

Project Title

AM-EPIC: SingHealth Duke-NUS Cluster Wide Competency Framework for Patient Safety and Quality

Project Lead and Members

- Ken Lim
- Camilla Wong
- Nguk Lan Pang
- Kok Hian Tan
- Mun Hong Chow
- Hwee Boon Lim
- Phillip Cheong
- Debbie Wild
- Wee Heng Lim
- Francis Ngo

Organisation(s) Involved

Institute for Patient Safety & Quality, SingHealth Group Allied Health, SingHealth Polyclinic, Singapore General Hospital, Changi General Hospital, National Cancer Centre Singapore

Healthcare Family Group(s) Involved in this Project

Allied Health, Ancillary Care, Healthcare Administration, Medical, Nursing, Pharmacy

Aims

Development of the Academic Medicine-Enhancing Performance, Improving Care (AM-EPIC) framework and the results & the achievements from its establishment.

Background

See poster appended/ below

Methods

See poster appended/ below

Results

See poster appended/ below

Conclusion

See poster appended/ below

Project Category

Training & Education, Learning Theories & Framework

Care & Process Redesign, Value Based Care, Safe Care, International Patient Safety

Goals

Keywords

Patient Safety and Quality, AM-EPIC, Competency Framework

Name and Email of Project Contact Person(s)

Name: Camilla Wong Ming Lee

Email: singaporehealthcaremanagement@singhealth.com.sg

AM-EPIC: SingHealth Duke-NUS Cluster Wide Competency Framework for Patient Safety and Quality.

Ken LIM¹, Camilla WONG², Nguk Lan PANG¹, Kok Hian TAN¹, Mun Hong CHOW³, Hwee Boon LIM³, Phillip CHEONG⁴, Debbie WILD⁵, Wee Heng LIM⁵, Francis NGOI⁶
¹Institute for Patient Safety & Quality, ² SingHealth Group Allied Health, ³ SingHealth Polyclinic, ⁴ SGH, ⁵CGH, ⁶ NCCS

Background

Patient Safety and Quality (PSQ) are top priorities for SingHealth, the largest health cluster in Singapore with a combine staff strength of 28,000. Previously, SingHealth did not have a coordinated structure for the various PSQ competency & roles requirement of staff and there is poor professional recognition for staff contributing to the PSQ effort within cluster.

Aim

This poster shows the development of the Academic Medicine-Enhancing Performance, Improving Care (AM-EPIC) framework and the results & the achievements from its establishment.

Methodology

Literature reviews were conducted including the SHINE National Curriculum Guide, The Safety Competencies from the Canadian Patient Safety Institute as well as Duke's model on PSQ training.

The previous framework for quality improvement was reviewed and expanded to include additional domains of patient safety, risk management, innovation and patient centeredness. A sustaining multi-level professional recognition path for staff & faculty supporting PSQ work was added. All of the programmes were assigned into the various domains and levels after thorough deliberation on their learning outcomes.

New workshop and courses were aligned across the cluster, convened and developed under this framework. The learning outcomes for some of the programmes currently offered by the various SingHealth institutions were reviewed to see how some programmes should have common core learning outcomes e.g. Introduction to Quality & Safety

Result

A 4-Level PSQ competency framework (Foundation & Activist levels to Professional and Champion levels) has been created. (See Fig 1)



Fig.1 AM-EPIC competency framework for PSQ

New domains were created and many PSQ courses have been or are being developed and aligned to the 4 level PSQ framework stated in 4.1. (See Fig 2 & 3)

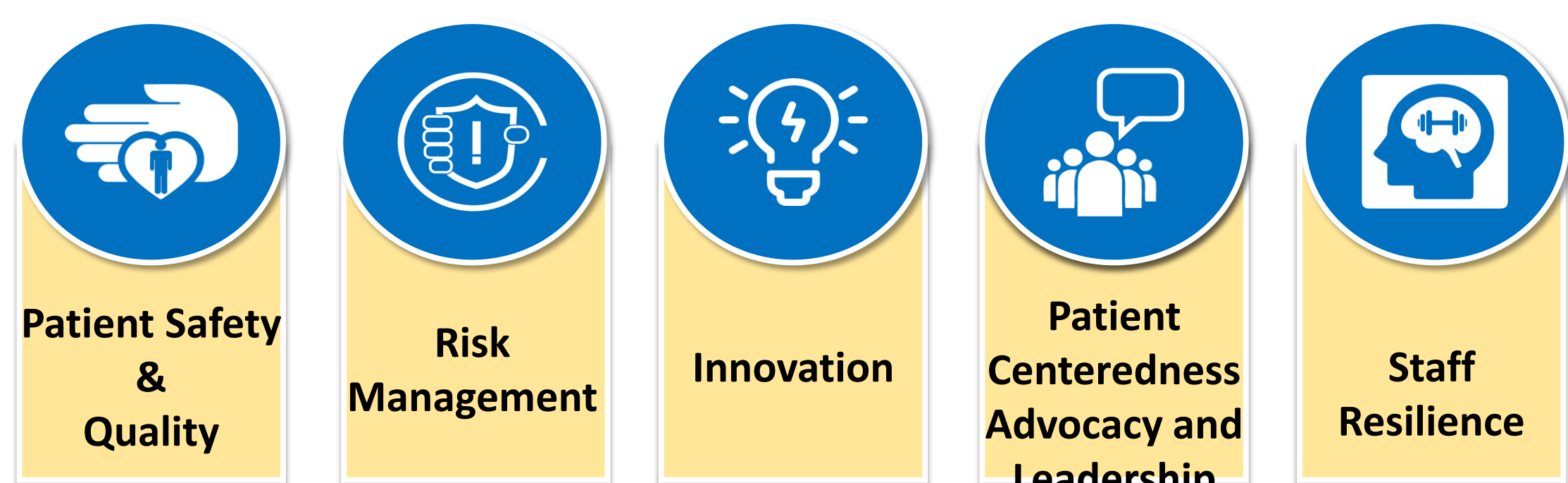


Fig.2 AM-EPIC domains

A multi-level professional recognition path for staff supporting PQS work was established which enhanced faculty sustainability. (See Fig 4)

Domain	Course Offerings	Champion	Professional	Activist	Foundation
Patient Safety & Quality	Introduction to Quality and Safety (Quality Improvement Workshop w/ Project) [2 day]			x	
	Overseas Improver Training [1 day]				x
	Effective Improver Training w/ Project: Workshop [2 day]			x	
	Essential Human Factors for the Healthcare Worker (E.H.F.) [1 day]				x
	Lean TeamSPEAK [1 day]				x
	TeamSTEPPS [1 day]			x	
Risk Management	Enterprise Risk Management (ERM) [1 day]		x		
	Design Thinking Workshop [2 day]				x
Innovation	Introduction to Design Thinking Workshop [0.5 day]				x
	Design Thinking Workshop [0.5 day]				x
	Creative Solutions for Quality Improvement [2 day]			x	
	Either Network Singapore Train the Trainer Class		x		
Patient Centeredness Advocacy Leadership	Either Network Singapore Coach Class			x	
	Assisting Individual in Crisis (Mental Health First Aid) [2 Day]				x
Staff Resilience	Building Resilience and Avoiding Burnout [2 Day]				x
					x

Fig.3 Courses listed within various domains

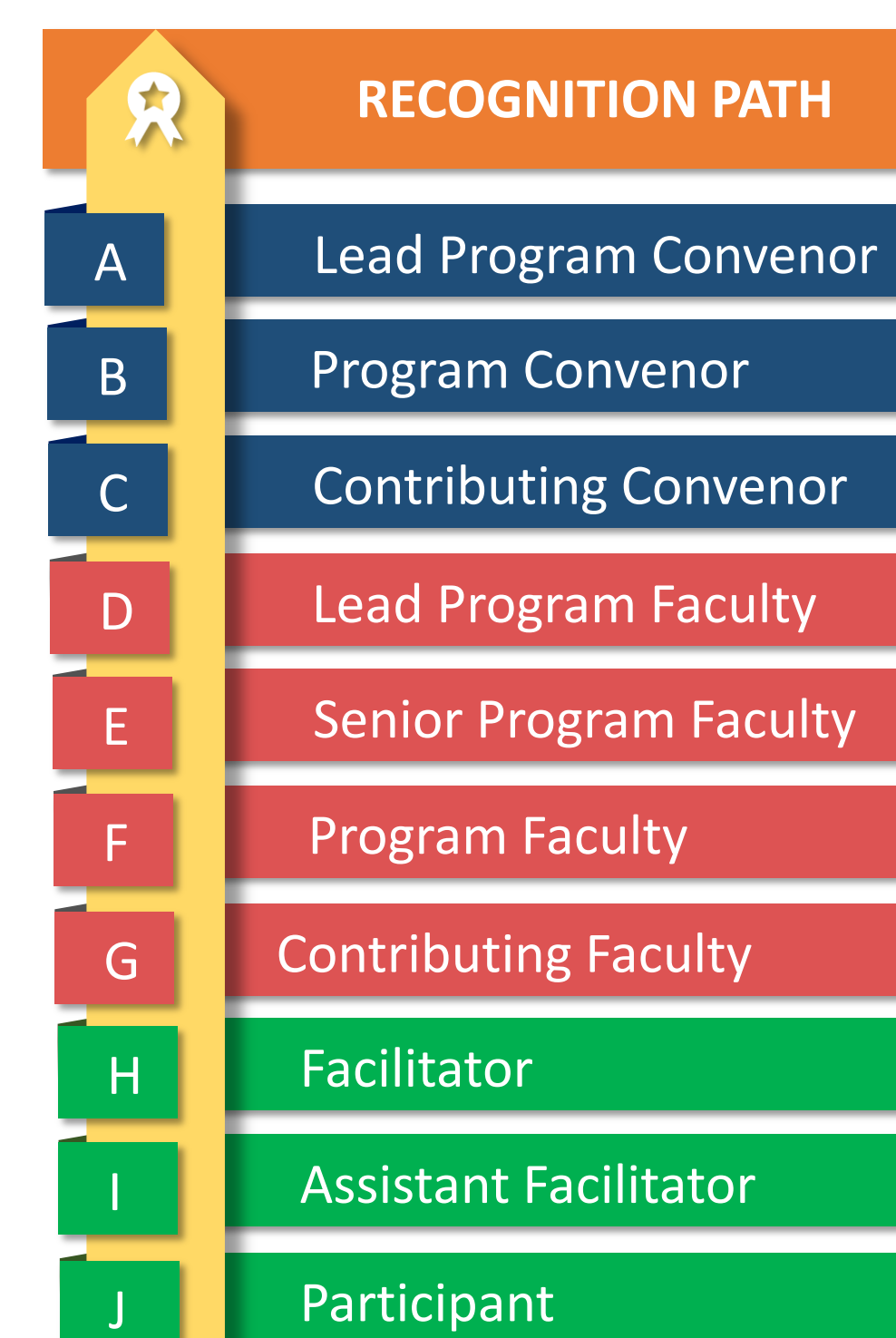


Fig.4 Professional Levels in AM-EPIC Framework

45 appointment letters issued under the recognition path as of 1 Jun 18.

Cross sharing of training manpower, resources and facilities at cluster level has been established. (See Fig 5,6,7,8)



Fig.5 QI Workshop



Fig.6 TeamSPEAK



Fig.7 Introduction to Design Thinking Workshop



Fig.8. Essential Human Factors for the Healthcare Professional

5. Conclusion

The establishment of AM-EPIC Framework has been successful and has strengthened patient safety and quality in SingHealth.