

digitalhealth

**REWired**

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Headline Sponsors:



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What are the characteristics of  
successfully implemented clinical  
decision support systems?

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# Scoping review



Search of peer reviewed and grey literature



Manual search of health-tech websites



3784 examples found



21 included in the final analysis

- In regular clinical use
- Meets the definition of 'CDSS'

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Coherence	Is there a clear understanding of how the new service differs from existing practice?	Positive	Negative	Positive	Positive	Positive	Neutral	Positive	Mandated	Positive	Negative	Mandated	Mandated	Mandated	Neutral	Positive	Positive	Positive	Positive	Positive	Positive	Positive	
	Do individuals have a shared understanding of the aims, objectives & expected benefits of the service?	Neutral	Positive	Positive	Positive	Positive	Not reported	Neutral	Not reported	Positive	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Positive	Positive	Positive	Negative	Not reported	
	Do individuals have a clear understanding of their specific tasks and responsibilities in implementation?	Positive	Not reported	Neutral	Negative	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive
	Do individuals understand the value, benefits and importance of the service?	Not reported	Neutral	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive
Cognitive participation	Do individuals “buy-in” to the idea?	Positive	Not reported	Neutral	Negative	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	
	Can individuals sustain involvement?	Positive	Positive	Positive	Negative	Neutral	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	
	Are key individuals willing to drive implementation?	Not reported	Negative	Positive	Positive	Positive	Not reported	Not reported	Not reported	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	
	Do individuals believe it is right to be involved?	Positive	Not reported	Negative	Positive	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	
Collective action	How does the innovation affect roles and responsibilities or training needs?	Positive	Not reported	Positive	Positive	Positive	Positive	Positive	Negative	Not reported	Neutral	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	
	Is there organisational support?	Neutral	Negative	Neutral	Positive	Positive	Not reported	Neutral	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	
	Does the service make people’s work easier?	Neutral	Positive	Not reported	Negative	Not reported	Positive	Negative	Not reported	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Positive	
	Do individuals have confidence in the new system?	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	
Reflexive monitoring	Do individuals try to alter the service?	Positive	Not reported	Neutral	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	
	How do groups judge the value of the service?	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	
	How do individuals appraise effects on them and their work environment?	Positive	Positive	Not reported	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	
	How are benefits / problems identified?	Not reported	Positive	Neutral	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	



# With thanks to:

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# Take part:



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