

Assessment of Implementation of Value Based Healthcare via an Implementation Toolkit: A Dual Institution Collaboration

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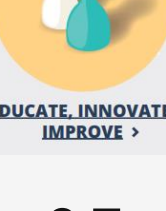
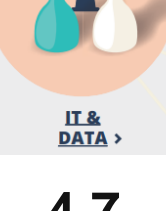

Introduction

Singapore General Hospital (SGH) is a tertiary academic medical centre and the largest hospital in Singapore. Following Singapore's recent healthcare reform to focus on preventive health and early intervention, and a shift from a workload-based to a capitation-based model¹, robust implementation of Value Based Healthcare (VBHC) has been identified by SGH as a key focus area.



Linnean Initiatief is a Dutch national network of leaders driving VBHC. It organizes network meetings to discuss the implementation of VBHC and has created knowledge products² to guide robust implementation. This includes a toolkit consisting of a VBHC Implementation Thermometer and an Implementation Guide. The toolkit has been mostly applied in the evaluation of a multidisciplinary team, and this poster explores a broader application as a systematic evaluation tool to assess SGH's current status from the perspective of an institution to identify areas of strengths and improvement.

Analysis

| Domain | Quick Scan Questions | Areas of Strength | Areas for Growth |
|--|--|---|--|
|  3.7 | <ol style="list-style-type: none">Are all healthcare professionals and support staff involved sufficiently represented in our team? 4Are patients represented in the evaluation and improvement of care? 2Do multidisciplinary progress and improvement meetings take place on a regular basis? 5 | <div>SGH VBC Council</div> <div>SGH VBHC Implementation Toolkit</div> <div>Quality Improvement</div> | <ul style="list-style-type: none">Monthly meeting with senior leadership to present updatesIn-house template as a step-by-step guide to aid creation of clear definitions & indicatorImprovement plans in mind, multidisciplinary team involvedIncreased representation of patients |
|  3.7 | <ol style="list-style-type: none">Is the care pathway well described and are health outcomes (Clinical and PROs) and casemix variables structurally measured for the medical condition? 4Are individual health outcomes discussed with the patient (as part of shared decision making)? 2To what extent are outcome data used to continuously improve care in our team? 5 | <div>SGH VBHC Implementation Toolkit</div> <div>Quarterly Reporting</div> <div>International benchmarking</div> | <ul style="list-style-type: none">Systematic implementation of PROMs<ul style="list-style-type: none">Variation in level of understandingNo integration to EMR |
|  2.3 | <ol style="list-style-type: none">Do we know the costs and reimbursements related to the medical condition? 3To what extent is our team financially responsible? 3Are there agreements with healthcare insurers on value-based contracts or payments? 1 | <div>Understanding components of cost bucket</div> <div>Developing Health Economics framework</div> | <ul style="list-style-type: none">Deeper understanding of payments processesIdentifying our cost driversExplore value-based payment |
|  3.7 | <ol style="list-style-type: none">To what extent are all healthcare providers in the entire (internal and external) care chain part of our team? 4Is the entire care chain jointly responsible for both outcomes and costs? 3To what extent are good practices shared outside our care chain to learn from? 4 | <div>Cluster benchmarking</div> <div>Cross-setting VBHC analysis</div> | <ul style="list-style-type: none">More collaboration with external partners |
|  2.7 | <ol style="list-style-type: none">To what extent is the philosophy of value-based healthcare known to all healthcare professionals and support staff involved? 4Is there an integrated quality policy, which also includes outcomes & costs? 2Are health outcomes and costs shared and/or compared with regional or (inter)national parties? 2 | <div>Quality Improvement</div> <div>Implementation Science</div> | <ul style="list-style-type: none">Further rigour in statistical methods for academic publication |
|  4.7 | <ol style="list-style-type: none">Are outcome data unambiguously recorded at the source? 5Are outcome data available in real time? 4Is outcome data displayed in useful overviews for the team? 5 | <div>Analytics & Dashboards</div> | <ul style="list-style-type: none">Dashboards for patientsePROMs platform |
|  4.0 | <ol style="list-style-type: none">Is/are the leader(s) inspiring and have good communication skills? 4Do all members of the multidisciplinary team know their roles and take responsibility? 4Is there a culture of enthusiasm and trust within the team, of learning and improving safely together? 4 | <div>Clinician Champions</div> <div>Improvement-focused Mindset</div> | <ul style="list-style-type: none">Further empowerment of non-clinicians (nurses, allied health staff, patients) |

Conclusions

Linnean's Implementation Toolkit allows for a systematic and comprehensive assessment of an institution's progress in VBHC, highlighting both strengths and opportunities for improvement. This allows for subsequent conversation in the institution to develop strategic areas to focus on in the immediate, mid and long term. This framework also facilitates discussion between different institutions to compare different areas of strengths to promote sharing of best practices. This has shown broader applicability of Linnean's toolkit as a versatile framework that can be applied to various levels ranging from a multidisciplinary team to an organisation.

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