

MEASURING MATURITY OF INTEGRATED CARE

A first validation study

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Context study

Maturity of integrated care

"an evolutionary path of progress towards achieving integrated care"

To test content validity Maturity Model





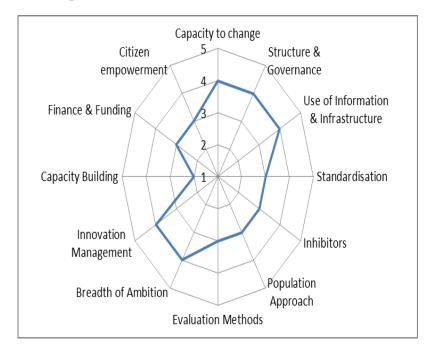
Context study

Maturity Model assessment scale

Readiness to Change

- 0 No acknowledgement of crisis
- 1 Crisis recognised, but no clear vision or strategic plan
- 2 Dialogue and consensus-building underway; plan being developed
- 3 Vision or plan embedded in policy; leaders and champions emerging
- 4 Leadership, vision and plan clear to the general public; pressure for change
- 5 Political consensus; public support; visible stakeholder engagement

Diagram for Scotland







Test content validity of MM

- The SCIROCCO project: to develop the Maturity Model into a validated and tested self-assessment tool
- Content validity: the degree to which the content of the Maturity Model is an adequate reflection of what the model aims to measure
- Literature review and Delphi study
- Articles retrieved from systematic review Bautista et al. (2016)* and narrative review

*Bautista, M, Nurjono, M, Lim, Y, Dessers, E and Vrijhoef, HJM (2016). Instruments measuring integrated care: a systematic review of measurement properties. Millbank Quarterly

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Test content validity of MM

12. Capacity Building

	Extremely irrelevant	Very irrelevant	Moderately irrelevant	Slightly irrelevant	Neither irrelevant nor relevant	Slightly relevant	Moderately relevant	Very relevant	Extremely relevant
12.1 No plan for capacity- building	\circ	\circ	\circ	\bigcirc	\bigcirc	\bigcirc	\circ	\circ	\bigcirc
12.2 Single organisational initiatives engaged in process improvement	\circ	\circ	\circ	\bigcirc	\bigcirc	\bigcirc	\circ	\bigcirc	\bigcirc
12.3 Some mechanisms for sharing knowledge among organisations	0	\circ	\circ	\circ	\circ	\circ	0	\circ	\circ
12.4 Systematic learning about IT; integrated care and change management	\circ	\circ	\circ	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
12.5 Knowledge shared, skills retained and lower turnover of experienced staff	0	\circ	0	0	\circ	\circ	\circ	\circ	0
12.6 A 'learning healthcare system' involving reflection and continuous improvement	\circ	\circ	\circ	\circ	\circ	\circ	\circ	0	\circ



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Results literature review



All 12 dimensions and the related indicators described by the MM corresponded with the content of the 11 retrieved articles





Results Delphi study round 1

- Agreement on relevance of all dimensions of the MM
- Insufficient agreement on first maturity indicators

Assessment scale Information and eHealth services:

- 0 No connected health services, just isolated medical record systems
- 1 No integrated services used, only pilots/local services
- 2 eHealth deployed in some areas, but limited to specific organisations or patients
- 3 Voluntary use of regional/national eHealth services across the healthcare system
- 4 Mandated or funded use of regional/national eHealth infrastructure across the healthcare system
- 5 Universal, at-scale regional/national eHealth services used by all integrated care stakeholders.





Results Delphi study round 2 & 3

 Sufficient agreement on almost every rephrased indicator, except for first indicators of CE and EM

Full agreement among experts after the third Delphi round





Conclusion

- Maturity measurement in integrated care is not yet strongly developed
- MM is found to be a comprehensive instrument

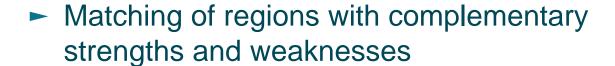
- The dimensions, maturity indicators of MM showed satisfactory content validity
- Additional testing is needed to evaluate the robustness of the MM





Further steps SCIROCCO

Self-assessment in five European regions



Basque Country

Knowledge-sharing to facilitate the exchange of good practices and scaling-up of integrated Scotland care processes in Europe







THANK YOU!

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