



Topic Exploration Report

Topic explorations are designed to provide a high-level briefing on new topics submitted for consideration by Health Technology Wales. The main objectives of this report are to:

1. Inform discussions on new topics received by HTW.
2. Determine the quantity and type of evidence available on a topic.
3. Assess the topic against HTW selection criteria.

Topic:	Urine biomarkers for the monitoring of health and well-being
Topic exploration report number:	TER029
Referrer:	John Draper, Aberystwyth University
Topic exploration undertaken by:	Cedar evaluation centre

Aim of Search

On behalf of Health Technology Wales, Cedar researchers searched for evidence on the clinical and cost-effectiveness of using urine biomarker testing to identify people with deteriorating health in the community to prevent readmission to hospital.

Summary of Findings

No relevant evidence was identified.

Areas of Uncertainty

Due to the lack of evidence, there is uncertainty about the clinical or cost-effectiveness of the technology, and what health benefits it could offer in addition to current care.

Feasibility of Technology Assessment

Given the lack of published evidence, any HTW guidance would most likely be inconclusive. HTW's Assessment Group therefore concluded not to progress this topic further.

Brief literature search results

Resource	Results
NICE	We did not identify any relevant evidence from this source.
SIGN	We did not identify any relevant evidence from this source.
Guidelines International Network	We did not identify any relevant evidence from this source.
BMJ Best Practice	We did not identify any relevant evidence from this source.
epistemonikos.org	We did not identify any relevant evidence from this source.
evidence.nhs.uk/	We did not identify any relevant evidence from this source.
Medline	We did not identify any relevant evidence from this source.
Cochrane library	We did not identify any relevant evidence from this source.
Clinicaltrials.gov	We did not identify any relevant evidence from this source.
Social Care Online	We did not identify any relevant evidence from this source.

Date of search:	April 2018
Concepts used:	urine biomarker; health deterioration