Bladder ultrasonography for diagnosing detrusor overactivity: test accuracy study and economic evaluation


Record Status
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Citation

Authors' objectives
To estimate the reliability, reproducibility, accuracy and acceptability of bladder wall thickness (BWT) in women with overactive bladder (OAB), measured by ultrasonography, in the diagnosis of detrusor overactivity (DO); to explore the role of urodynamics (UDS) and its impact on treatment outcomes; and to conduct an economic evaluation of alternative care pathways.

Authors' conclusions
There was no evidence that BWT had any relationship with DO, regardless of the cut-off point, nor any relationship to symptoms as measured by the ICIQ-OAB. Bladder ultrasonography has no diagnostic or prognostic value as a test in this condition. Furthermore, despite its greater acceptability, BWT measurement was not sufficiently reliable or reproducible.

Final publication URL
http://www.journalslibrary.nihr.ac.uk/hta/hta20070/#/abstract

Indexing Status
Subject indexing assigned by CRD

MeSH
Humans; Cost-Benefit Analysis; Urinary Bladder, Overactive; Urodynamics

Language Published
English

Country of organisation
England

English summary
An English language summary is available.

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AccessionNumber
32016000118

Date abstract record published
27/01/2016