

Collaborative Methodology

18th November 2015

Andrew Knight

5th August 2015



The Collaborative

Quality Improvement Collaboratives



‘A Breakthrough Series Collaborative is a short-term (6 to 15 month) learning system that brings together a large number of teams from hospitals or clinics to seek improvement in a focused topic area.’

IHI White Paper.





Deming



Nolan



Berwick



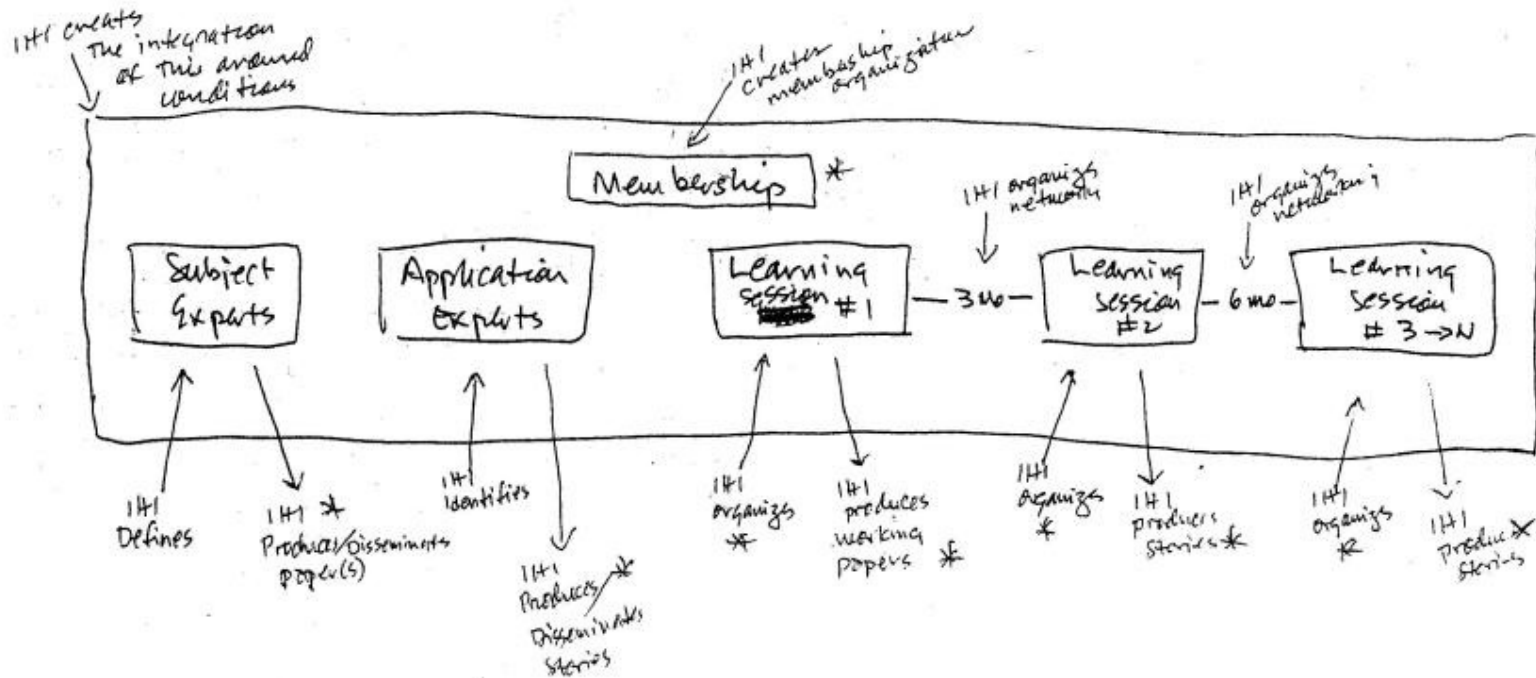
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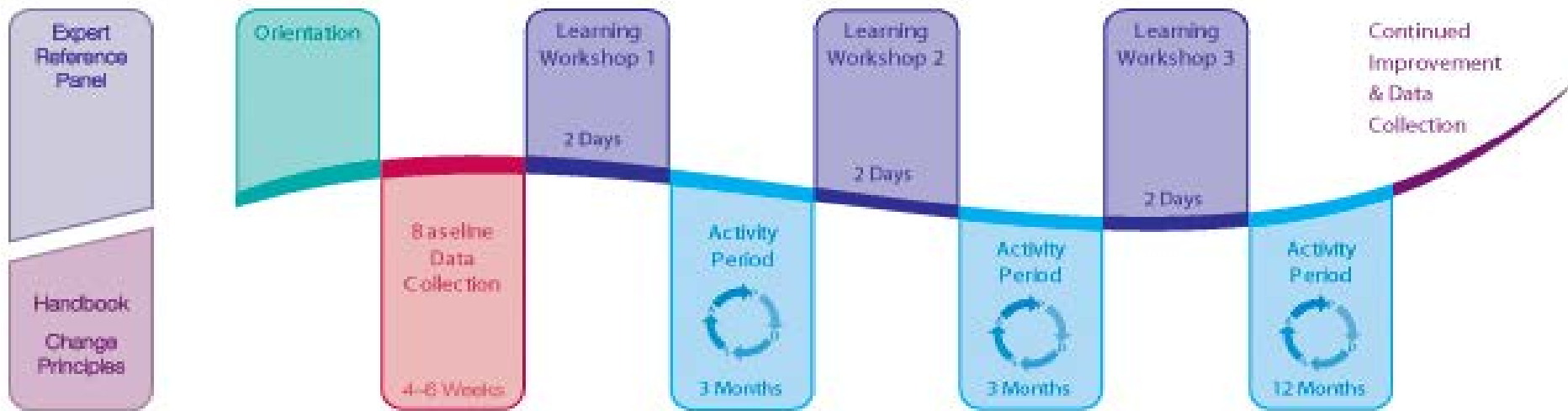
Dale Ford



Breakthrough Collaborative Series

Figure 1. Sketch of the Breakthrough Series Model by Paul Batalden, MD (1994)





Small teams - 18 months

3 workshops – aims, evidence, improvement, change principles, measures

Activity periods – PDSA cycles, measures,

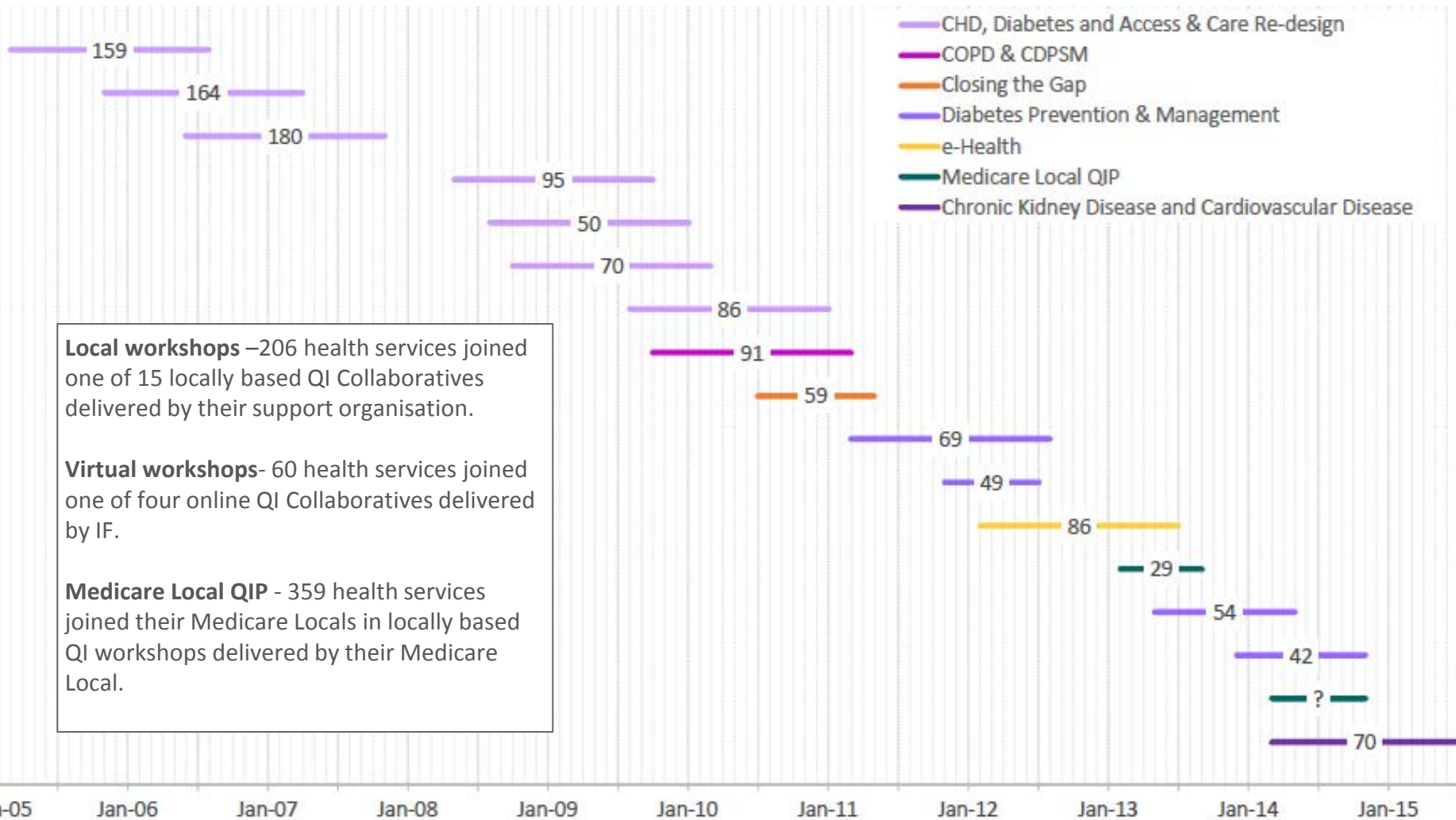
Monthly reports and cohort comparisons

Local support

Sharing of ideas

What happened

10 years of Improvement Foundation Collaboratives



Participation

improvement foundation
putting improvement first

if

Total services participating 1949 (unique 1230 approx. 18% of total)

Diabetes registers	302536
CHD registers	177740
COPD registers	41816
PDSAS	36000

if

Topics

Access, diabetes, CHD

Prevention

COPD

Patient self management

Diabetes prevention

Aboriginal health

E health

Quality Improvement
training

Chronic Kidney Disease

Patient safety

Cancer screening

improvement foundation
putting improvement first

if

if

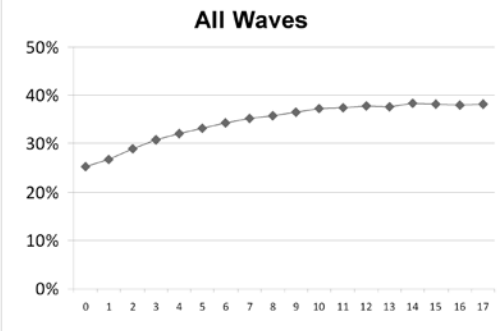
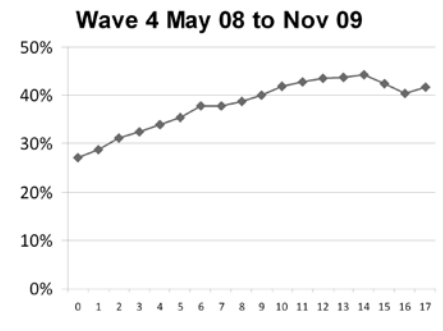
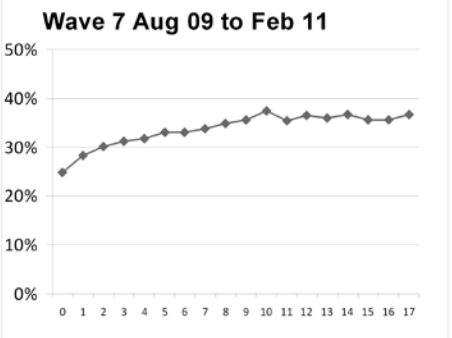
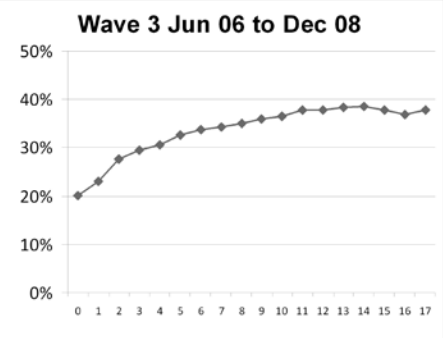
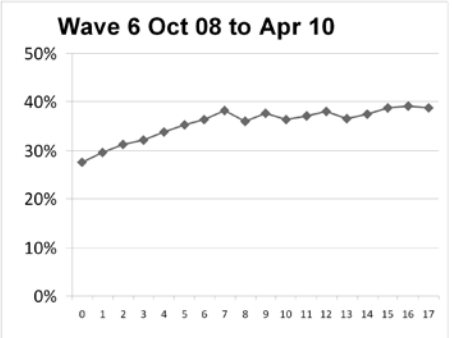
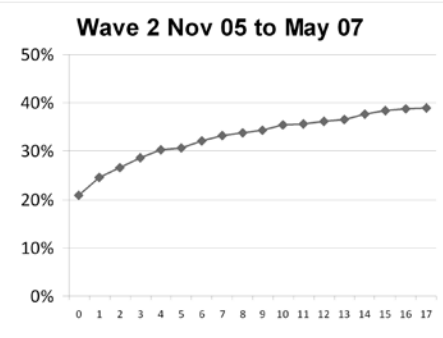
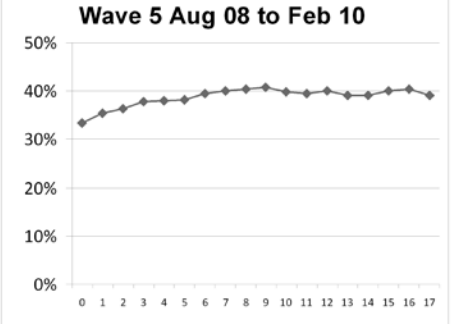
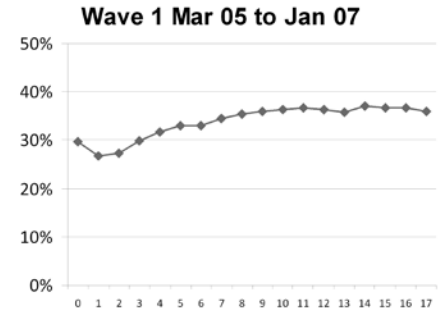


Schouten et al 2008

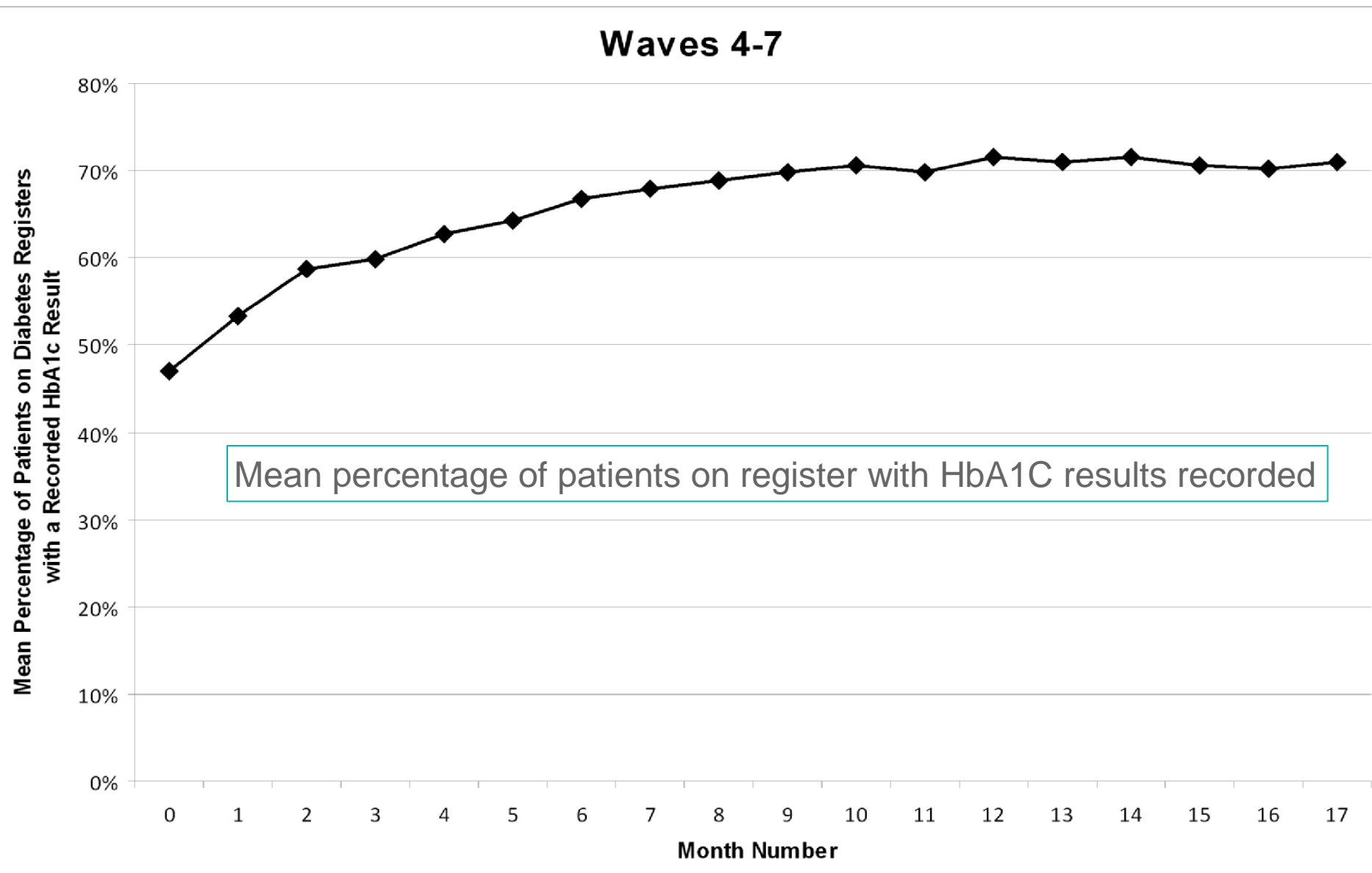
The evidence underlying quality improvement collaboratives is positive but limited and the effects cannot be predicted with great certainty.

What happened –Hba1c

Mean percentage of patients with an HbA1C \leq 7% n-743



What happened – HbA1C recorded



What works?

Short term

Aspects of teamwork

Participation in specific activities

Long term

Continuity of teams

Continuous data collection

Participant level more than patient level

Topic choice

Support

References

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