

NHS Evidence – Kidney Diseases and Male Urogenital Disorders: search strategies for Annual Evidence Updates

www.library.nhs.uk/kidney

NHS Evidence

NHS Evidence – www.evidence.nhs.uk - went live in April 2009 to provide evidence-based health and social care information for NHS England.

Specialist collections

NHS Evidence - kidney diseases and male urogenital disorders is one of 34 online specialist collections provided by the National Institute for Health and Clinical Excellence (NICE).

The specialist collections aim to be 'one stop shops' for users, providing free access to evidence on a 24/7 basis online. They contain links to all of the guidance, evidence, reference materials, CPD and other learning resources, and patient information.

Annual Evidence Updates

One of the specialist collections' unique selling points are Annual Evidence Updates (AEUs). They are defined in the most recent Guidance as follows:

"An Annual Evidence Update presents the incidence of high-quality research evidence over a specific time period for a particular health condition, as well as national documents (for example, Department of Health or NHS) relevant to the specialist collection's content development strategy."

AEUs help professionals to keep up to date with the latest evidence in a subject area.

Our AEUs

The kidney diseases and male urogenital disorders specialist collection is contracted under our Service Level Agreement with the National Institute for Clinical Excellence to present three AEUs per year on the website. We present two AEUs each year on kidney topics, pre- and post- kidney failure, and one AEU on a topic relating to male urogenital disorders, urinary incontinence.

Starting the search

The search for the latest evidence begins three months before the AEU is due to be launched.

The search results are sent to the clinical lead to review and commentate on, before we add the material to the website in time for the launch date.

Search filters

The INTERTASC Information Specialists Sub-Group is a valuable source for search filters for Systematic Reviews and other study types:

"The Search Filters Resource aims to provide easy access to published and unpublished search filters. It also provides information and guidance on how to critically appraise search filters, study design filters in progress and information on the development and use of search filters."

<http://www.york.ac.uk/inst/crd/intertasc/index.htm>

We used the latest Clinical Evidence systematic review search filters to search MEDLINE and Embase for this AEU.



Proteinuria and eGFR search filter

*PROTEINURIA/
exp ALBUMINURIA/
"urinary protein".ti,ab
"urine protein".ti,ab
"urinary albumin excretion".ti,ab
"urine albumin excretion".ti,ab
microalbuminuria.ti,ab
macroalbuminuria.ti,ab
proteinuria.ti,ab
*GLOMERULUS FILTRATION RATE/
"estimated glomerular filtration rate".ti,ab
"estimating glomerular filtration rate".ti,ab
"estimated gfr".ti,ab
"estimating gfr".ti,ab
egfr.ti,ab

Developed by Jo Hunter, Bodleian Health Care Libraries, 2008.

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Health Libraries Group Conference 2010

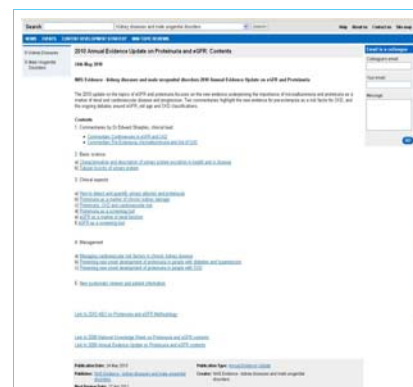
Proteinuria and eGFR AEU – launched 24 May 2010

Testing the urine for proteinuria indicates the amount of protein that the kidneys are 'leaking' when urine is produced. The estimated glomerular filtration rate (eGFR) is the gold standard kidney function measurement. Both are used to test for and diagnose chronic kidney disease, so that the appropriate treatment and management can be prescribed to patients. This was the third AEU our specialist collection has produced on this subject.

AEU search strategy

- Searched MEDLINE and Embase using the Clinical Evidence systematic review search filters AND a search filter developed specifically to retrieve evidence on proteinuria and eGFR.
- Search results limited to publications dated April 2009 – April 2010, to provide the evidence published since the last AEU on this topic, presented on our website in May last year.
- Results sifted using the Cochrane definition of a systematic review and meta-analysis.
- Sifted results sent to our clinical lead to sift.
- Dr Edward Sharples wrote 13 commentaries updating the evidence from 2008.
- The content went live on the website on Monday 24th May.

Next AEU:
Post Transplant Lymphoproliferative Disorders post renal transplant – December 2010



<http://tinyurl.com/3a9oyuf>
2010 Annual Evidence Update on Proteinuria and eGFR