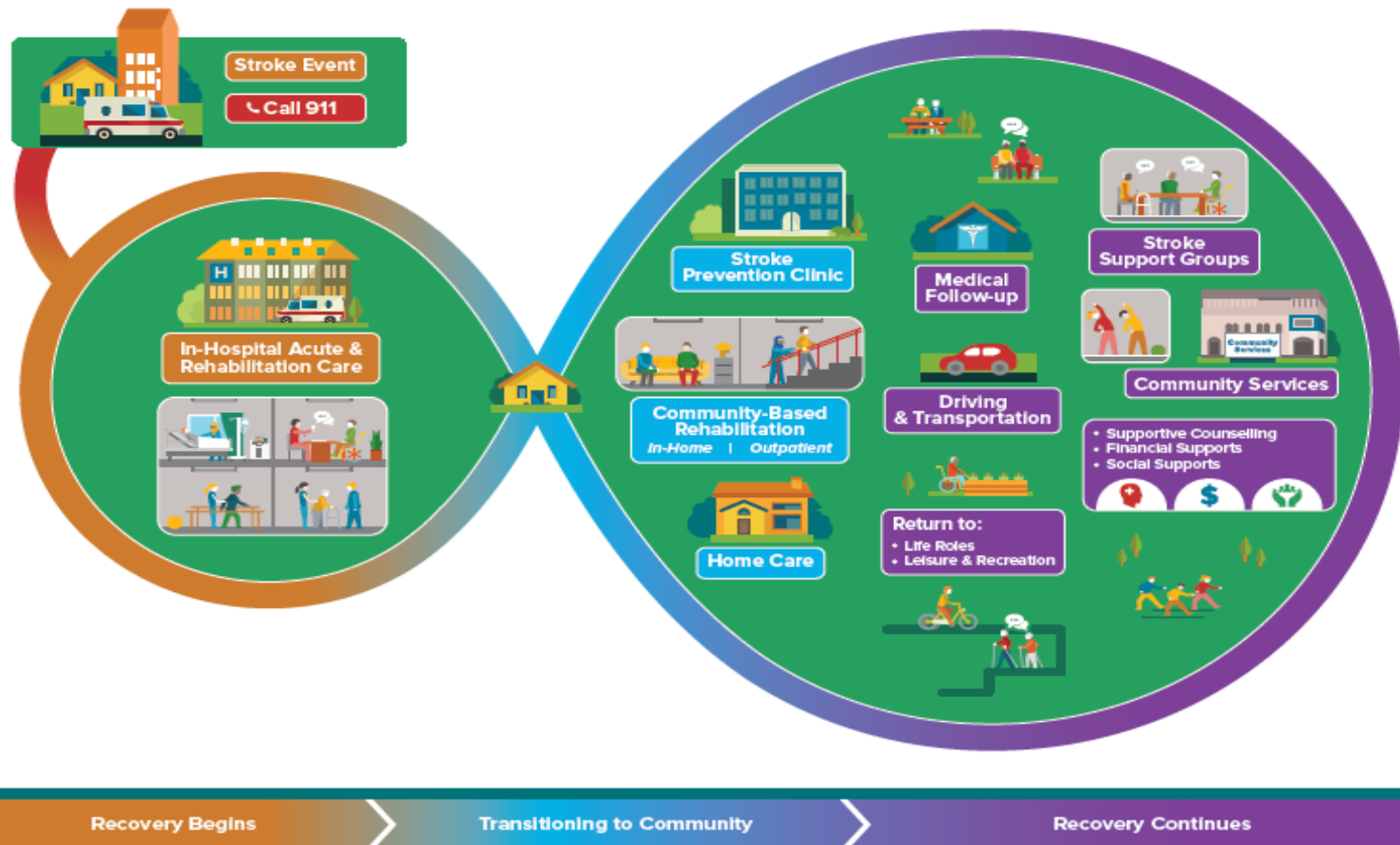


- **QHC's stroke journey & pathway**
 - **Integrating stroke care at QHC**
 - Coordinating & integrating services in acute care
 - Leveraging high functioning IP Rehabilitation
 - Mixing home & outpatient rehabilitation services
 - Improving quality & team work in the ED
 - Stroke Prevention Clinics
 - Community support groups

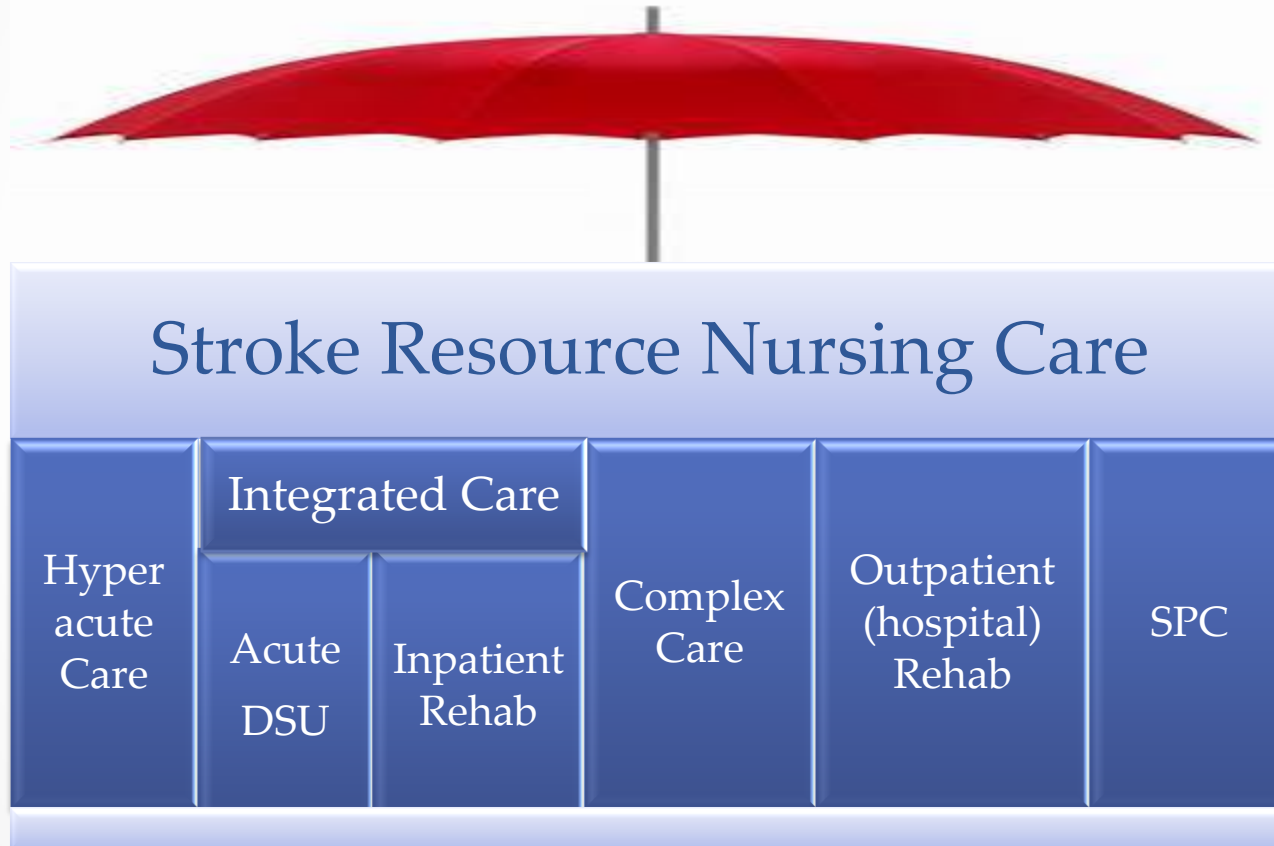
PATIENT JOURNEY MAP

YOUR RECOVERY JOURNEY AFTER STROKE

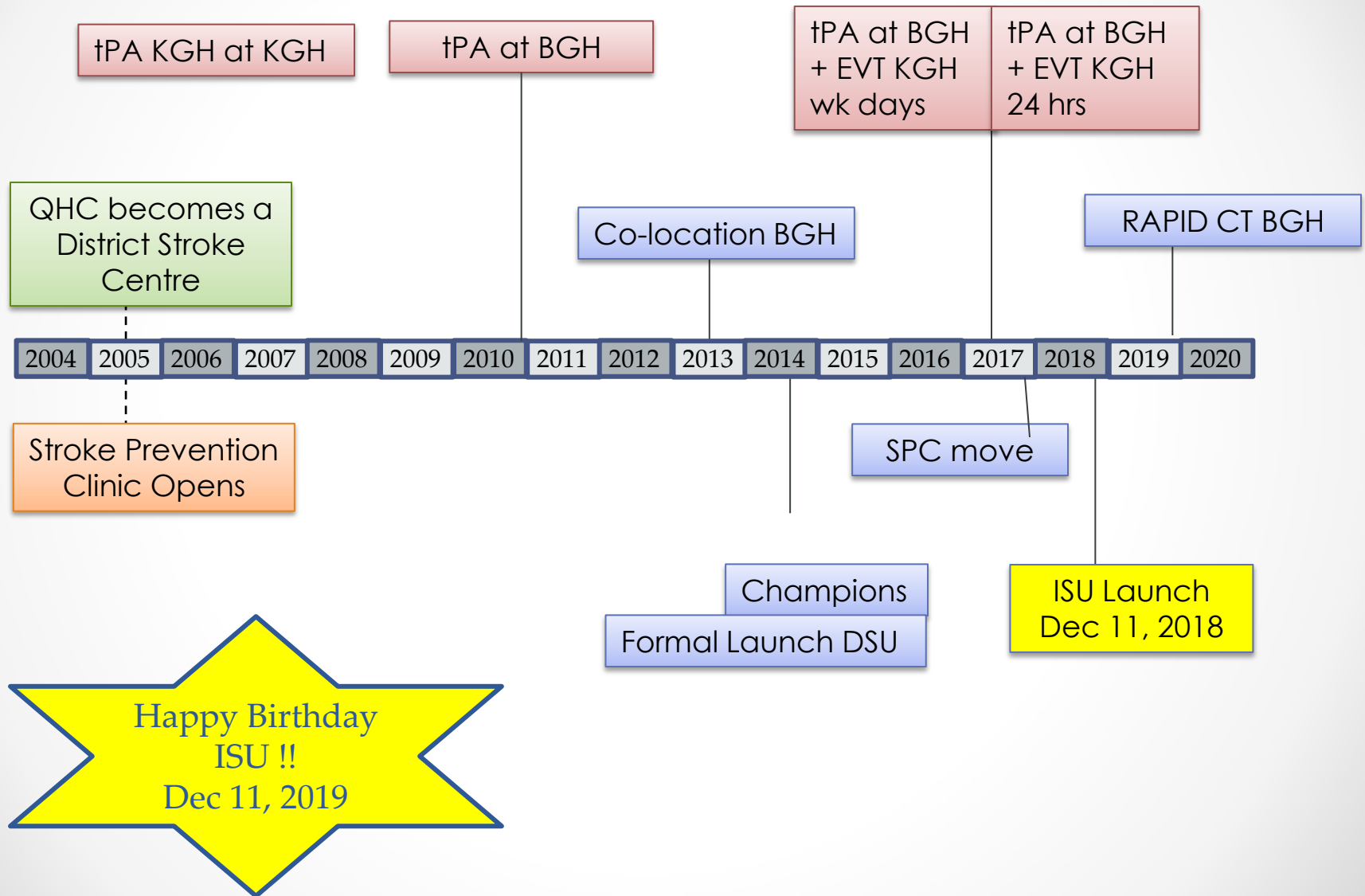
STROKE NETWORK
of Southeastern Ontario



QHC Stroke Services



History of Stroke at QHC



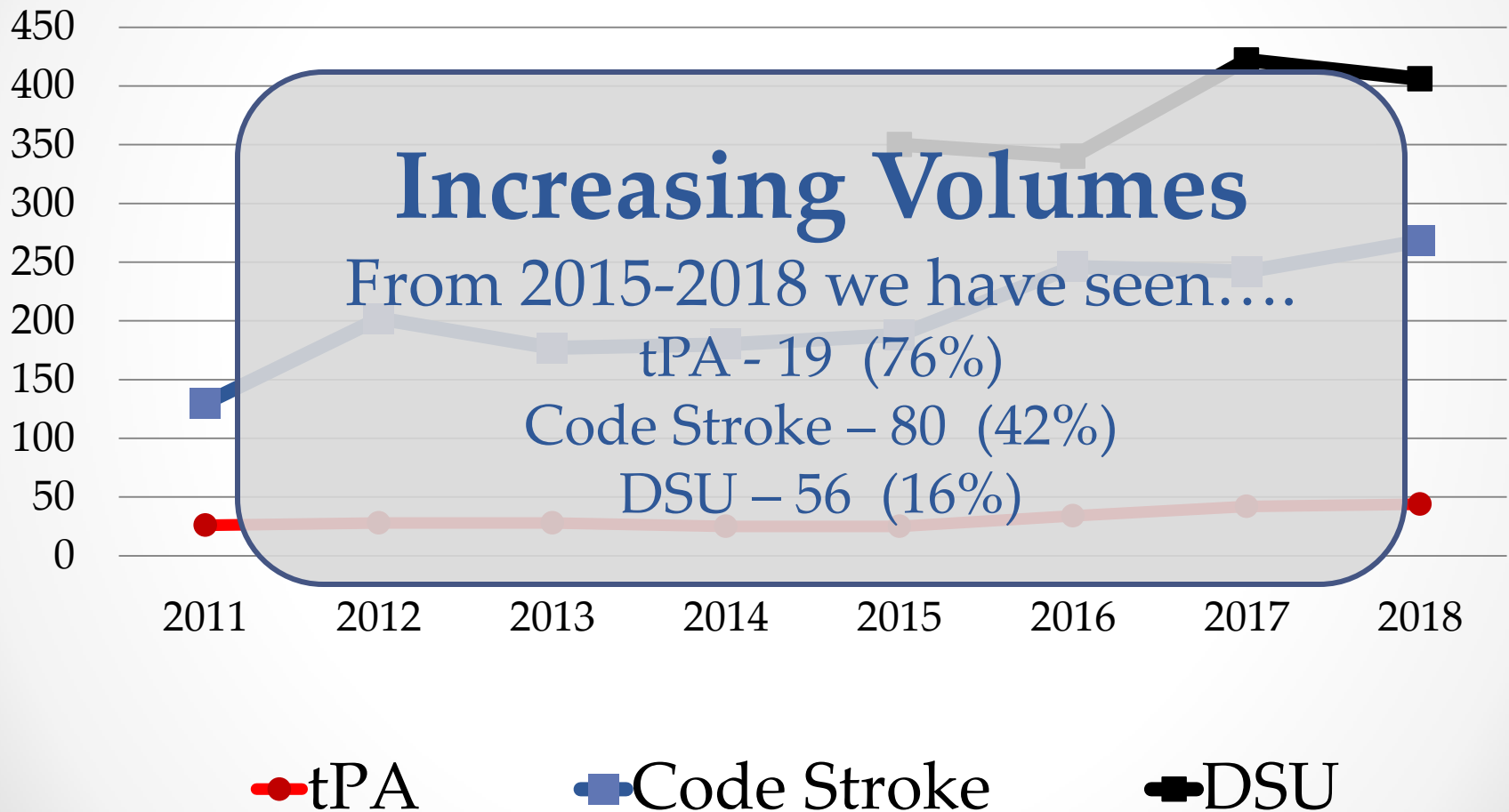
Acute / DSU

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Acute Stroke & General Medicine



tPA, Code Stroke & DSU



What were we thinking???

Bed flow
Over capacity
Staff Frustration

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Let's build a new unit !!!

Improve best practices
Improve survivor experiences

Integrated Stroke & Rehabilitation

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QHC ISU Project Summary

Primary Driver	Secondary Driver	Primary Driver	Secondary Driver
Physical Enviroment	Floor Mapping (define beds)	Stable, Trained Human Resources	Recruitment
	Equipment		Staffing model (nursing / allied)
Bed Flow & Care	Criteria and flow algorithm		Staff leadership group
	Cardiac monitoring	Communication	Internal
	Bed Flow & Care		External
	Repatriation options		Family / Caregiver
	Medical patients not getting to rehab		
	Surge planning	IT, IS, DS & Reports	Unit level reports
Primary Driver	Secondary Drive		Bed models & registration
	Sills 3 education		Documentation
	On unit resources		Stroke dashboard
			Finance

Improving Standard Practices

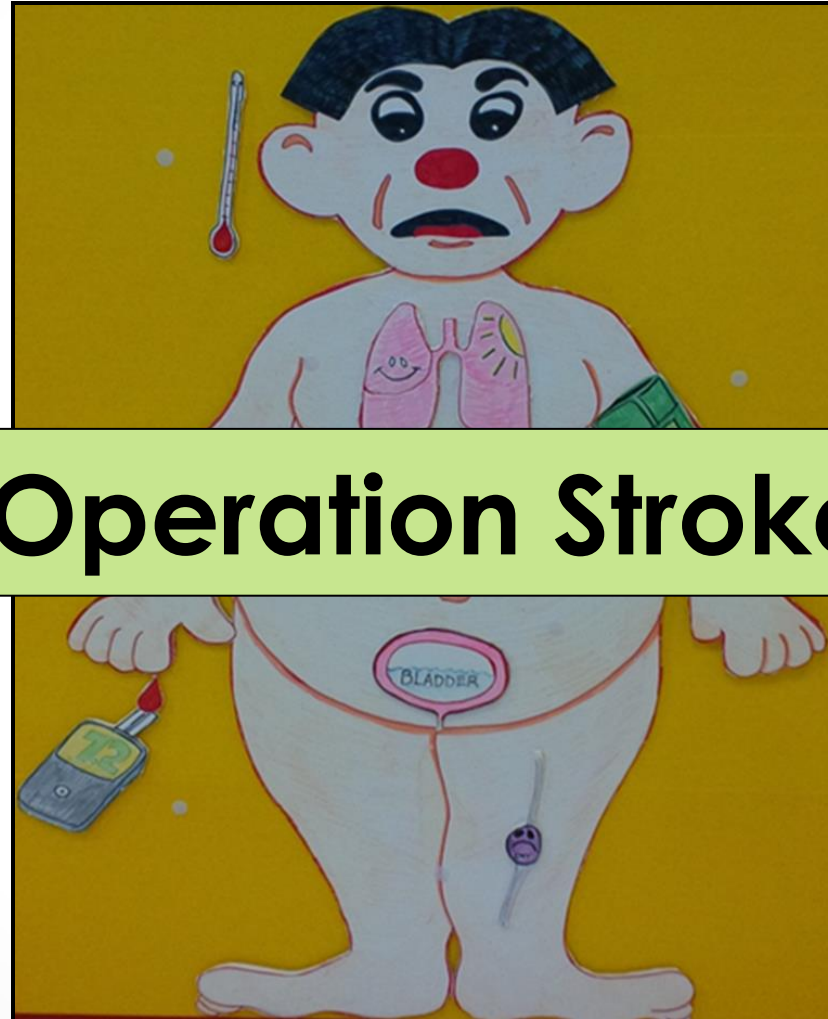
Staff

Nursing
assignments

Swallowing
Screening

Shared
Experiences

Education



Operation Stroke

Survivors

Up & Dressed

Meals &
Groups

Shared
Experiences

Same Bed

Staff.....



Education

Stroke days

Medical days

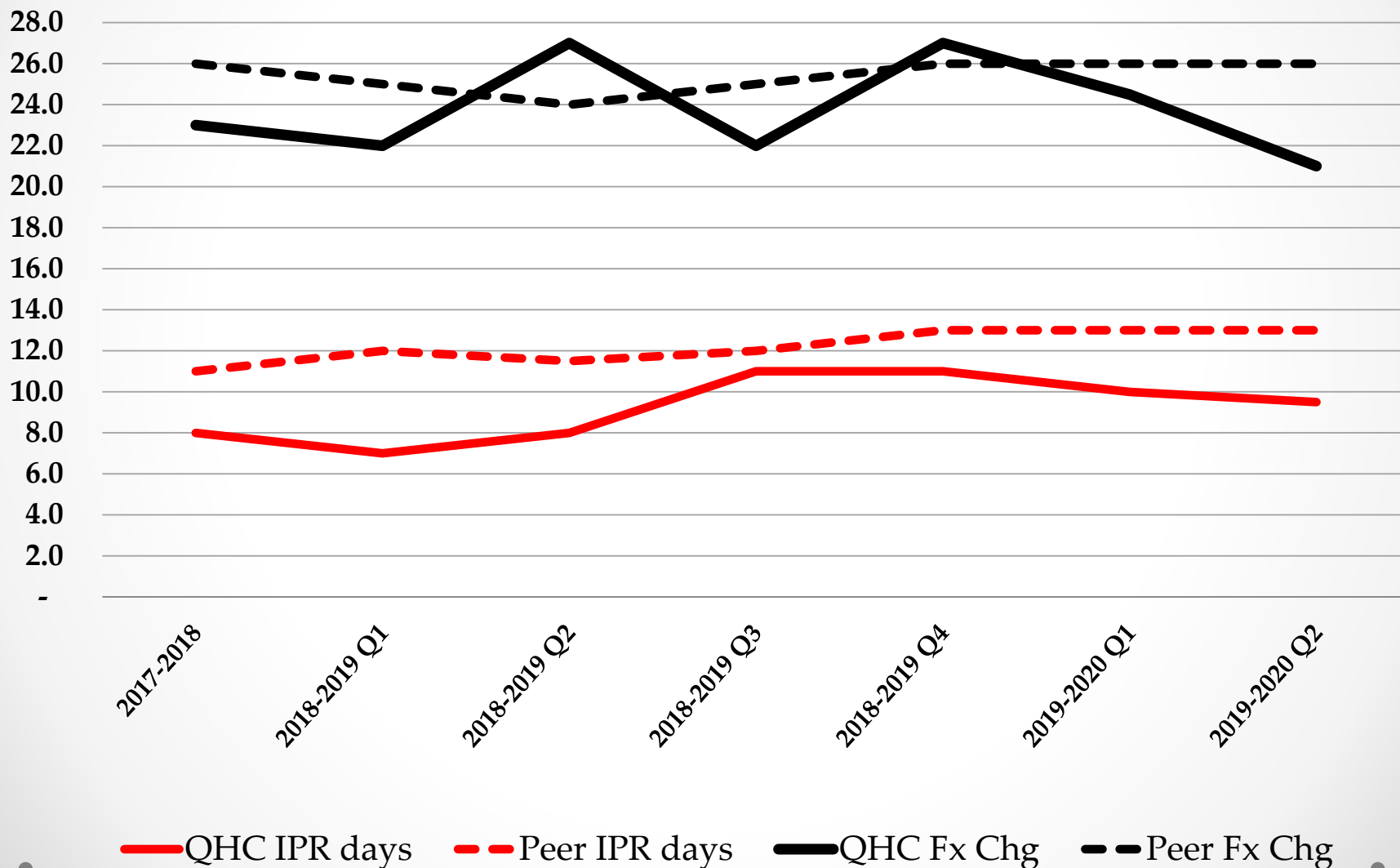
Cardio days (nursing only)



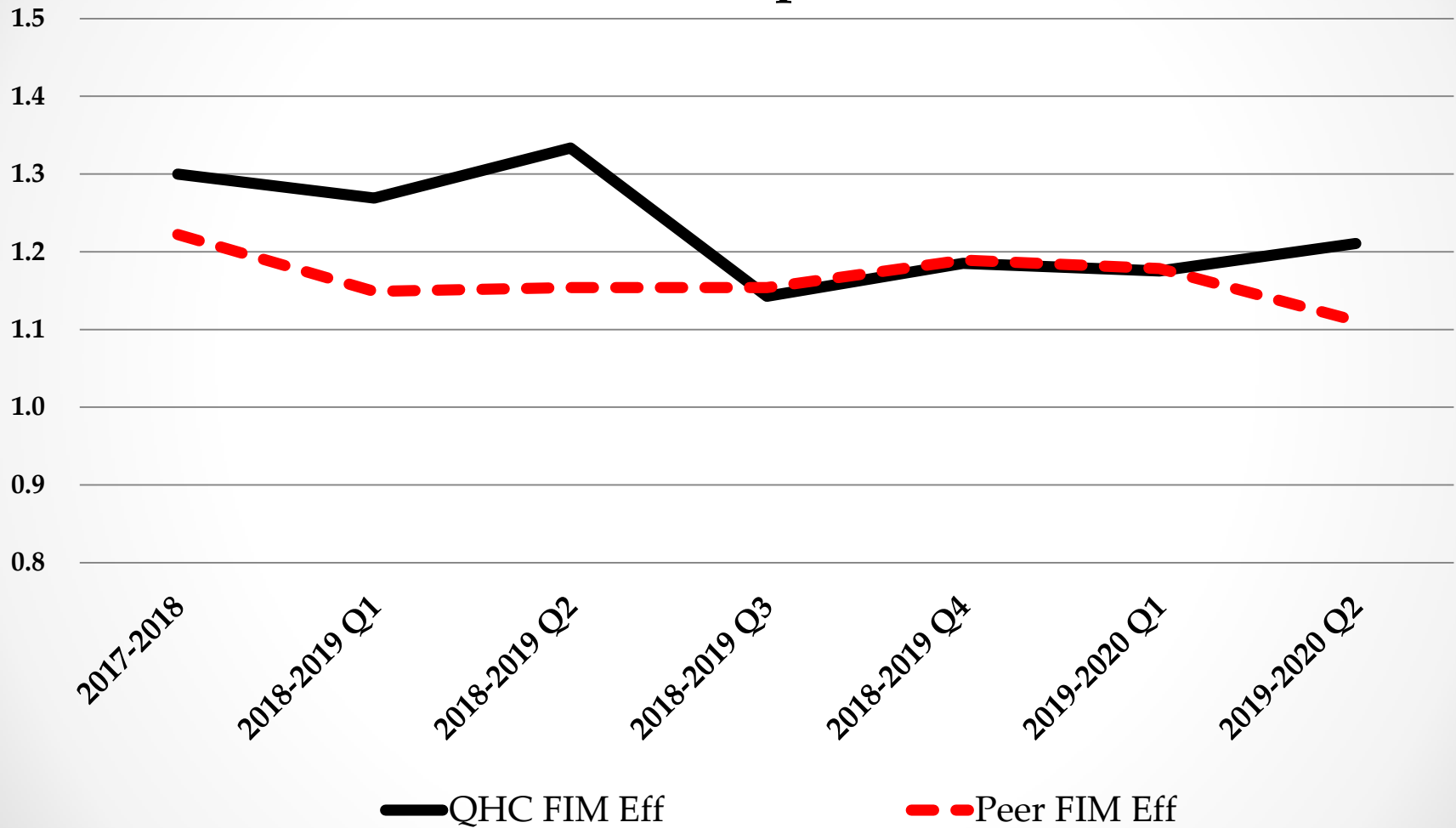
Mentorship



QHC - Mixed IP Rehab Data (non stroke patients)



QHC - Mixed IP Rehab data (non stroke patients)



Integrated Stroke & Rehabilitation

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CURRENT STATE

Rehab Day Hospital

Outpatient Stroke Rehabilitation Clinic

FY 2018/19

- 186 discharged clients
- OT, PT, SLP & CDA
- Multi visit appointments
- Pre-discharge tour from Sills 3 ISU

Hyperacute

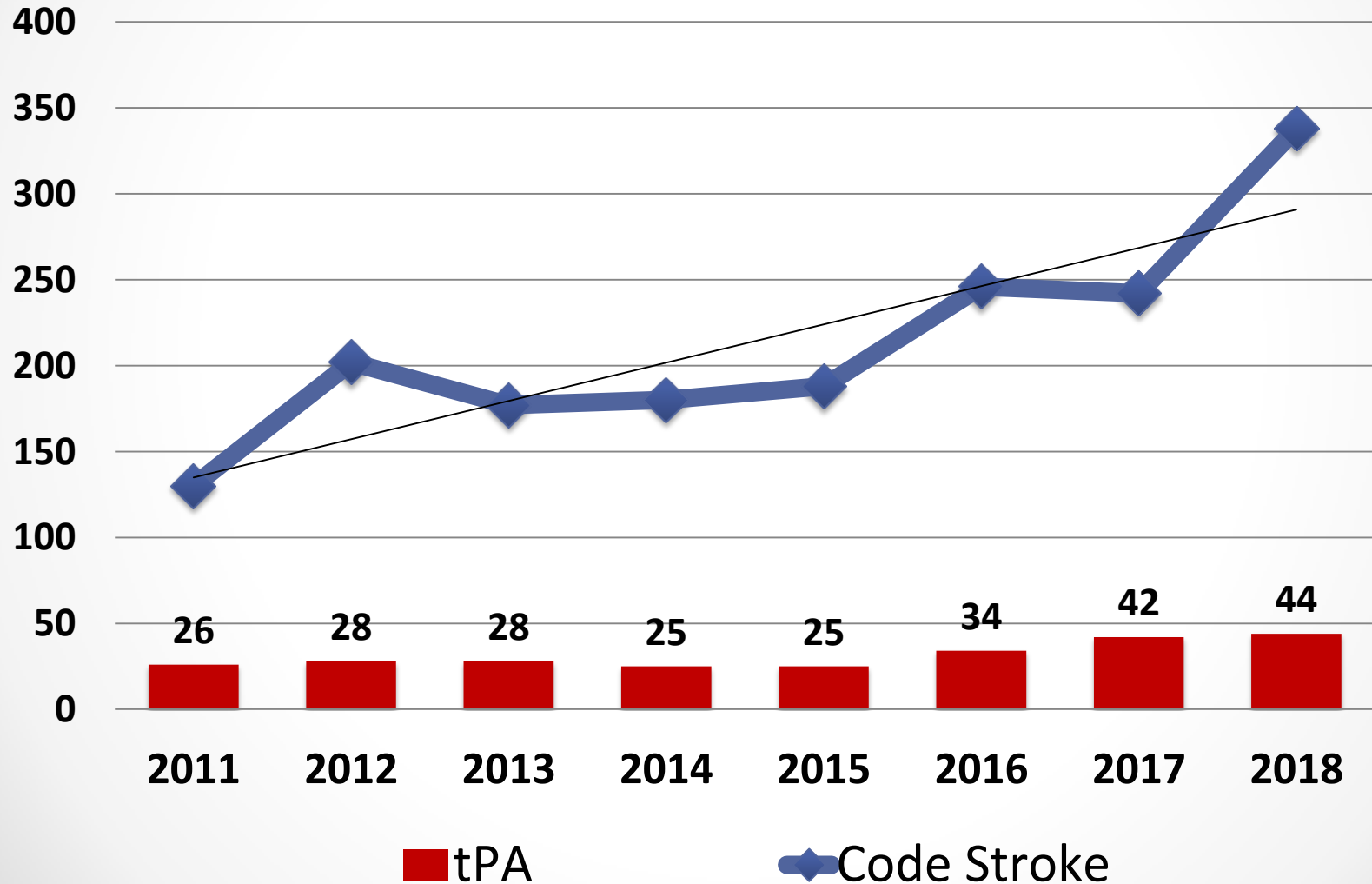
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**Code
Stroke
Kaizan**
July 2019

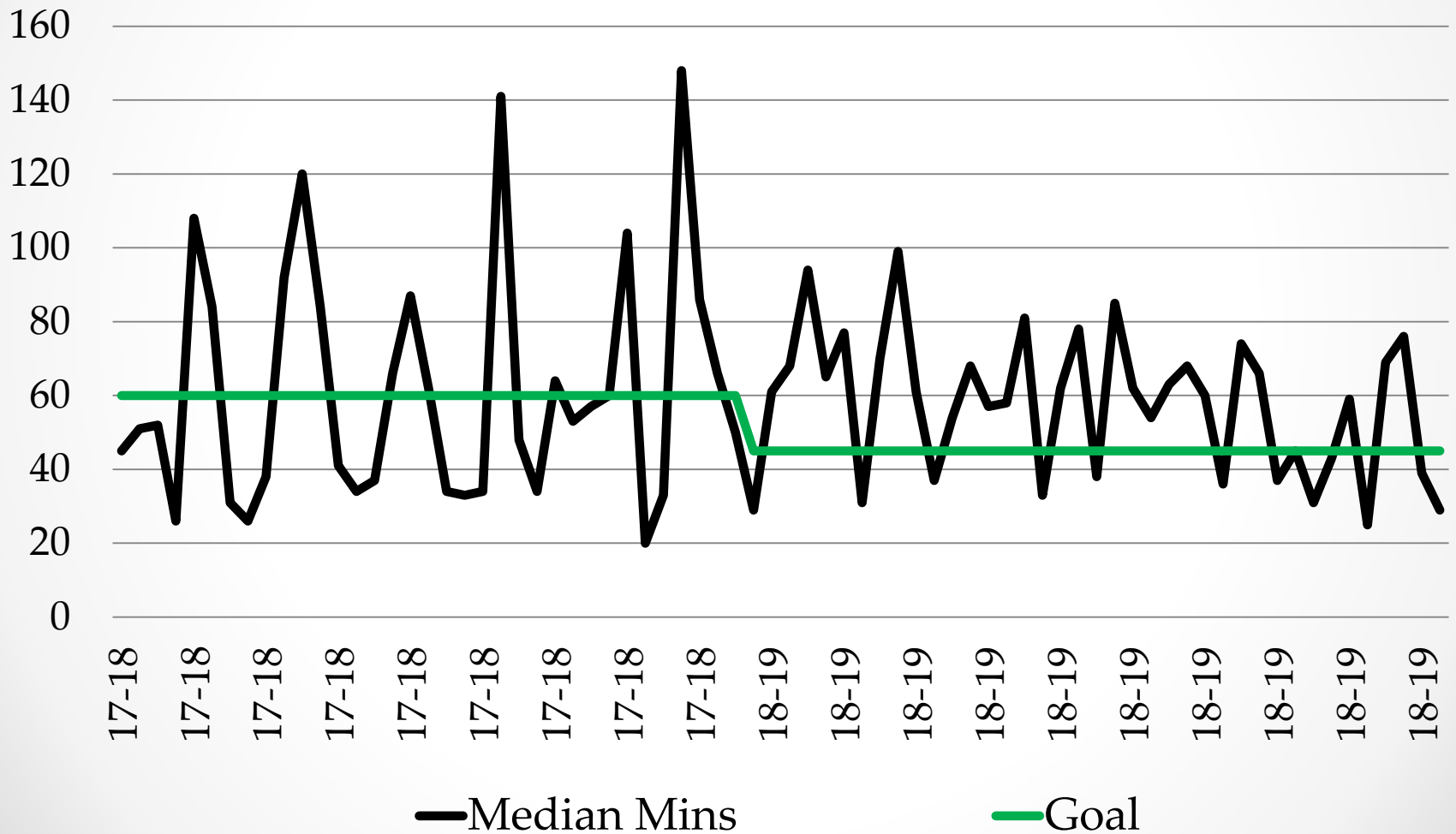
**LVO
Screening
ACT-FAST**
Oct 2019

**RAPID CT
Software**
Dec 2019

tPA and Code Stroke (2011-2018)

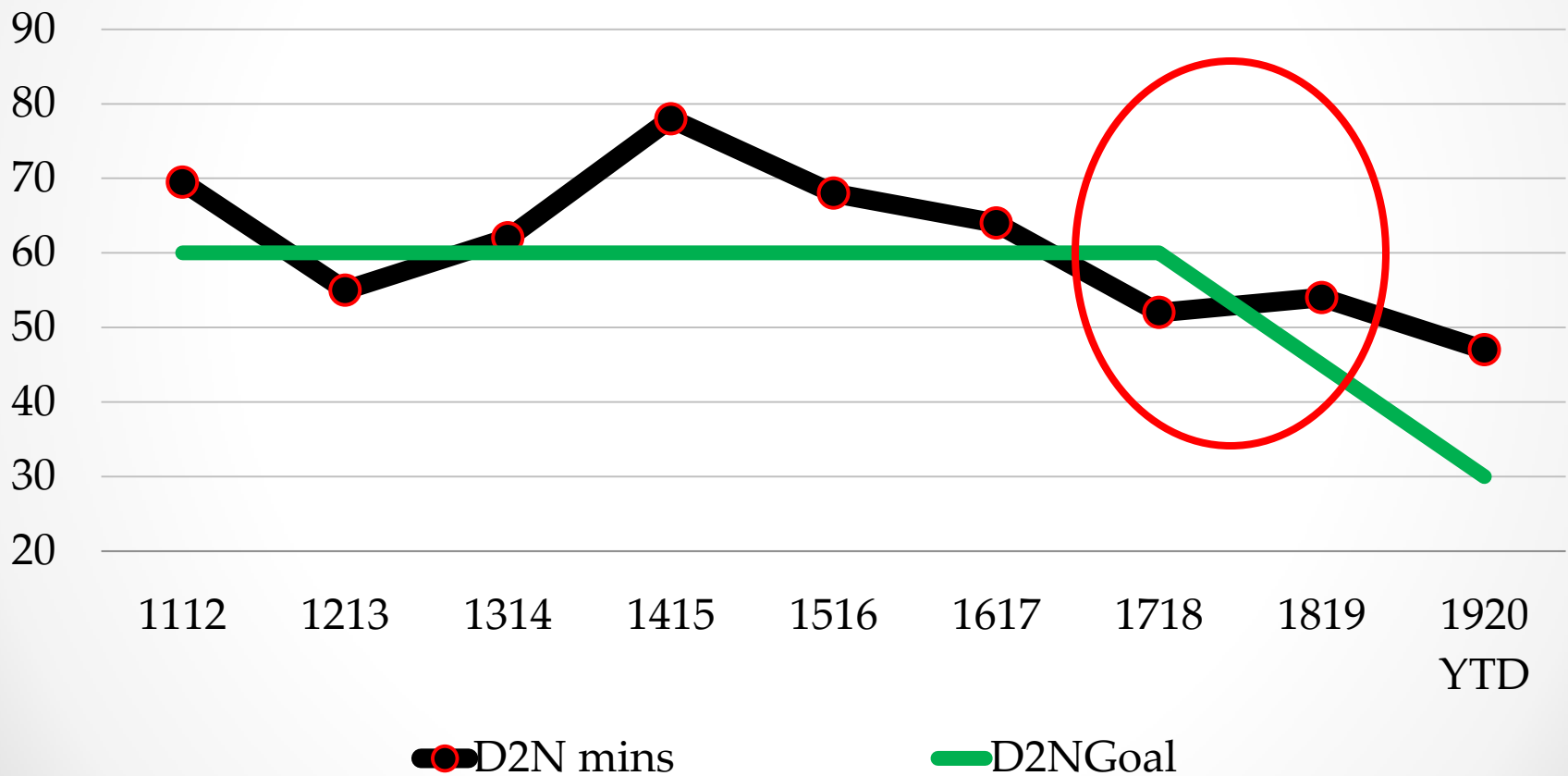


Door to Needle Variation



QHC Door to Needle

FY 1112 to 1920 (Q2)

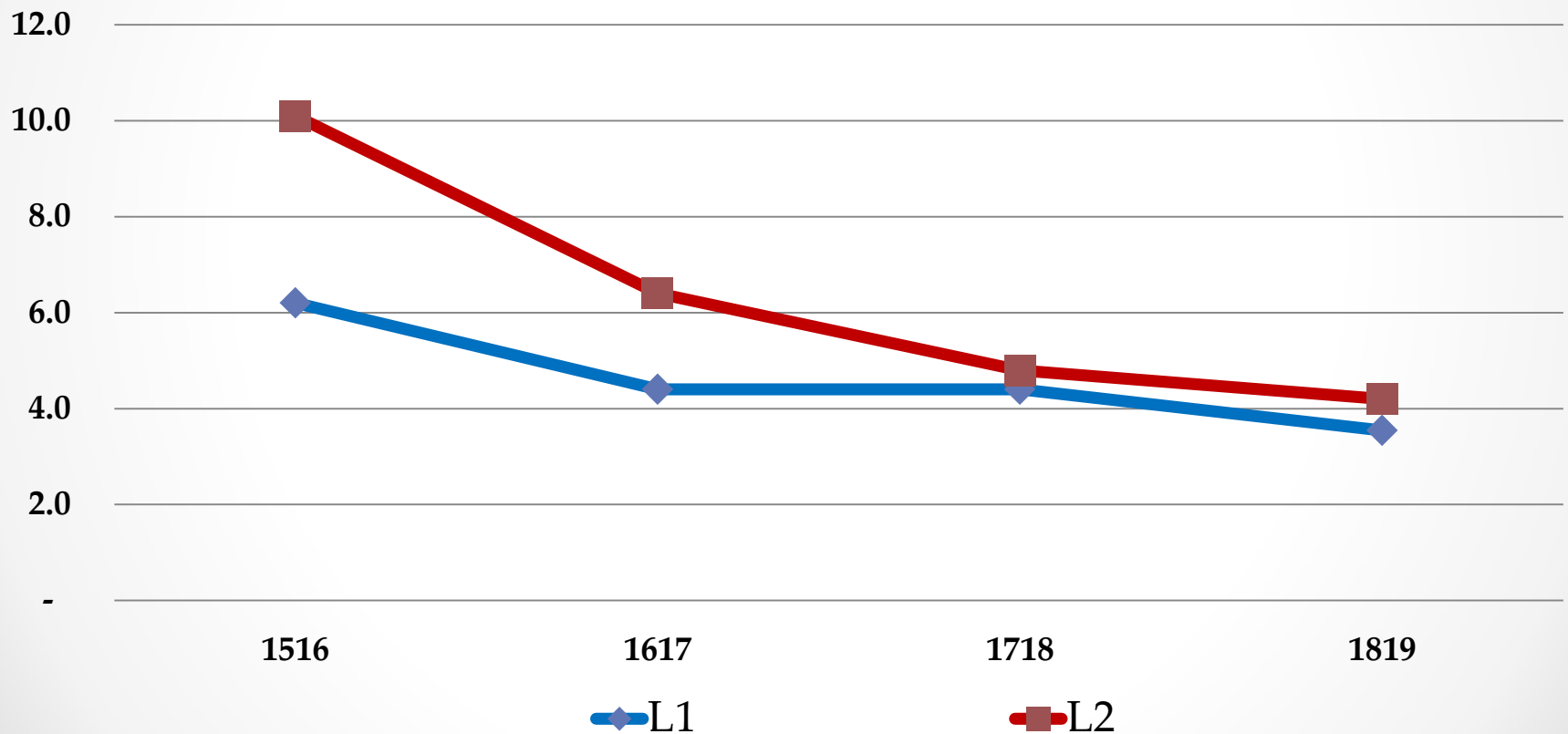


Code Stroke QI

- **Kaizan (QI) event held May & July 2019**
- Staff & physician goals / agenda
- QHC's Transformation office led event
- SE regional team attended
- **Focus to improve 4 key areas**
 - ✓ Reduce practice variation
 - ✓ Improve nursing teamwork in ICU & ED
 - ✓ Renew momentum & ownership for hyperacute care
 - ✓ Reduce door to needle times for tPA
- Peripheral focus - IP activation & LVO screening

Stroke Prevention Clinic

Wait time (days)



QDSAC

Quinte & District Stroke Advisory Council

- Excellent local support
- CCSH, QDR, QHC, Stroke Survivors, SE H&CC **& more**
- Co-chair also leads community stroke support groups
- Recent meeting had 3 survivors attend !!

Our team !!!



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