

Leading Organisational Spread in Improvement

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International Forum on Quality & Safety in Healthcare, 18 – 20 September 2019

"By healthcare institutions for healthcare institutions – Towards better patient outcomes"

Singapore Healthcare Improvement Network (SHINe)

Total number of member organisations in SHINe: 45



Large Scale Initiative 1

Take effective health care practices from one setting and make these practices ubiquitous across Singapore

Reduce Harm by 30% in 3 years

> 15 April 2014 to 30 April 2017



Large Scale Initiative Model



Will - Ideas - Execution









Learning Sessions



- 2 Day program held every 6 months bringing all teams together (200-400 persons)
- Format : Plenaries, breakout sessions, storyboards, world café;
- Engage, coach and teach teams about the improvement methodology, elements of the change package and help teams to plan next steps.
- Platform to share ideas, problem and solutions All Teach, All Learn.



Site Visits

3 days site visits to all teams every 6 months

Aims :

- Understand institution context and culture
- Provide directed coaching to team and frontline staff
- Engaging the leadership team
- Sharing and Learning between institutions

Participants : Faculty, Leadership team, Program Managers, team members, other institutions.





Learning Session	Number of Teams				Total
	Healthcare Infection Prevention	Medication Safety Promotion	Surgical Safety Promotion	Total	number of participants
LS 0	7	4	0	11	90
LS 1	9	7	2	18	120
LS 2	11	9	2	22	150
LS 3	14	10	5	29	220
LS 4	16	13	7	36	275
LS 5	20	15	7	42	253
LS 6	20	15	7	42	240
LS 7	21	17	7	45	244
LS 8	21	17	7	45	217
LS9	23	22	7	52	180
LS10	23	24	8	55	185

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Data correct as of 30 August 2019

Phases of a Quality Improvement Project



IHI Framework for Going Full Scale





Going to Full Scale

Set-up

Prepares the ground for entry of planned intervention that will be taken to full scale Identify initial test sites, early adopters and potential 'champions' of the intervention

Develop the Scalable Unit

Most intensive period of innovation, usually resulting in a large array of change ideas that are being tested and require vetting

Test of Scale-up

Tests the intervention in a variety of settings that are likely to represent different contexts that will be encountered at full scale

Go to Full Scale

Rapid deployment phase in which a well-tested set of interventions, supported by a reliable data feedback system, is adopted by frontline staff on a larger scale.



Adoption Mechanisms

Leadership Engage leaders

Communication Communicate value of the intervention

Policy *Identify/create policies with positive incentives*

Culture of urgency and persistence

Ref: The Spread and Sustainability of Quality Improvement in Healthcare, Quality Improvement Hub 2014

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Support Systems

Human capability for scale-up	 Staff training Communicate quantitative results and underlying stories of success to staff
Infrastructure for scale-up	 Identify resource constraints Ideally, scale-up can be achieved primarily through redesign rather than addition of new resources
Data collection and reporting systems	 Reliable systems to track and provide feedback on the performance of key processes and outcomes Data are accurate, complete and timely and shared frequently to inform of ongoing improvement.
Learning systems	 Mechanism for collecting, vetting and rapidly sharing change ideas or interventions Mechanism to assemble change ideas which result in improved performance into a change package
Design for sustainability	 Learnings associated with sustainability are shared and activities are well described, so that system cannot revert to its prior state of performance. Leadership commitment is pivotal

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Leadership



Goals



Vision



Communicate (positive and balanced)



Permission to Change and Learn **Shine**



Resources (incl leadership time/attention)



Tempo & Pace (with regular reviews)

Focus on Learning, NOT Perfection



Culture

- Importance of Context
 - Implementation plans that are not adaptive to local conditions or context are likely to result in unintended consequences
- Need to listen, engage and empower
 - Move authority downward so local decisionmakers can adapt to their own social and organizational environments to prevent poor choices at the local level:

"If you want to learn about the culture, <u>listen to the</u> <u>stories</u>. If you want to change the culture, <u>change the stories</u>."



Comprehensible, Manageable and Meaningful



Our achievements (1)



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Our achievements (2)



More than **90 program managers trained in 24 institutions** to support and facilitate improvement work within their institutions

Trained 55 improvement teams in improvement methodology in 24 institutions

Trained 16 Faculty members to plan, coach and support multiinstitution collaborative improvement work



Improvement as a social movement





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Thank you