

Health Quality Ontario

Let's make our health system healthier

Electronic Monitoring Systems to Assess Urinary Incontinence: Health Quality Ontario Recommendation

FINAL RECOMMENDATION

- Health Quality Ontario, under the guidance of the Ontario Health Technology Advisory Committee, recommends against publicly funding electronic monitoring systems to assess urinary incontinence

RATIONALE FOR THE RECOMMENDATION

The Ontario Health Technology Advisory Committee reviewed the findings of the health technology assessment¹ and determined that there was insufficient evidence that the use of electronic monitoring systems improved clinical outcomes when compared with standard incontinence assessment.

The committee expressed a willingness to reconsider its recommendation when more evidence becomes available.

Public Comment: Held January 3 to January 24, 2018.

Decision Determinants for Electronic Monitoring Systems to Assess Urinary Incontinence

Decision Criteria	Subcriteria	Decision Determinants Considerations
Overall clinical benefit How likely is the health technology/intervention to result in high, moderate, or low overall benefit?	Effectiveness How effective is the health technology/intervention likely to be (taking into account any variability)?	Because of the very low quality of evidence, we are uncertain whether electronic monitoring systems to assess urinary incontinence are better than standard incontinence assessment.
	Safety How safe is the health technology/intervention likely to be?	Electronic monitoring systems are very safe.
	Burden of illness What is the likely size of the burden of illness pertaining to this health technology/intervention?	In Ontario, more than 400,000 (~3%) persons have urinary incontinence.
	Need How large is the need for this health technology/intervention?	The unmet need could be large.
Consistency with expected societal and ethical values^a How likely is adoption of the health technology/intervention to be congruent with societal and ethical values?	Societal values How likely is the adoption of the health technology/intervention to be congruent with expected societal values?	Adoption of the health technology is expected to be congruent with societal values.
	Ethical values How likely is the adoption of the health technology/intervention to be congruent with expected ethical values?	Adoption of the health technology is expected to be congruent with ethical values.
Value for money How efficient is the health technology/intervention likely to be?	Economic evaluation How efficient is the health technology/intervention likely to be?	Because of the lack of information on clinical outcomes and resource use for electronic monitoring systems to assess urinary incontinence, Health Quality Ontario did not undertake a primary economic evaluation.
Feasibility of adoption into health system How feasible is it to adopt the health technology/intervention into the Ontario health care system?	Economic feasibility How economically feasible is the health technology/intervention?	Adoption of the health technology would cost approximately \$6.4 million in the first year of implementation and \$1.6 million in each subsequent year.
	Organizational feasibility How organizationally feasible is it to implement the health technology/intervention?	

^aThe anticipated or assumed common ethical and societal values held in regard to the target condition, target population, and/or treatment options. Unless there is evidence from scientific sources to corroborate the true nature of the ethical and societal values, the expected values are considered.

REFERENCE

- (1) Health Quality Ontario. Electronic monitoring systems to assess urinary incontinence: a health technology assessment. Ont Health Technol Assess Ser [Internet]. 2018 May;18(3):1–60. Available from: <http://www.hqontario.ca/evidence-to-improve-care/journal-ontario-health-technology-assessment-series>

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About the Ontario Health Technology Advisory Committee

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