Title: Point-of-care Troponin T Testing in Remote Nursing Stations: Guidelines for Use

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Research questions:

1. What are the guidelines for use of point-of-care testing for troponin T in patients presenting with symptoms of acute coronary syndrome (ACS) in remote nursing stations?

2. What are the guidelines for the management of acute coronary syndrome (ACS) in patients with clinically insignificant electrocardiographic findings in remote nursing stations?

Methods:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 2, 2008), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international HTA agencies, and a focused Internet search. Results include articles published between 2003 and June 2008, and are limited to English language publications only. No filters were applied to limit the retrieval by study type. Internet links are provided, where available.

Results:

The literature search identified 12 guidelines for troponin T testing in patients presenting with symptoms of ACS and for the management patients with non-diagnostic ECG findings (non-ST segment elevation). None of these guidelines are specific to remote nursing stations and many do not address point of care testing, but were included if they present recommendations for when discharge would be appropriate based on test results. Additional references of potential interest are included in the Appendix.
Guidelines and recommendations


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Appendix – Further information

Health Technology Assessments

Structured abstract available: http://www.crd.york.ac.uk/CRDWeb/ShowRecord.asp?View=Full&ID=32004000090

Randomized controlled trials


Observational studies


**Guidelines and recommendations**


Additional references


