Creating Learning Systems for Patient Flow

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6 Essential Capabilities to Creating High-Performing Organisations (KP)

- Leadership and the ability of leaders to identify the "vital few breakthrough opportunities"
- A systems approach
- Measurement capability at all levels
- The culture of a learning organisation (with an infrastructure to harvest best practices for sharing and learning to create potential for spreading practices with the greatest impact)
- Team engagement from the bottom up
- A strong internal capability to improve

Bosignano, M & Kennedy, C (2012) Pursing the Triple Aim



Characteristics Created By Leading QI Organisations To Deliver Improved Outcomes

Quality improvement education programme
Evidence based learning
Leadership development

Culture:

- Will
- Culture
- Measurement
- Evidence based
- Learning organisation

Build
Infrastructure
& Capacity

Technology & Innovation

 Real time measurement and information systems

Priorities maintained during crises
Stability of general management and
program management
Supporting and enabling staff in their "day
job" of improvement
Tools compatible with strategy and culture

Ref: Staines 2009



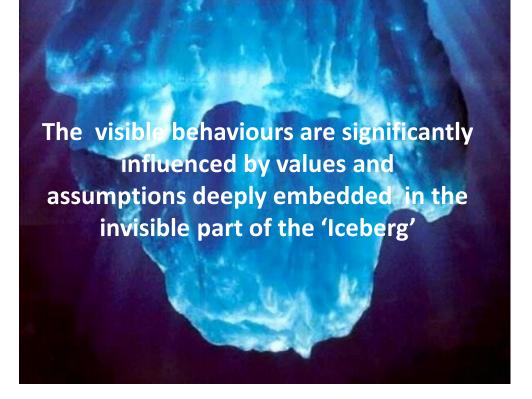
"Culture eats strategy for breakfast."



Missing the tip of the iceberg would be perilous

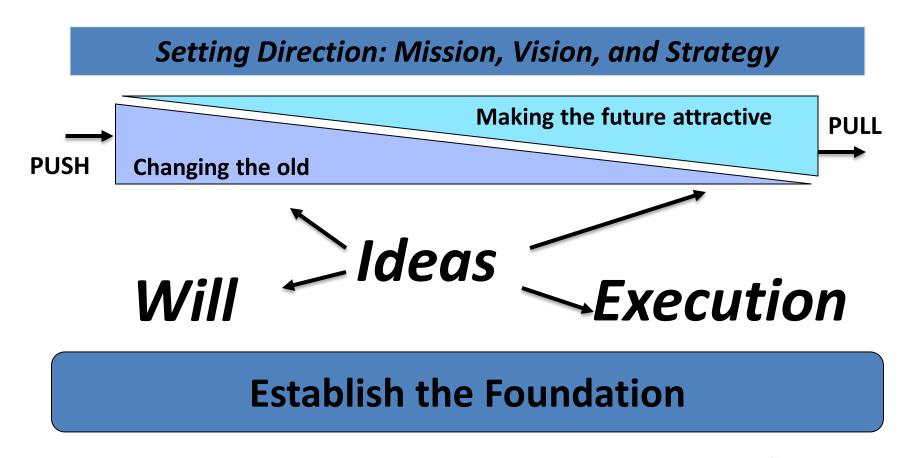


To be successful in any cross -cultural interaction one has to understand what is hidden beneath the surface and learn to negotiate carefully!





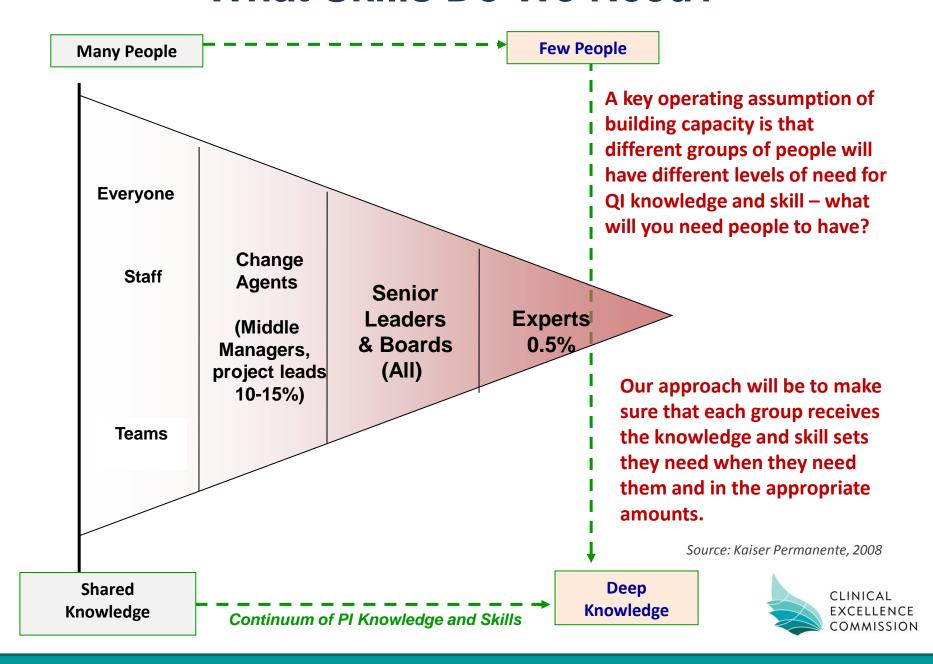
Framework: Leadership for Improvement







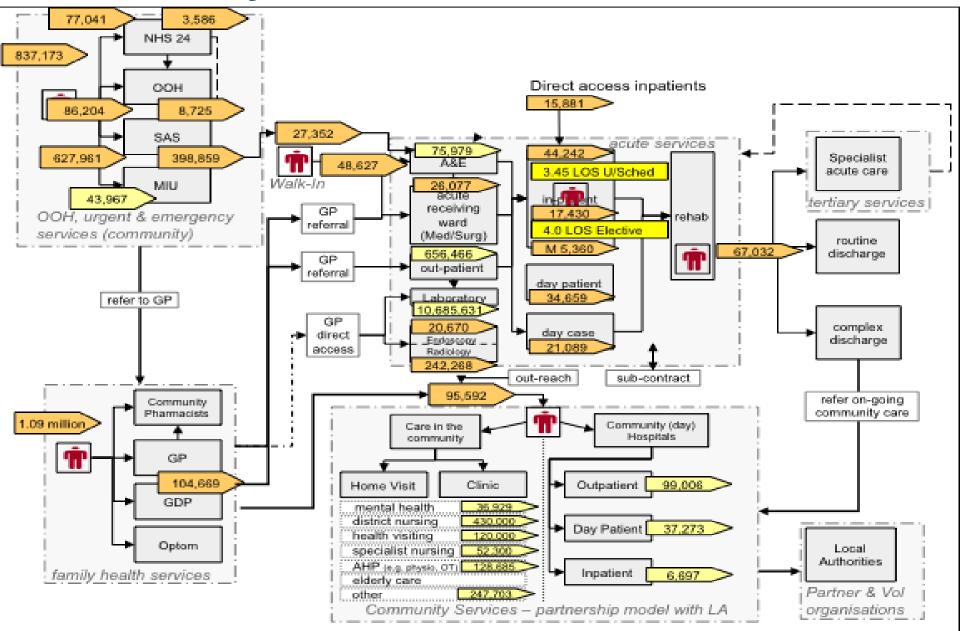
What Skills Do We Need?







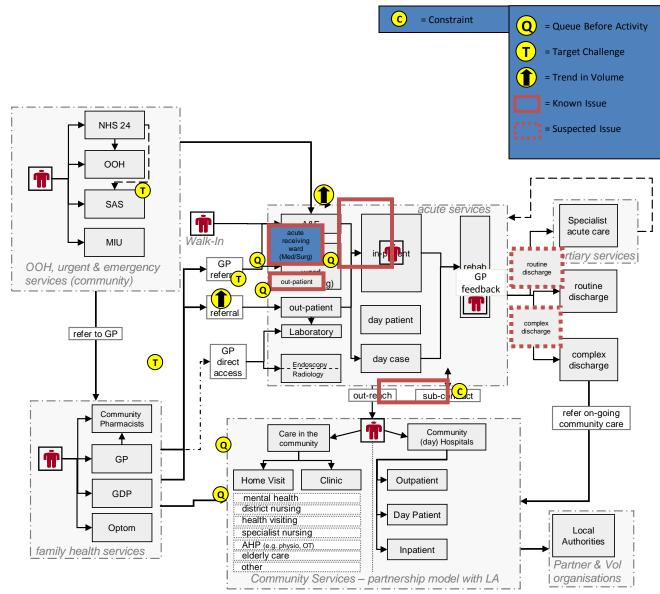
Whole System Model – Patient Flow



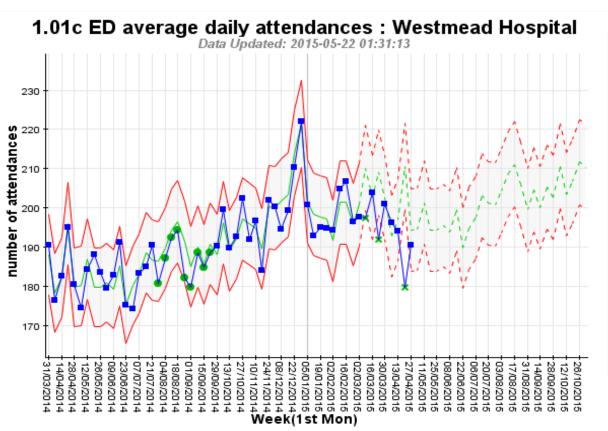
Whole System Model - Imbalance

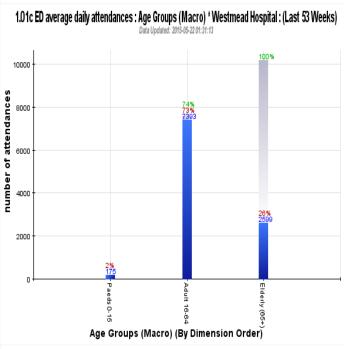
Areas of Imbalance:

- 1. Queues in the system
 - Admission queues post Decision to admit
 - Delayed discharge
- 2. Performance Vs. Target
 - Utilisation of beds across the system of care
 - Access
 - Internal targets on Turnaround
- 3. Trends
 - Increasing trend in referrals
 - Urgent & Emergency admissions
 - Patient safety
- 4. Constraints
 - Average Length of Stay
 - Availability of data



ED attendances follow a predictable pattern by week of the year and have been growing at an underlying rate of 8% per year. 73% of ED attendances are in the 16-64 age group

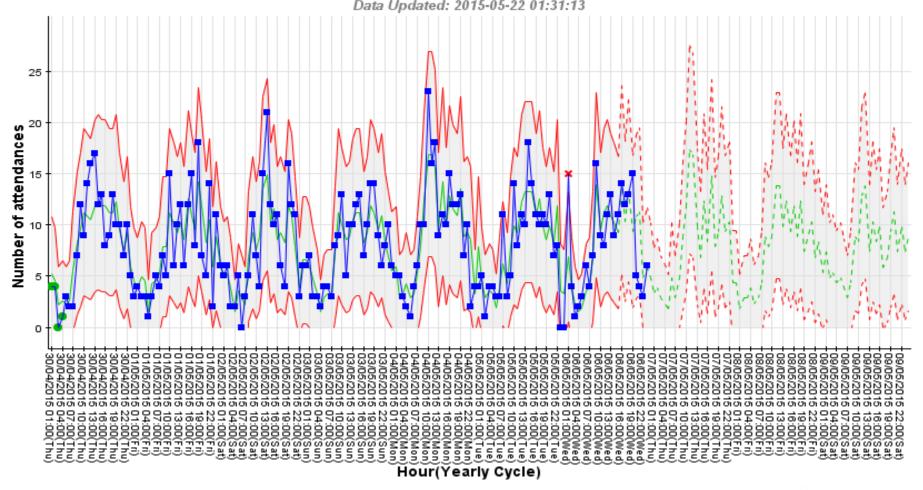






ED attendances are also highly predictable on an hour by hour basis through the week

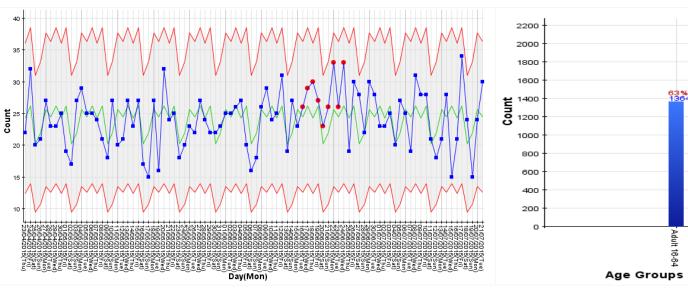
1.01b Total ED attendances - hourly : Westmead Hospital Data Updated: 2015-05-22 01:31:13

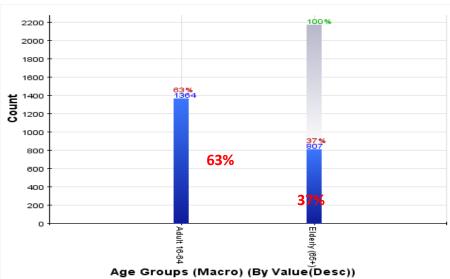


There are 25 ED presentations per day by patients who have attended ED 4 or more times in the past year. There is a higher percentage of elderly patients amongst this group (37%) than for total ED attendances (26%)

Patients attending ED >4 times in past 365 days

ED frequent attenders by age group

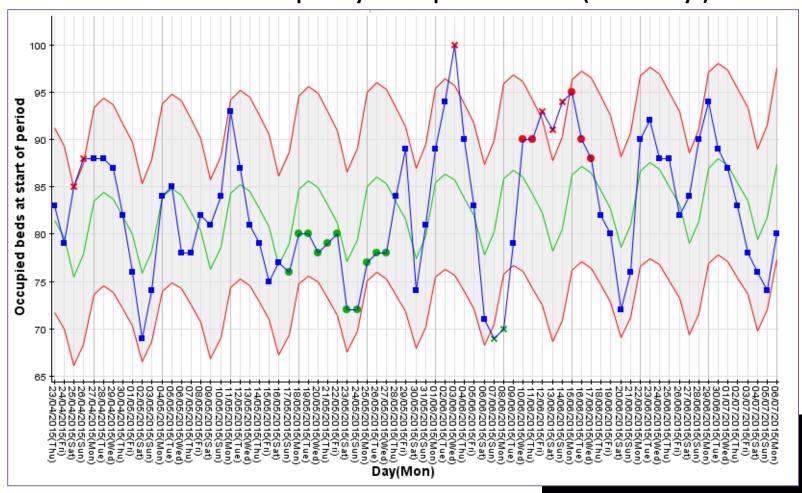






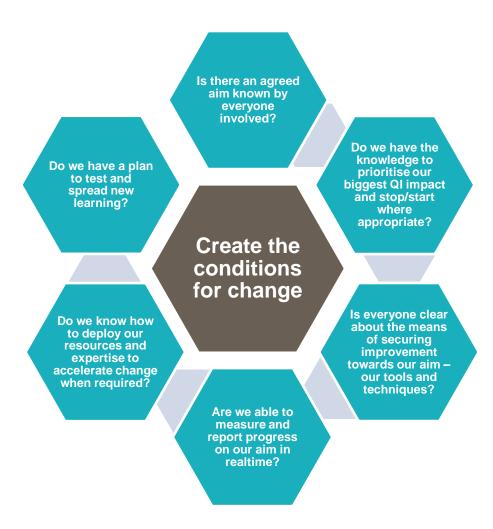
There are between 75 and 95 beds occupied by frequent attenders at any time

Number of beds occupied by ED frequent attenders (Last 91 days)





Creating the conditions for change...





How prepared is your Department and team?

Key Components*

- Will (to change)
- Ideas
- Execution

Self-Assessment

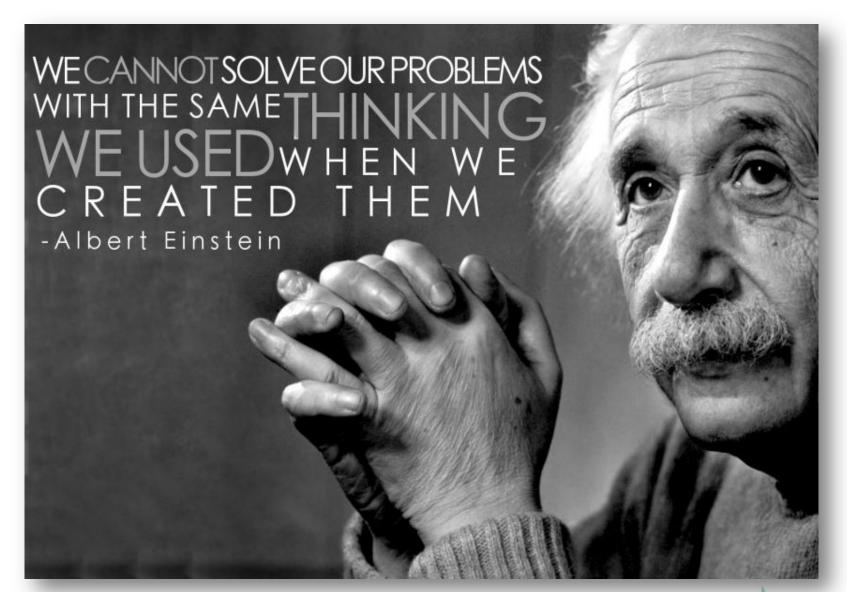
- Low Medium High
- Low Medium High
- Low Medium High

*All three components MUST be viewed together. Focusing on one or even two of the components will guarantee sub optimized performance. Systems thinking lies at the heart of improvement...



How much time do you spend building will for your improvement efforts?







Everyone in this room has the potential to be a disruptive innovator for improvement



Thank You

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