



UNIVERSIDAD PERUANA  
**CAYETANO HEREDIA**  
FACULTAD DE MEDICINA

**TRABAJO DE INVESTIGACIÓN PARA OPTAR EL  
GRADO ACADÉMICO DE BACHILLER EN  
MEDICINA**

**TÍTULO:**

**EVALUACIÓN DE LA CALIDAD METODOLÓGICA DE LAS  
REVISIONES SISTEMÁTICAS EN UROLOGÍA**

**ALUMNO(S):**

Callupe Angeles Yumi

Ortiz Acha Karol Zenaida

Torres Gutierrez Nel

**ASESOR:**

LESLIE SOTO ARQUIÑIGO

**2018**

## Tabla de contenidos

Resumen .....	3
Abstract .....	4
Introducción .....	5
Materiales y métodos .....	7
Estrategia de búsqueda .....	7
Criterios de inclusión .....	8
Extracción de datos .....	8
Evaluación de la calidad metodológica: .....	9
Análisis estadístico.....	9
Resultados .....	10
Discusión.....	13
Conclusiones .....	16
Declaración de conflictos de interés.....	16
Declaración de financiamiento y agradecimientos.....	16
Referencias Bibliográficas .....	17
Tablas y figuras .....	20

# EVALUACIÓN DE LA CALIDAD METODOLÓGICA DE LAS REVISIONES SISTEMÁTICAS Y METANÁLISIS EN UROLOGÍA

## Resumen

**Introducción** Las revisiones sistemáticas son la síntesis exhaustiva de múltiples estudios y representan la evidencia de mayor nivel. Por ello es importante que tengan una calidad metodológica óptima. En el presente estudio, determinaremos la calidad metodológica de las revisiones sistemáticas en urología.

**Materiales y Métodos:** Se realizó una búsqueda manual y sistemática en PubMed en las 19 principales revistas de urología y la Biblioteca Cochrane, desde 1998 hasta Marzo 2017. Se incluyeron los estudios sobre prevención y/o tratamiento. Dos revisores aplicaron el instrumento AMSTAR para evaluar la calidad metodológica de las revisiones sistemáticas. El análisis estadístico se hizo con la prueba estadística T de student.

**Resultados:** 453 revisiones cumplieron con los criterios de inclusión. El promedio AMSTAR de todas las revisiones fue de 5.16. Menos de la mitad de revisiones sistemáticas evaluaron y documentaron la calidad de los estudios y menos del 20% de artículos revisados tuvo un protocolo previo. Las revisiones indexadas en Cochrane y las que no lo estaban tuvieron un promedio AMSTAR DE 7.55 y 4.89 respectivamente. En los estudios publicados entre 2009-2017 el promedio AMSTAR fue de 5.32, frente a 4.54 en los estudios entre 1998-2008.

**Conclusión:** La calidad de las revisiones sistemáticas en urología es subóptima. La calidad de los estudios ha mejorado luego del 2009, aunque no es lo esperable por la introducción de PRISMA. Las revisiones indexadas a Cochrane tienen mejor calidad.

**Palabras clave** Revisión sistemática, urología, metodología.

# METHODOLOGICAL QUALITY EVALUATION OF THE SYSTEMATIC REVIEWS AND META-ANALYSIS IN UROLOGY

## **Abstract**

**Introduction:** A systematic review needs an exhaustive search of multiples studies for acquisition of the highest scientific evidence. Therefore, it is imperative that they have an optimal methodological quality. In the present study, we determine the methodological quality of systematic reviews in Urology.

**Materials and Methods:** A systematic and manual search review was conducted in the Cochrane Library aswell as in the PubMed database taking into account the 19 main Urology's journals. The search was made from 1998 to March 2017. Studies about prevention and/or treatment were included. Two reviewers applied the AMSTAR instrument to assess the methodological quality of systematic reviews. The statistical analysis was done based on with the student's Tdistribution statistical test.

**Results:** 453 reviews meet the inclusion criteria. AMSTAR's mean from all reviews were 5.16. Less than half of systematic reviews assessed and documented the quality of studies and less of than 20% of the articles reviewed had a previous study protocol. The reviews indexed in Cochrane and those that were not had an AMSTAR mean of 7.55 and 4.89 respectively. The AMSTAR mean in published studies from 2009 to 2017 was 5.32 compared to 4.54 of studies published from 1998 to 2008.

**Conclusions:** The quality of systematic reviews in urology is suboptimal. The quality of the studies has improved after 2009, although not as expected after the introduction of PRISMA. Reviews indexed to Cochrane have better quality in comparison.

**Key words:** Systematic review, Urology, Methodology.

## **Introducción**

Las revisiones sistemáticas y metanálisis son las herramientas científicas de máxima evidencia, empleadas por los profesionales de la salud para la toma de decisiones clínicas(1–3).

Este tipo de investigaciones se basan en la pesquisa exhaustiva y minuciosa de diferentes estudios sobre un tema clínico en específico. Para su realización se requiere un protocolo estricto, métodos de búsqueda amplios, criterios de inclusión y exclusión bien establecidos, además de una evaluación crítica y análisis de la calidad de cada uno de los estudios incluidos. Adicionalmente, algunas revisiones sistemáticas abarcan un metanálisis: la combinación de los resultados de estudios individuales para generar un resumen estadístico(2,4).

A través de la síntesis de múltiples estudios, las revisiones sistemáticas permiten un acceso más eficiente y rápido a la evidencia, considerando el escaso tiempo, recursos y herramientas a disposición para evaluar los diversos estudios que abarcan un mismo tema(3).

Por tanto, es importante que estas revisiones sistemáticas y metanálisis sean de excelente calidad metodológica. Al ser evidencia de nivel 1 de acuerdo al Centro de Medicina Basada en Evidencia de Oxford(5), son base para la realización de guías de práctica clínica y también para futuras preguntas de investigación

El Grupo Cochrane creó la Biblioteca Cochrane en 1993, cuyo fin es albergar revisiones sistemáticas de alta calidad. Para la publicación en esta biblioteca se deben cumplir extensos requisitos de reporte, protocolos previos y un análisis reproducible(6). Las revisiones que se publicaban fuera, no tenían los mismos requerimientos de reporte y solían tener menor calidad. Por eso, en el año 2009 se desarrolló la herramienta

Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA)(7), que ayuda a los autores a mejorar la calidad y reproducibilidad de revisiones sistemáticas y meta-análisis

En Urología, se logra ver que se publican cada vez más revisiones sistemáticas por año. Sin embargo, según una investigación del año 2008, la calidad de estas no es óptima, ni ha mejorado con el tiempo(8). Debido a que la mayoría de guías clínicas, se basan en los estudios de mayor evidencia, es imperativo que se asegure la calidad de estas.

En el presente estudio, evaluaremos la calidad metodológica de las revisiones sistemáticas y metanálisis en urología; nos centraremos en las investigaciones de tratamiento y prevención que son los temas pilares de las guías clínicas. Además analizaremos la calidad de los trabajos antes y después del 2009, por el probable impacto de la publicación de la herramienta PRISMA, y otros factores asociados a la calidad de los trabajos.

## **Materiales y métodos**

El presente estudio es una revisión sistemática de revisiones sistemáticas, desarrollado según las recomendaciones para este tipo de estudios (9). Se realizó un protocolo previo a la realización de este estudio, el cual se registró en la base de datos PROSPERO (número de registro 89903).

### Estrategia de búsqueda

El 20 de marzo del 2017 se realizó una revisión sistemática y manual realizó la búsqueda de la literatura, desde el año 1998 hasta la fecha de la búsqueda.

Se pudieron consultar las revistas de urología hasta la revista que ocupaba el puesto 19 de acuerdo al factor de impacto reportado por SCImago Journal & Country Rank(10).

Se utilizó la base de datos de Pubmed para la búsqueda de artículos relevantes entre las revistas usadas. Se utilizó el buscador avanzado para indicar el nombre de la revista y las palabras clave: “Systematic review” dentro de los títulos o abstracts; además se usaron conectores como “OR” para combinar todas las revistas. La estrategia completa puede verse en el ANEXO 1.

No se realizó la búsqueda en otras bases de datos, ya que todas las revistas analizadas se encontraban indexadas a PubMed.

Asimismo, se realizó una búsqueda manual de todas las revisiones del grupo de Urología de la Biblioteca Cochrane (publicadas en <http://urology.cochrane.org/our-reviews>), contemplando los criterios de inclusión. No se contempló restricciones de idioma ni tipo de publicación, no se realizó búsqueda de literatura gris.

### Criterios de inclusión

Incluimos todas las revisiones sistemáticas que hayan aplicado métodos para identificar, seleccionar y resumir la evidencia científica en humanos relacionada al tratamiento y prevención de problemas urológicos.

Se excluyeron las revisiones que trataron temas como pronóstico y diagnóstico, revisiones narrativas, guías de práctica clínica y los meta-análisis de estudios individuales sin búsqueda sistemática.

### Extracción de datos

Primero dos de los autores revisaron independientemente los títulos y resúmenes identificados de la búsqueda electrónica para determinar estudios potencialmente elegibles. Luego los mismos dos autores examinaron a texto completo todos los estudios seleccionados, y determinaron la inclusión de los artículos de acuerdo a los criterios de inclusión ya establecidos. Cuando hubo discrepancias, estas se resolvieron por medio de la participación de un tercer revisor.

Dos de los autores de la revisión extrajeron la data de los estudios, incluyendo las siguientes características:

- Autor, año de publicación y revista
- Afiliación de alguno de los autores al grupo Cochrane
- Ítems para el formulario AMSTAR
- Número de estudios incluidos
- Declaración de conflicto de interés
- Reporte del año de búsqueda



Se desarrolló una plantilla en Microsoft® Excel para recoger estos datos. Dos autores llenaron la plantilla de manera independiente y luego con la participación de un tercer revisor construyeron una sola matriz.

#### Evaluación de la calidad metodológica:

Se utilizó la herramienta AMSTAR (Assessing the Methodological Quality of Systematic Reviews)(11) (ANEXO 2), para evaluar la calidad de los estudios incluidos. AMSTAR consiste en 11 criterios validados, debido a que la herramienta no ha sido validada en español, se usó en su idioma original. Dos autores completaron independientemente la herramienta AMSTAR, se resolvieron las discrepancias a través de un tercer autor. La evaluación completa se puede ver en el ANEXO 3.

#### Análisis estadístico

Para realizar el análisis descriptivo se utilizó el paquete estadístico R V 3.3.2; las características más importantes se presentan en tablas. La hipótesis estadística se evaluó usando la prueba t de Student si la distribución cumplía con los criterios de normalidad. Todas las pruebas se realizarán tomando en cuenta la significancia estadística  $<0.05$ .

## Resultados

Los resultados de la búsqueda en la literatura se presentan en un diagrama de flujo (figura 1). Luego de realizar una estrategia de búsqueda integral, se identificaron 1026 artículos relevantes, de los cuales 394 fueron excluidos de acuerdo al título o abstract o por estar duplicados. Se revisaron de forma manual los 632 manuscritos seleccionados a texto completo, excluyendo 179 artículos que no cumplían con los criterios de inclusión, quedándonos finalmente con 453 artículos.

Se encontró que el número de revisiones es muy escaso antes del año 2000; luego, este empieza a aumentar en el año 2005. La mayor cantidad de revisiones sistemáticas en urología se ha dado en los últimos años: 60 en el 2015 y 63 en el 2016. (Tabla 1)

Cuarenta y ocho (9,3%) de las revisiones tenían a uno de sus autores afiliados a Cochrane, 45 (9,9%) revisiones estaban indexadas en la Biblioteca Cochrane y 193 (42.6%) fueron metanálisis. (Tabla 2)

El tema más abordado fue oncología, con 168 estudios (37%), seguido de disfunción urinaria con 121 estudios (26.7%). Los temas con menor cantidad de investigaciones fueron los de litiasis renal/manejo endoscópico y trauma/reconstrucción; con 27 (5.9%) y 25(5.5%) revisiones respectivamente. (Tabla 3)

Se encontraron trabajos relevantes en 16 de las 19 revistas de urología consultadas. No se incluyó ningún artículo de las revistas: American Journal of Physiology - Renal Physiology, Prostate y Nature Reviews Urology. La revista que presentó la mayor cantidad de revisiones sistemáticas es European Urology con 120 artículos (26.49%) y

promedio AMSTAR score de 5.49; seguido de BJU International, con 62 artículos (13.68%) y promedio de AMSTAR score de 4.5; y Journal of Urology con 60 artículos (13.24%) y promedio de AMSTAR score de 4.52. Además, se incluyeron 36 trabajos (7.94%) publicados exclusivamente en la Biblioteca Cochrane, con un promedio de AMSTAR de 8.14. (Tabla 4)

El promedio AMSTAR de todas las revisiones incluidas en este estudio fue de 5.16. La figura 4 resume la evaluación de la calidad de los estudios analizados. En general, la mayoría de revisiones sistemáticas cumplen los criterios AMSTAR de búsqueda sistemática, exposición de la lista de artículos incluidos y exposición de las características de los artículos. Lamentablemente, menos de la mitad de revisiones sistemáticas evalúan y documentan la calidad de los estudios que incluyen y menos del 20% de artículos revisados tiene un protocolo previo. Por otro lado, la mayoría de revisiones sistemáticas no reportan cabalmente la búsqueda de literatura gris, el análisis de sesgo de publicación y los métodos para hallar la medida resumen.

Se compararon las revisiones indexadas en Cochrane y las que no lo estaban. Las revisiones indexadas a Cochrane obtuvieron un promedio AMSTAR de 7.55, mientras que las no indexadas obtuvieron un promedio de 4.89. La diferencia es estadísticamente significativa. (Tabla 5 y figura 2)

Finalmente se analizó la calidad de los estudios publicados entre 1998-2008 y 2008-2017. Se determinó que en el intervalo más reciente el promedio AMSTAR es de 5.32,

y de 4.54 en el intervalo de 1998-2008. La diferencia, aunque pequeña en números absolutos, resultó estadísticamente significativa. (Tabla 6 y figura 3)

## **Discusión**

En nuestro estudio hemos hallado que de manera general la calidad de las revisiones sistemáticas en urología es subóptima. La mayoría de estudios no cumple con todos los criterios de calidad de AMSTAR y tienden a no reportar información importante.

De manera similar, el estudio de MacDonald (8), que evaluó la calidad de las revisiones sistemáticas de urología entre 1998 y el 2008, encontró que la media de puntuación AMSTAR de todas las revisiones sistemáticas de Urología fue sólo de 4.8, cifra cercana al promedio encontrado en nuestro estudio de 5.16.

La distribución del porcentaje de estudios que cumplen los criterios de AMSTAR varía considerablemente entre el trabajo de MacDonald(8) y el nuestro. Así, por ejemplo, en el estudio citado encuentran que la mayoría de estudios tenía un protocolo, y que más de la mitad evaluaron y documentaron la calidad de los estudios incluidos, mientras en nuestro estudio solo una minoría de artículos cumple estos criterios. Creemos que estas diferencias se encuentran porque el trabajo de MacDonald(8) solo abarcó 4 revistas, sin lograr una buena representatividad de toda la literatura urológica.

En nuestro estudio, si bien hemos encontrado que las revisiones sistemáticas publicadas entre el 2009-2017 tienen un mayor puntaje AMSTAR que las publicadas antes del 2009, la diferencia absoluta no es muy grande (5.32 vs 4.54). La mejora de la calidad puede estar relacionada con la publicación en el año 2009 de la herramienta PRISMA(7), la que consiste en un listado de 27 requisitos y 4 diagramas de flujo que aseguran la calidad de la revisión sistemática e incluyen todos los apartados de AMSTAR. Sin embargo, se hubiera esperado un aumento mayor del puntaje AMSTAR.

Si bien la mayoría de revistas recomienda el uso de PRISMA, no se conoce hasta qué punto examinan estrictamente todos los requisitos de esta herramienta. En el estudio de Pussegoda, se encontró que la adherencia de las revisiones sistemáticas de toda la literatura médica a todos los puntos de PRISMA es muy baja(12).

Hemos determinado también que las revisiones sistemáticas publicadas en Cochrane tienen un puntaje AMSTAR mayor a las no publicadas en Cochrane (7.55 vs 4.89) Este hallazgo no es una sorpresa, pues el grupo Cochrane lidera y da las directrices de calidad metodológica de las revisiones sistemáticas(13). Resultados similares se han encontrado en el trabajo de McDonald(8) y en otro que evalúa la calidad de revisiones sistemáticas de oncología pediátrica(14).

La herramienta AMSTAR ha sido actualizada recientemente a AMSTAR 2(15), esta contiene los ítems originales y 5 criterios adicionales. Al momento no se ha encontrado ningún trabajo haya utilizado esta herramienta, la validez de la misma se comprobará en futuras investigaciones.

Nuestro estudio tiene fortalezas como el uso de una herramienta AMSTAR, validada para evaluar la calidad metodológica de las revisiones sistemáticas (16,17). Sin embargo, también tiene limitaciones importantes. Por motivos de recursos y tiempo, sólo pudimos incluir 19 revistas de Urología, si bien éstas representan a las revistas de mayor de impacto, el no incluir todas las revistas de Urología ni tampoco literatura gris pudo generar un sesgo de selección y de publicación respectivamente, lo cual debe tomarse en cuenta.

Asimismo, tampoco se contemplaron los requerimientos metodológicos de cada revista y la adherencia de los autores a estos, ya que no se buscó información sobre si todas las revistas exigen que los estudios publicados en estas cumplan los criterios de la herramienta PRISMA.

Creemos que es necesario promover los principios de la medicina basada en la evidencia entre los autores, lectores y las revistas de urología. Por lo cual recomendamos a los editores de las revistas urológicas a tener estándares altos de calidad metodológica y a promover el reporte completo en las revisiones sistemáticas, tal como lo establece PRISMA (7) y el grupo Cochrane (13). Además, los lectores deben conocer los criterios de calidad de las revisiones sistemáticas para poder hacer una lectura crítica y tomar decisiones con la mejor evidencia en la práctica clínica.

## **Conclusiones**

La calidad de las revisiones sistemáticas en urología es subóptima. La mayoría de revisiones no cumplen con todos los criterios de calidad y omiten información importante en su reporte.

La calidad de las revisiones del 2009-2017 es superior a las del 1998-2008; sin embargo, la diferencia no es grande como se esperaría por la introducción de PRISMA en el 2009.

La calidad de las revisiones indexadas en la Biblioteca Cochrane es superior a las que no están indexadas en esta base.

Recomendamos a los autores y revistas seguir las guías que aseguren la óptima calidad de las revisiones sistemáticas.

## **Declaración de conflictos de interés**

Declaramos que ninguno de los autores ni el asesor de este trabajo tiene conflictos de interés.

## **Declaración de financiamiento y agradecimientos**

Este estudio ha sido autofinanciado por los autores.



## Referencias Bibliográficas

1. Impellizzeri FM, Bizzini M. SYSTEMATIC REVIEW AND META-ANALYSIS: A PRIMER. *Int J Sports Phys Ther.* 2012 Oct;7(5):493–503.
2. Uman LS. Systematic Reviews and Meta-Analyses. *J Can Acad Child Adolesc Psychiatry.* 2011 Feb;20(1):57–9.
3. Green S. Systematic reviews and meta-analysis. *Singapore Med J.* 2005 Jun;46(6):270–273; quiz 274.
4. Pai M, McCulloch M, Gorman JD, Pai N, Enanoria W, Kennedy G, et al. Systematic reviews and meta-analyses: an illustrated, step-by-step guide. *Natl Med J India.* 2004 Apr;17(2):86–95.
5. Masic I, Miokovic M, Muhamedagic B. Evidence Based Medicine – New Approaches and Challenges. *Acta Inform Medica.* 2008;16(4):219–25.
6. Summerbell CD, Chinnock P, O'Malley C, van Binsbergen JJ. The Cochrane Library: more systematic reviews on nutrition needed. *Eur J Clin Nutr.* 2005 Aug;59 Suppl 1:S172-178; discussion S195-196.
7. Moher D, Liberati A, Tetzlaff J, Altman DG, The PRISMA Group. Preferred Reporting Items for Systematic Reviews and Meta-Analyses: The PRISMA Statement. *PLoS Med.* 2009 Jul 21;6(7):e1000097.
8. MacDonald SL, Canfield SE, Fesperman SF, Dahm P. Assessment of the methodological quality of systematic reviews published in the urological literature from 1998 to 2008. *J Urol.* 2010 Aug;184(2):648–53.

9. Smith V, Devane D, Begley CM, Clarke M. Methodology in conducting a systematic review of systematic reviews of healthcare interventions. *BMC Med Res Methodol*. 2011 Feb 3;11:15.
10. Falagas ME, Kouranos VD, Arencibia-Jorge R, Karageorgopoulos DE. Comparison of SCImago journal rank indicator with journal impact factor. *FASEB J Off Publ Fed Am Soc Exp Biol*. 2008 Aug;22(8):2623–8.
11. Shea BJ, Grimshaw JM, Wells GA, Boers M, Andersson N, Hamel C, et al. Development of AMSTAR: a measurement tool to assess the methodological quality of systematic reviews. *BMC Med Res Methodol*. 2007;7:10.
12. Pussegoda K, Turner L, Garritty C, Mayhew A, Skidmore B, Stevens A, et al. Systematic review adherence to methodological or reporting quality. *Syst Rev*. 2017 Jul 19;6(1):131.
13. MacLehose H, Hilton J. Changes to the Cochrane Library during the Cochrane Collaboration's first 20 years. *Cochrane Database Syst Rev*. 2013 Jan 23;(2):ED000050.
14. Lundh A, Knijnenburg SL, Jørgensen AW, van Dalen EC, Kremer LCM. Quality of systematic reviews in pediatric oncology--a systematic review. *Cancer Treat Rev*. 2009 Dec;35(8):645–52.
15. AMSTAR 2: a critical appraisal tool for systematic reviews that include randomised or non-randomised studies of healthcare interventions, or both | *The BMJ* [Internet]. [cited 2018 Feb 8]. Available from: <http://www.bmj.com/content/358/bmj.j4008>

16. Shea BJ, Hamel C, Wells GA, Bouter LM, Kristjansson E, Grimshaw J, et al. AMSTAR is a reliable and valid measurement tool to assess the methodological quality of systematic reviews. *J Clin Epidemiol.* 2009 Oct;62(10):1013–20.
17. Pollock M, Fernandes RM, Hartling L. Evaluation of AMSTAR to assess the methodological quality of systematic reviews in overviews of reviews of healthcare interventions. *BMC Med Res Methodol.* 2017 23;17(1):48.

## Tablas y figuras

Figura 1: Flujograma del proceso de selección de estudios.

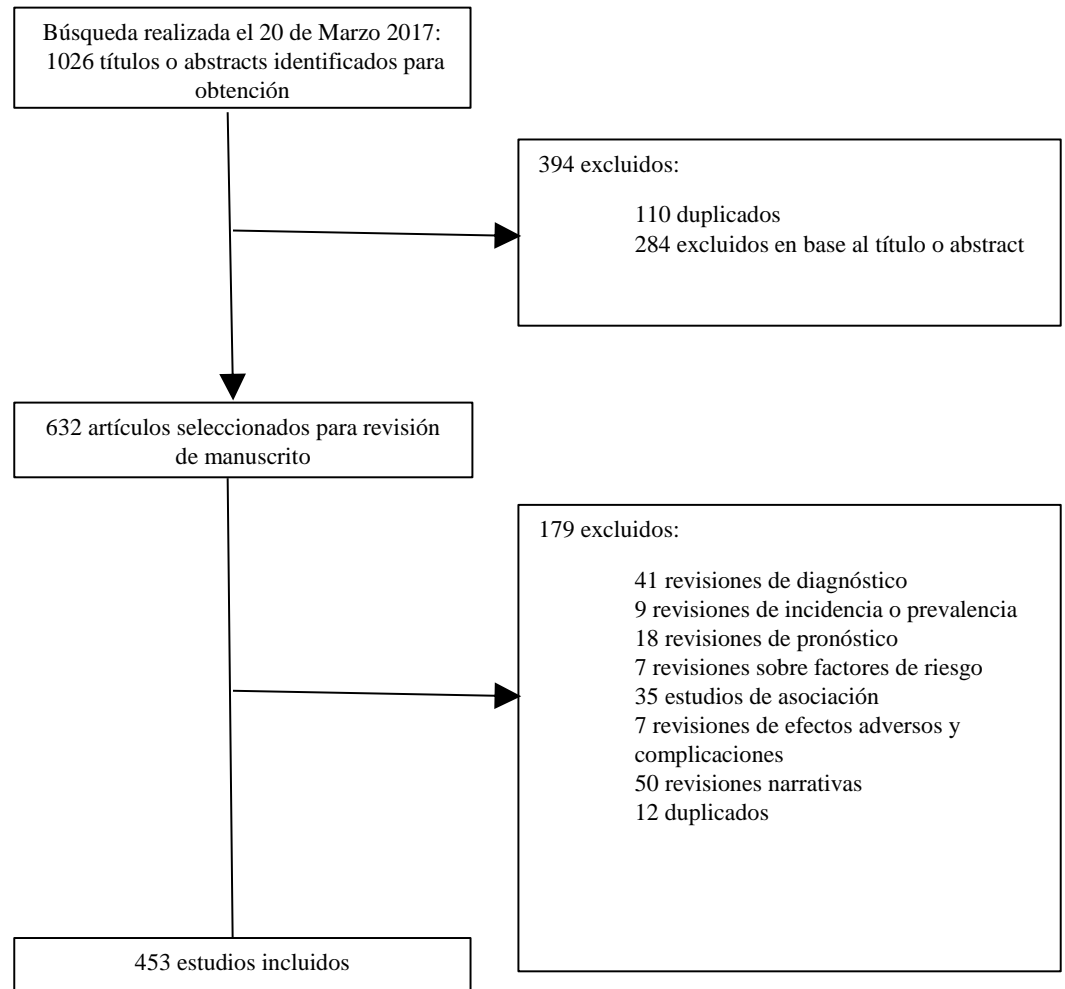


Tabla 1: Año de publicación y cantidad de revisiones analizadas.

Año de publicación	Número de revisiones
1998	1
1999	3
2000	7
2001	7
2002	8
2003	5
2004	8
2005	10
2006	15
2007	12
2008	19
2009	18
2010	21
2011	25
2012	52
2013	48
2014	48
2015	60
2016	63
2017	23

Tabla 2: Características de las revisiones analizadas.

	<b>Número de revisiones</b>
<b>Autor afiliado a Cochrane</b>	
SÍ	48
NO	411
<b>Metanálisis</b>	
SÍ	193
NO	260
<b>Indexado a Cochrane</b>	
SÍ	45
NO	408

Tabla 3: Tema de revisión y cantidad de revisiones analizadas.

Tema	Número de revisiones
Oncología	168
Infertilidad y disfunción eréctil	36
Laparoscopia	42
Infección e inflamación	34
Litiasis y manejo endoscópico	27
Disfunción urinaria	121
Trauma y reconstrucción	25

Tabla 4: Número de revisiones por revista y promedio del puntaje AMSTAR por revista

Revista	Número de Revisiones sistemáticas analizadas	Promedio AMSTAR Score
European Urology	120	5.49
Journal of Urology	60	4.52
BJU International	62	4.50
Prostate Cancer and Prostatic Diseases	11	5.73
Prostate Cancer	2	2.00
American Journal of Physiology - Renal Physiology	0	-
Prostate	0	-
Journal of Sexual Medicine	21	5.14
Nature Reviews Urology	0	-
World Journal of Urology	15	5.47
Urologic Oncology: Seminars and Original Investigations	5	5.60
Urology	46	4.20
Journal of Endourology	26	5.62
Clinical Genitourinary Cancer	12	4.75
Current Opinion in Urology	1	1.00
Andrology	3	5.33
Neurourology and Urodynamics	24	4.46
International Urogynecology Journal and Pelvic Floor Dysfunction	6	3.17
Therapeutic Advances in Urology	3	4.33
Biblioteca Cochrane exclusivamente	36	8.14



Tabla 5: Diferencia entre la calidad de las revisiones publicadas en Cochrane y las no publicadas en Cochrane.

Publicado en Cochrane	Media de puntaje AMSTAR	Diferencia de media	2.66
NO	4.89	<b>Intervalo de confianza</b>	(1.86 - 3.45)
SI	7.55	<b>p</b>	1.38E-08

Tabla 6: Diferencia entre la calidad de las revisiones publicadas entre 1998-2008 y 2008-2017.

Año de publicación	Media de puntaje AMSTAR	Diferencia de media	0.78
1998-2008	4.54	<b>Intervalo de confianza</b>	(0.17-1.38)
2009-2017	5.32	<b>p</b>	0.0117

Figura 2: Diagrama de cajas que representa el puntaje AMSTAR de los estudios entre 1998-2008 y 2009-2017.

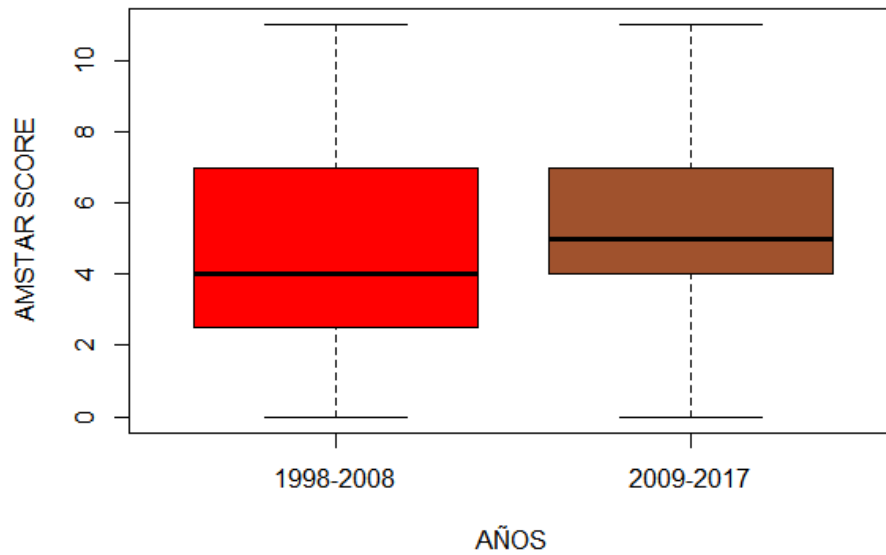


Figura 3: Diagrama de cajas que representa el puntaje AMSTAR de los estudios publicados en Cochrane y no publicados en Cochrane.

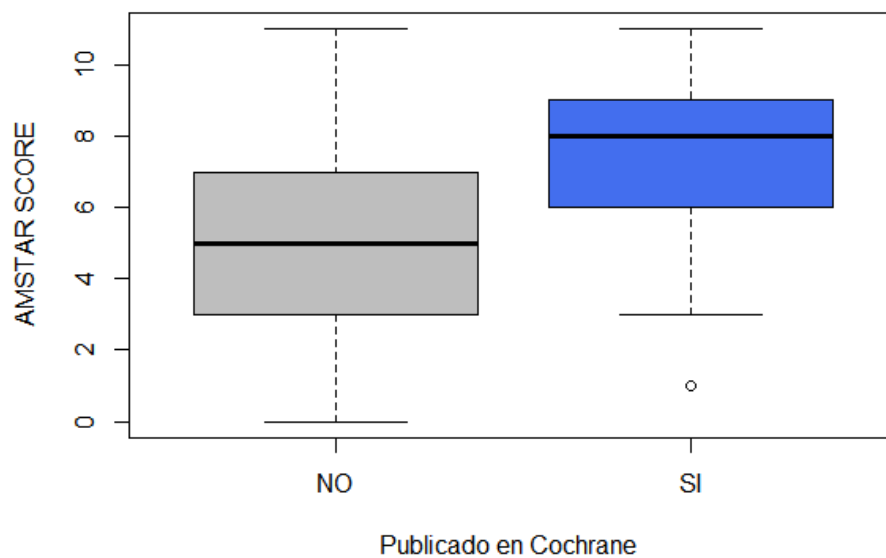
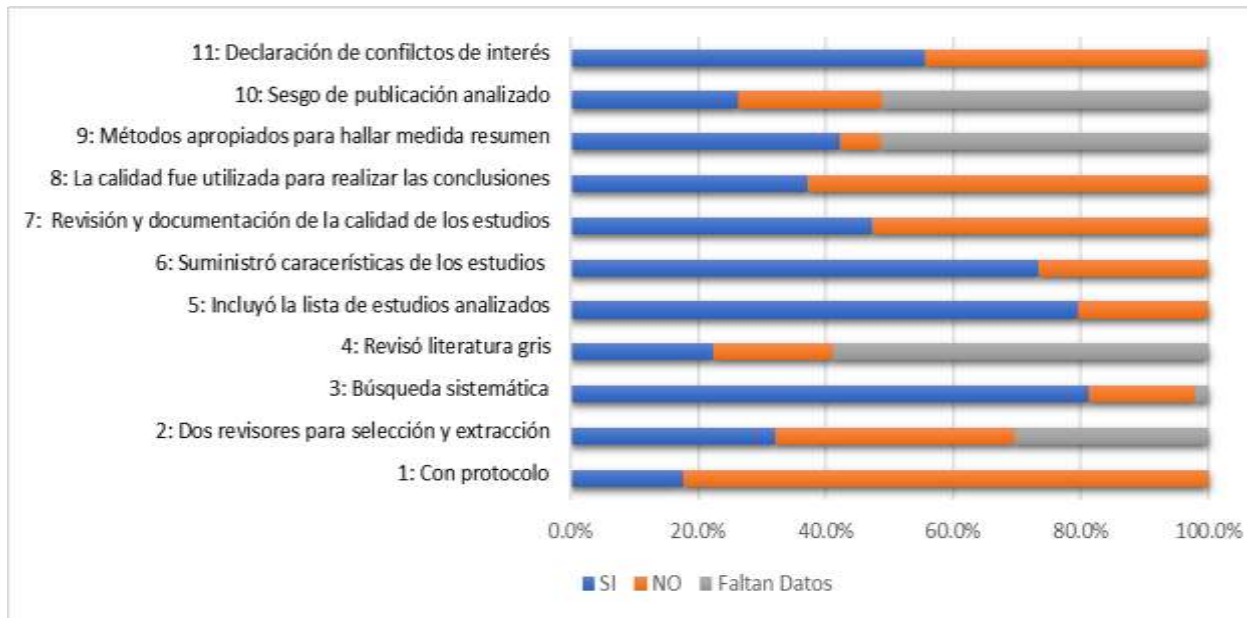


Figura 4: Evaluación de la calidad metodológica de las revisiones sistemáticas de urología



En la columna de la izquierda se muestran los once criterios de AMSTAR, con azul se representa al porcentaje de estudios que cumplen el criterio respectivo, con ámbar a los que no cumplen el criterio y con gris a los estudios en los que falta información para analizar el criterio.

## **ANEXO 1. Estrategia de búsqueda.**

Para la búsqueda en PubMed se usó el generador:

((((((((((((((((((("European urology"[Journal]) AND systematic review[Title/Abstract])) OR ("The Journal of urology"[Journal]) AND Systematic review[Title/Abstract])) OR ("BJU international"[Journal]) AND Systematic review[Title/Abstract])) OR (((("Prostate cancer and prostatic diseases"[Journal])) AND Systematic review[Title/Abstract])) OR ((("Prostate cancer"[Journal]) AND Systematic review[Title/Abstract])) OR ((("American journal of physiology. Renal physiology"[Journal]) AND systematic review[Title/Abstract])) OR ((("The Prostate"[Journal]) AND Systematic review[Title/Abstract])) OR ((("The journal of sexual medicine"[Journal]) AND Systematic review[Title/Abstract])) OR ((("Nature reviews. Urology"[Journal]) AND Systematic review[Title/Abstract])) OR ((("World journal of urology"[Journal]) AND Systematic review[Title/Abstract])) OR ((("Urologic oncology"[Journal]) AND Systematic review[Title/Abstract])) OR ((("Urology"[Journal]) AND systematic review[Title/Abstract])) OR ((("Journal of endourology"[Journal]) AND Systematic review[Title/Abstract])) OR ((("Clinical genitourinary cancer"[Journal]) AND Systematic review[Title/Abstract])) OR ((("Current opinion in urology"[Journal]) AND Systematic review[Title/Abstract])) OR ((("Andrology"[Journal]) AND Systematic review[Title/Abstract])) OR (((("Neurourology and urodynamics"[Journal])) AND Systematic review[Title/Abstract])) OR (((("International urogynecology journal and pelvic floor dysfunction"[Journal])) AND Systematic review[Title/Abstract])) OR ((("Therapeutic advances in urology"[Journal]) AND Systematic review[Title/Abstract])).

**ANEXO 2: Herramienta AMSTAR (Assessing the Methodological Quality of Systematic Reviews)**

<p><b>Amstar 1. Was an 'a priori' design provided?</b></p> <p>The research question and inclusion criteria should be established before the conduct of the review.</p> <p><b>Operational Definition (OD):</b> A “Yes” will be given if the review has published a protocol for the systematic review.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p><b>Amstar 2. Was there duplicate study selection and data extraction?</b></p> <p>There should be at least two independent data extractors and a consensus procedure for disagreements should be in place.</p> <p><b>OD:</b> A “Yes” will be given if:</p> <p>(i) Two reviewers performed study selection, AND</p> <p>(ii) Two reviewers performed data extraction AND</p> <p>(iii) Consensus process was implemented for resolving disagreement.</p>	<p><input type="checkbox"/> Yes (i + ii + iii) <input type="checkbox"/> No (These 3 criteria were not fulfilled) <input type="checkbox"/> Could not answer (i.e. not reported)</p>
<p><b>Amstar 3. Was a comprehensive literature search performed?</b></p> <p>At least two electronic sources should be searched. The report must include years and databases used (e.g., CENTRAL, EMBASE, and MEDLINE). Key words and/or MESH terms must be stated and where feasible the search strategy should be provided. All searches should be supplemented by consulting current contents, reviews, textbooks, specialized registers, or experts in the particular field of study, and by reviewing the references in the studies found.</p> <p><b>OD:</b> A “Yes” will be given if at least two electronic sources plus one supplementary strategy were used (e.g. Cochrane register/CENTRAL counts as two sources; a grey literature search counts as supplementary).</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Could not answer (i.e. not reported)</p>
<p><b>Amstar 4. Was the status of publication (i.e. grey literature) used as an inclusion criterion?</b></p> <p>The authors should state that they searched for reports</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

<p>regardless of their publication type. The authors should state whether or not they excluded any reports from the systematic review, based on their publication status, language etc.</p> <p>If review indicates that there was a search for “grey literature” or “unpublished literature,” indicate “yes.” SIGLE database, dissertations, conference proceedings, and trial registries are all considered grey for this purpose. If searching a source that contains both grey and non-grey, must specify that they were searching for grey/unpublished literature.</p> <p><b>OD:</b> If eligibility criterion is restricted to “non-grey” literature, a “No” will be given, which indicates a methodological shortcoming in this domain.</p>	<input type="checkbox"/> Could not answer (i.e. not reported)
<p><b>Amstar 5. Was a list of studies (included and excluded) provided?</b></p> <p>A list of included and excluded studies should be provided.</p> <p><b>OD:</b> A “Yes” will be given if the included and excluded studies are referenced.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><b>Amstar 6. Were the characteristics of the included studies provided?</b></p> <p>In an aggregated form such as a table, data from the original studies should be provided on the participants, interventions and outcomes. The ranges of characteristics in all the studies analyzed e.g., age, race, sex, relevant socioeconomic data, disease status, duration, severity, or other diseases should be reported.</p> <p><b>OD:</b> A “Yes” will be given if the information described above is presented appropriately.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><b>Amstar 7. Was the scientific quality of the included studies assessed and documented?</b></p> <p>'A priori' methods of assessment should be provided (e.g., the use of Cochrane Risk of Bias tool as a mean to assessment); for other types of studies alternative tools will also be acceptable.</p> <p><b>OD:</b> To score a “Yes”, the authors should report risk of bias level in each of the methodological domain included</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

<p>in the risk of bias assessment tool that the authors have chosen to use.</p>	
<p><b>Amstar 8. Was the scientific quality of the included studies used appropriately in formulating conclusions?</b></p> <p>The results of the methodological rigor and scientific quality should be considered in the analysis and the conclusions of the review, and <u>considerations on how risk of bias among included study may impact conclusion should be explicitly stated.</u></p> <p><b>OD:</b> To score a “Yes”, the reviewers must consider risk of bias explicitly when writing the conclusion section of the MA. For example, a reviewer may state: the results should be interpreted with caution due to high risk of bias among included studies. A “No” will be given if answer to Q7 is “No”.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p><b>Amstar 9. Were the methods used to combine the findings of studies appropriate?#</b></p> <p>For meta-analysis, statistical tests should be done to ensure that the studies were combinable by assessing their homogeneity. This can be done by using the Cochran Q test or reporting the I<sup>2</sup> value.</p> <p><b>OD:</b> “Yes” will be given when one of the two situation applies:</p> <p>(i) Homogeneity is found, and authors used fixed effect model or random effect model, or</p> <p>(ii) Heterogeneity is found, and authors performed appropriate subgroup analysis or meta-regression.</p> <p>“No” will be given when one of the two situation applies:</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

<p>(i) Heterogeneity is found, and authors used fixed or random effect model and reported the results directly without highlighting the role of heterogeneity;</p> <p>(ii) Heterogeneity is not assessed or reported.</p>	
<p><b>Amstar 10. Was the likelihood of publication bias assessed?</b></p> <p>An assessment of publication bias should include a combination of graphical aids (e.g., funnel plot) and/or statistical tests (e.g., Egger regression test).</p> <p><b>OD:</b> A “No” will be given if no relevant test values or funnel plot was reported. However, a “Yes” will still be given if authors mentioned that publication bias could not be assessed because there were fewer than 10 included studies <sup>+</sup>.</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p><b>Amstar 11. Was the conflict of interest included?</b></p> <p>Potential sources of support should be clearly acknowledged in both the systematic review and the included studies.</p> <p><b>OD:</b> To score a “Yes”, the authors must indicate source of funding or support for the systematic review AND for each of the included studies. A “Yes” will still be scored if the authors acknowledged that funding sources for included randomized controlled trials were unknown.</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>



### ANEXO 3. Evaluación completa de la calidad de las revisiones sistemáticas incluidas

Título	Año	Revista	Metanálisis	Cochrane	Autor afiliado	Número de estudios	Reporte año búsqueda	Tema	1	2	3	4	5	6	7	8	9	10	11
Bladder Endometriosis: A Systematic Review of Pathogenesis, Diagnosis, Treatment, Impact on Fertility, and Risk of Malignant Transformation.	2017	1	NO	NO	NO	93	YES	Oncology	YES	Could not answer	NO	Could not answer	YES	YES	YES	NO	Could not answer	Could not answer	NO
A Systematic Review and Meta-analysis Comparing the Effectiveness and Adverse Effects of Different Systemic Treatments for Non-clear Cell Renal Cell Carcinoma.	2017	1	YES	NO	NO	5	YES	Oncology	YES	YES	YES	NO	YES	YES	YES	NO	YES	YES	YES
Systematic Review on the Fate of the Remnant Urothelium after Radical Cystectomy.	2017	1	NO	NO	NO	57	YES	Oncology	YES	Could not answer	NO	Could not answer	YES	YES	YES	NO	Could not answer	Could not answer	YES
Comparative Effectiveness of Newer Medications for Lower Urinary Tract Symptoms Attributed to Benign Prostatic Hyperplasia: A Systematic Review and Meta-analysis.	2017	1	YES	NO	NO	43	YES	Oncology	YES	YES	YES	Could not answer	YES	NO	YES	NO	Could not answer	Could not answer	YES
Partial Nephrectomy Versus Radical Nephrectomy for Clinical T1b and T2 Renal Tumors: A Systematic Review and Meta-analysis of Comparative Studies.	2017	1	YES	NO	NO	23	YES	Oncology	NO	YES	YES	NO	YES	YES	YES	NO	YES	YES	YES
New and Established Technology in Focal Ablation of the Prostate: A Systematic Review.	2017	1	NO	NO	NO	37	YES	Oncology	NO	YES	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
Oncologic Outcomes of Kidney-sparing Surgery Versus Radical Nephroureterectomy for Upper Tract Urothelial Carcinoma: A Systematic Review by the EAU Non-muscle Invasive Bladder Cancer Guidelines Panel.	2016	1	NO	NO	NO	22	YES	Oncology	NO	YES	YES	NO	YES	NO	YES	YES	Could not answer	YES	YES

Male Lower Urinary Tract Symptoms and Cardiovascular Events: A Systematic Review and Meta-analysis.	2016	1	YES	NO	NO	14	NO	Voiding dysfunction	NO	YES	YES	Could not answer	YES	YES	YES	NO	YES	YES	YES
Preoperative Membranous Urethral Length Measurement and Continence Recovery Following Radical Prostatectomy: A Systematic Review and Meta-analysis.	2017	1	YES	NO	NO	13	YES	Voiding dysfunction	YES	YES	YES	Could not answer	YES	YES	YES	YES	YES	NO	NO
Low-intensity Extracorporeal Shock Wave Treatment Improves Erectile Function: A Systematic Review and Meta-analysis.	2017	1	YES	NO	NO	14	NO	Infertility/erectile disorder	NO	Could not answer	YES	Could not answer	YES	YES	YES	NO	YES	YES	YES
Corrigendum re: "Percutaneous Nephrolithotomy Versus Retrograde Intrarenal Surgery: A Systematic Review and Meta-analysis" [Eur Urol 2015;67:125-37].	2016	1	YES	NO	NO	10	YES	Stones/endoscopy	NO	NO	YES	Could not answer	YES	NO	YES	NO	YES	NO	NO
The Aetiology, Treatment, and Outcome of Urogenital Fistulae Managed in Well- and Low-resourced Countries: A Systematic Review.	2016	1	NO	NO	NO	49	YES	Trauma/reconstruction	YES	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
Effects of Testosterone Replacement Therapy on Lower Urinary Tract Symptoms: A Systematic Review and Meta-analysis.	2016	1	YES	NO	NO	14	YES	Voiding dysfunction	NO	YES	YES	Could not answer	YES	YES	NO	NO	YES	YES	YES
alpha1-Blockers Improve Benign Prostatic Obstruction in Men with Lower Urinary Tract Symptoms: A Systematic Review and Meta-analysis of Urodynamic Studies.	2016	1	YES	NO	NO	17	YES	Voiding dysfunction	NO	YES	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO
Transcutaneous Electrical Nerve Stimulation for Treating Neurogenic Lower Urinary Tract Dysfunction: A Systematic Review.	2016	1	NO	NO	NO	22	YES	Voiding dysfunction	YES	Could not answer	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer	YES
Algorithm for Optimal Urethral Coverage in Hypospadias and Fistula Repair: A Systematic Review.	2016	1	NO	NO	NO	51	YES	Trauma/reconstruction	NO	Could not answer	NO	Could not answer	YES	NO	YES	NO	Could not answer	Could not answer	YES

Current Pharmacological Management of Premature Ejaculation: A Systematic Review and Meta-analysis.	2016	1	YES	NO	NO	22	YES	Infertility/erectile disorder	NO	YES	YES	Could not answer	YES	YES	YES	YES	YES	YES	YES	NO
Systematic Review of Surgical Management of Nonmetastatic Renal Cell Carcinoma with Vena Caval Thrombus.	2016	1	NO	NO	NO	14	YES	Oncology	NO	YES	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer	YES	
Surgery Versus Radiotherapy for Clinically-localized Prostate Cancer: A Systematic Review and Meta-analysis.	2016	1	NO	NO	NO	19	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	NO	YES	NO	Could not answer	Could not answer	YES	
Role of Hormonal Treatment in Prostate Cancer Patients with Nonmetastatic Disease Recurrence After Local Curative Treatment: A Systematic Review.	2016	1	NO	NO	NO	27	YES	Oncology	YES	Could not answer	YES	NO	YES	YES	YES	YES	YES	YES	YES	
Exercise for Men with Prostate Cancer: A Systematic Review and Meta-analysis.	2016	1	YES	NO	NO	14	YES	Oncology	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
Preoperative Pelvic Floor Muscle Exercise and Postprostatectomy Incontinence: A Systematic Review and Meta-analysis.	2016	1	YES	NO	NO	11	YES	Voiding dysfunction	NO	Could not answer	YES	Could not answer	YES	NO	YES	NO	YES	NO	YES	
The Impact of Adding Taxanes to Gemcitabine and Platinum Chemotherapy for the First-Line Therapy of Advanced or Metastatic Urothelial Cancer: A Systematic Review and Meta-analysis.	2016	1	NO	NO	NO	43	YES	Oncology	YES	YES	YES	NO	YES	NO	YES	NO	YES	NO	YES	
A Systematic Review of Virtual Reality Simulators for Robot-assisted Surgery.	2016	1	NO	NO	NO	36	YES	Laparoscopy	NO	Could not answer	YES	Could not answer	NO	YES	YES	NO	Could not answer	Could not answer	YES	
Addition of Docetaxel to Androgen Deprivation Therapy for Patients with Hormone-sensitive Metastatic Prostate Cancer: A Systematic Review and Meta-analysis.	2016	1	YES	NO	NO	3	YES	Oncology	YES	Could not answer	YES	Could not answer	YES	YES	YES	YES	YES	YES	NO	
Radiopharmaceuticals for Palliation of Bone Pain in Patients with Castration-resistant Prostate Cancer Metastatic to Bone: A Systematic Review.	2016	1	NO	NO	NO	36	YES	Oncology	NO	YES	YES	NO	YES	NO	YES	YES	NO	YES	YES	

Tibial Nerve Stimulation for Treating Neurogenic Lower Urinary Tract Dysfunction: A Systematic Review.	2015	1	NO	NO	NO	16	YES	Voiding dysfunction	YES	NO	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer	YES
Systematic Review and Individual Patient Data Meta-analysis of Randomized Trials Comparing a Single Immediate Instillation of Chemotherapy After Transurethral Resection with Transurethral Resection Alone in Patients with Stage pTa-pT1 Urothelial Carcinoma of the Bladder: Which Patients Benefit from the Instillation?	2016	1	NO	NO	NO	13	YES	Oncology	NO	NO	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
Indications, techniques, outcomes, and limitations for minimally ischemic and off-clamp partial nephrectomy: a systematic review of the literature.	2015	1	NO	NO	NO	52	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
A Systematic Review of Immunotherapy in Urologic Cancer: Evolving Roles for Targeting of CTLA-4, PD-1/PD-L1, and HLA-G.	2015	1	NO	NO	NO	19	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	YES
Systematic Review and Meta-analysis of Factors Determining Change to Radical Treatment in Active Surveillance for Localized Prostate Cancer.	2015	1	YES	NO	NO	26	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	YES	YES	YES	NO	YES
Comparison of perioperative outcomes between robotic and laparoscopic partial nephrectomy: a systematic review and meta-analysis.	2015	1	YES	NO	NO	23	YES	Laparoscopy	NO	Could not answer	YES	YES	YES	YES	YES	YES	YES	YES	YES
Systematic review and cumulative analysis of oncologic and functional outcomes after robot-assisted radical cystectomy.	2015	1	NO	NO	NO	105	YES	Laparoscopy	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	YES	NO	YES
A Systematic Review and Meta-analysis of Clinicopathologic Factors Linked to Intravesical Recurrence After Radical Nephroureterectomy to Treat Upper Tract Urothelial Carcinoma.	2015	1	YES	NO	NO	18	YES	Oncology	NO	YES	YES	Could not answer	YES	YES	YES	NO	Could not answer	Could not answer	YES

Prostatic urethral lift improves urinary symptoms and flow while preserving sexual function for men with benign prostatic hyperplasia: a systematic review and meta-analysis.	2015	1	YES	NO	NO	9	YES	Voiding dysfunction	NO	YES	YES	Could not answer	YES	YES	YES	YES	YES	NO	YES
Diagnosis and management of urothelial carcinoma in situ of the lower urinary tract: a systematic review.	2015	1	NO	NO	NO	120	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer	YES
Preservation of the neurovascular bundles is associated with improved time to continence after radical prostatectomy but not long-term continence rates: results of a systematic review and meta-analysis.	2015	1	YES	NO	NO	27	YES	Voiding dysfunction	NO	YES	YES	NO	YES	YES	YES	YES	YES	NO	YES
Systematic review and meta-analysis of the clinical effectiveness of shock wave lithotripsy, retrograde intrarenal surgery, and percutaneous nephrolithotomy for lower-pole renal stones.	2015	1	YES	NO	NO	12	NO	Stones/endoscopy	NO	Could not answer	Could not answer	Could not answer	NO	YES	YES	NO	NO	NO	YES
Metastasis-directed therapy of regional and distant recurrences after curative treatment of prostate cancer: a systematic review of the literature.	2015	1	NO	NO	NO	15	YES	Oncology	NO	NO	YES	NO	YES	YES	YES	YES	NO	NO	YES
A systematic review of hypofractionation for primary management of prostate cancer.	2015	1	NO	NO	NO	55	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
The impact of the extent of lymphadenectomy on oncologic outcomes in patients undergoing radical cystectomy for bladder cancer: a systematic review.	2014	1	NO	NO	NO	23	YES	Oncology	NO	YES	YES	NO	YES	YES	YES	YES	Could not answer	Could not answer	YES
Percutaneous nephrolithotomy versus retrograde intrarenal surgery: a systematic review and meta-analysis.	2015	1	YES	NO	NO	10	YES	Stones/endoscopy	NO	YES	YES	Could not answer	YES	YES	NO	NO	YES	NO	YES
A Systematic Review and Meta-analysis of Functional Outcomes and Complications Following Transurethral Procedures for	2015	1	YES	NO	NO	27	YES	Trauma/reconstruction	NO	NO	NO	Could not answer	YES	YES	YES	YES	NO	NO	YES

Lower Urinary Tract Symptoms Resulting from Benign Prostatic Obstruction: An Update.																			
Systemic therapy for non-clear cell renal cell carcinomas: a systematic review and meta-analysis.	2015	1	NO	NO	NO	50	YES	Oncology	NO	NO	YES	NO	YES	NO	YES	YES	YES	NO	YES
A systematic review of sequencing and combinations of systemic therapy in metastatic renal cancer.	2015	1	YES	NO	NO	24	YES	Oncology	NO	YES	YES	Could not answer	NO	YES	YES	NO	YES	NO	YES
A systematic review and meta-analysis of adjuvant and neoadjuvant chemotherapy for upper tract urothelial carcinoma.	2014	1	YES	NO	NO	24	YES	Oncology	NO	NO	YES	Could not answer	YES	NO	YES	YES	YES	NO	YES
Robot-assisted sacrocolpopexy for pelvic organ prolapse: a systematic review and meta-analysis of comparative studies.	2014	1	NO	NO	NO	27	YES	Voiding dysfunction	NO	NO	YES	Could not answer	YES	NO	NO	NO	YES	NO	YES
Critical analysis of bladder sparing with trimodal therapy in muscle-invasive bladder cancer: a systematic review.	2014	1	NO	NO	NO	83	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
An updated systematic review and statistical comparison of standardised mean outcomes for the use of botulinum toxin in the management of lower urinary tract disorders.	2014	1	NO	NO	NO	165	YES	Voiding dysfunction	YES	NO	YES	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	YES
Robotic versus laparoscopic adrenalectomy: a systematic review and meta-analysis.	2014	1	YES	NO	NO	9	YES	Laparoscopy	YES	YES	YES	Could not answer	YES	YES	YES	YES	YES	NO	YES
Single-incision mini-slings versus standard midurethral slings in surgical management of female stress urinary incontinence: an updated systematic review and meta-analysis of effectiveness and complications.	2014	1	YES	NO	NO	26	YES	Voiding dysfunction	NO	NO	YES	Could not answer	YES	YES	YES	NO	YES	NO	YES
Adjuvant chemotherapy for invasive bladder cancer: a 2013 updated systematic review and meta-analysis of randomized trials.	2014	1	YES	NO	NO	9	YES	Oncology	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
A systematic review of surgical techniques used in the treatment of female urethral stricture.	2013	1	NO	NO	NO	16	YES	Trauma/reconstruction	YES	YES	YES	Could not answer	YES	YES	YES	NO	Could not answer	Could not answer	YES



Systematic review of combination drug therapy for non-neurogenic male lower urinary tract symptoms.	2013	1	NO	NO	NO	49	YES	Voiding dysfunction	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
Definition, incidence, risk factors, and prevention of paralytic ileus following radical cystectomy: a systematic review.	2013	1	NO	NO	NO	77	YES	Trauma/reconstruction	NO	Could not answer	NO	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
The artificial urinary sphincter after a quarter of a century: a critical systematic review of its use in male non-neurogenic incontinence.	2013	1	YES	NO	NO	12	YES	Voiding dysfunction	NO	Could not answer	YES	Could not answer	YES	YES	YES	YES	NO	NO	YES
Costs of radical prostatectomy for prostate cancer: a systematic review.	2014	1	NO	NO	NO	11	YES	Oncology	YES	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
Current status and future directions of robotic single-site surgery: a systematic review.	2013	1	NO	NO	NO	55	YES	Laparoscopy	YES	Could not answer	YES	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	YES
Systematic review of perioperative and quality-of-life outcomes following surgical management of localised renal cancer.	2012	1	NO	NO	NO	55	YES	Oncology	NO	Could not answer	YES	YES	YES	YES	YES	YES	Could not answer	Could not answer	YES
A contemporary assessment of nocturia: definition, epidemiology, pathophysiology, and management--a systematic review and meta-analysis.	2012	1	YES	NO	NO	277	YES	Voiding dysfunction	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	NO	NO	YES
Robotic versus laparoscopic partial nephrectomy: a systematic review and meta-analysis.	2012	1	YES	NO	NO	7	YES	Laparoscopy	NO	YES	YES	Could not answer	YES	YES	YES	YES	YES	YES	YES
Systematic review and meta-analysis of perioperative outcomes and complications after robot-assisted radical prostatectomy.	2012	1	YES	NO	NO	110	NO	Oncology	NO	Could not answer	YES	NO	YES	YES	NO	NO	YES	NO	YES
Systematic review and meta-analysis of studies reporting urinary continence recovery after robot-assisted radical prostatectomy.	2012	1	YES	NO	NO	77	YES	Voiding dysfunction	YES	Could not answer	YES	Could not answer	YES	YES	NO	NO	YES	NO	YES
Systematic review and meta-analysis of studies reporting oncologic outcome after robot-assisted radical prostatectomy.	2012	1	YES	NO	NO	79	YES	Oncology	YES	NO	YES	Could not answer	YES	NO	YES	YES	YES	NO	YES



Laparoendoscopic single-site nephrectomy compared with conventional laparoscopic nephrectomy: a systematic review and meta-analysis of comparative studies.	2012	1	YES	NO	NO	27	YES	Laparoscopy	YES	NO	YES	Could not answer	YES	YES	YES	YES	YES	YES	YES	YES
Active surveillance for prostate cancer: a systematic review of the literature.	2012	1	No	No	no	23	YES	Oncology	NO	NO	NO	NO	YES	YES	NO	NO	Could not answer	Could not answer	YES	
A systematic review of neoadjuvant and adjuvant chemotherapy for muscle-invasive bladder cancer.	2012	1	NO	NO	NO	NO REPORTADO	YES	Oncology	NO	Could not answer	Could not answer	Could not answer	NO	YES	NO	NO	Could not answer	Could not answer	YES	
Posterior musculofascial reconstruction after radical prostatectomy: a systematic review of the literature.	2012	1	NO	NO	NO	11	YES	Trauma/reconstruction	YES	NO	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES	
Photoselective vaporisation of the prostate using 80-W and 120-W laser versus transurethral resection of the prostate for benign prostatic hyperplasia: a systematic review with meta-analysis from 2002 to 2012.	2012	1	NO	NO	NO	9	YES	Stones/endoscopy	NO	YES	YES	YES	YES	YES	YES	NO	Could not answer	Could not answer	YES	
The contemporary role of chemotherapy for advanced testis cancer: a systematic review of the literature.	2012	1	NO	NO	NO	3	YES	Oncology	NO	Could not answer	YES	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	YES	
Systematic review of oncological outcomes following surgical management of localised renal cancer.	2012	1	NO	NO	NO	56	YES	Oncology	YES	YES	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer		
A systematic review and meta-analysis on the use of phosphodiesterase 5 inhibitors alone or in combination with alpha-blockers for lower urinary tract symptoms due to benign prostatic hyperplasia.	2012	1	YES	NO	NO	12	NO	Voiding dysfunction	NO	YES	YES	Could not answer	YES	YES	YES	NO	YES	YES	YES	
Positive surgical margin and perioperative complication rates of primary surgical treatments for prostate cancer: a systematic review and meta-analysis comparing retropubic,	2012	1	YES	NO	NO	400	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	YES	YES	YES	

laparoscopic, and robotic prostatectomy.																				
Anticholinergic drugs for adult neurogenic detrusor overactivity: a systematic review and meta-analysis.	2012	1	YES	NO	NO	10	YES	Voiding dysfunction	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES
Laparoscopic versus open nephroureterectomy for the treatment of upper urinary tract urothelial carcinoma: a systematic review and cumulative analysis of comparative studies.	2012	1	YES	NO	NO	21	YES	Oncology	NO	Could not answer	YES	NO	YES	YES	YES	NO	YES	YES	YES	
Cancer control and functional outcomes of salvage radical prostatectomy for radiation-recurrent prostate cancer: a systematic review of the literature.	2012	1	NO	NO	NO	40	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES	
Markers predicting response to bacillus Calmette-Guerin immunotherapy in high-risk bladder cancer patients: a systematic review.	2012	1	NO	NO	NO	NO Reporta	YES	Oncology	NO	NO	NO	NO	NO	YES	NO	NO	Could not answer	Could not answer	YES	
Contemporary management of the painful bladder: a systematic review.	2012	1	YES	NO	NO	86	YES	Voiding dysfunction	NO	Could not answer	NO	YES	YES	YES	NO	NO	YES	YES	YES	
Contemporary management of lower urinary tract disease with botulinum toxin A: a systematic review of botox (onabotulinumtoxinA) and dysport (abobotulinumtoxinA).	2011	1	NO	NO	NO	43	YES	Voiding dysfunction	NO	Could not answer	YES	NO	YES	YES	NO	YES	Could not answer	Could not answer	YES	
Permanent interstitial low-dose-rate brachytherapy for patients with localised prostate cancer: a systematic review of randomised and nonrandomised controlled clinical trials.	2011	1	NO	NO	NO	31	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer	YES	
Laparoscopic cryoablation versus partial nephrectomy for the treatment of small renal masses: systematic review and cumulative analysis of observational studies.	2011	1	NO	NO	NO	98	YES	Oncology	NO	YES	YES	NO	YES	YES	NO	NO	Could not answer	Could not answer	YES	

A systematic review of graft augmentation urethroplasty techniques for the treatment of anterior urethral strictures.	2011	1	NO	NO	NO	66	YES	Trauma/reconstruction	NO	Could not answer	NO	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
A systematic review and meta-analysis of the relationship between hospital/surgeon volume and outcome for radical cystectomy: an update for the ongoing debate.	2011	1	YES	NO	NO	10	YES	Oncology	NO	YES	YES	Could not answer	NO	NO	YES	YES	YES	NO	YES
Sacral neuromodulation for neurogenic lower urinary tract dysfunction: systematic review and meta-analysis.	2010	1	YES	NO	NO	25	YES	Voiding dysfunction	YES	NO	YES	NO	YES	YES	NO	NO	YES	NO	YES
Systematic review of the efficacy and safety of high-intensity focussed ultrasound for the primary and salvage treatment of prostate cancer.	2010	1	NO	NO	NO	20	YES	Oncology	NO	NO	YES	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	YES
Does local treatment of the prostate in advanced and/or lymph node metastatic disease improve efficacy of androgen-deprivation therapy? A systematic review.	2010	1	NO	NO	NO	NO REPORTA	YES	Oncology	NO	Could not answer	NO	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	YES
Updated systematic review and meta-analysis of the comparative data on colposuspensions, pubovaginal slings, and midurethral tapes in the surgical treatment of female stress urinary incontinence.	2010	1	YES	NO	NO	39	YES	Voiding dysfunction	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	YES	YES	YES
Low quality of evidence for robot-assisted laparoscopic prostatectomy: results of a systematic review of the published literature.	2010	1	NO	NO	NO	NO REPORTA	YES	Laparoscopy	NO	NO	YES	NO	NO	NO	YES	NO	Could not answer	Could not answer	YES
Organ-sparing surgery for adult testicular tumours: a systematic review of the literature.	2010	1	NO	NO	NO	97	YES	Oncology	NO	NO	YES	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	YES
Potential benefits of intermittent androgen suppression therapy in the treatment of prostate cancer: a systematic review of the literature.	2010	1	NO	NO	NO	19	YES	Oncology	NO	NO	YES	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	YES

Bipolar versus monopolar transurethral resection of the prostate: a systematic review and meta-analysis of randomized controlled trials.	2009	1	YES	NO	NO	17	YES	Voiding dysfunction	NO	Could not answer	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Systematic review and meta-analysis of robotic-assisted versus conventional laparoscopic pyeloplasty for patients with ureteropelvic junction obstruction: effect on operative time, length of hospital stay, postoperative complications, and success rate.	2009	1	NO	NO	NO	8	YES	Laparoscopy	NO	YES	YES	Could not answer	YES	YES	YES	NO	Could not answer	Could not answer	YES	
Diet, fluid, or supplements for secondary prevention of nephrolithiasis: a systematic review and meta-analysis of randomized trials.	2009	1	NO	NO	NO	0	YES	Stones/endoscopy	NO	NO	YES	Could not answer	NO	YES	NO	NO	Could not answer	Could not answer	YES	
Retropubic, laparoscopic, and robot-assisted radical prostatectomy: a systematic review and cumulative analysis of comparative studies.	2009	1	YES	NO	NO	37	YES	Laparoscopy	NO	Could not answer	YES	YES	YES	YES	NO	NO	YES	NO	YES	
A systematic review and meta-analysis of randomized controlled trials with antimuscarinic drugs for overactive bladder.	2008	1	YES	NO	NO	53	YES	Voiding dysfunction	NO	YES	YES	Could not answer	NO	YES	YES	YES	YES	YES	NO	YES
Does the extent of carcinoma in prostatic biopsies predict prostate-specific antigen recurrence? A systematic review.	2008	1	NO	NO	NO	13	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES	
The effects of antimuscarinic treatments in overactive bladder: an update of a systematic review and meta-analysis.	2008	1	YES	NO	NO	73	YES	Voiding dysfunction	NO	NO	YES	Could not answer	YES	YES	NO	NO	YES	NO	YES	
Antibiotic prophylaxis in urologic procedures: a systematic review.	2008	1	NO	NO	NO	NO REPORTA	YES	Infection/inflammation	NO	YES	YES	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	YES	
Complication rates of tension-free midurethral slings in the treatment of female stress urinary incontinence: a systematic review and meta-analysis of randomized controlled trials comparing tension-free midurethral tapes to	2008	1	YES	NO	NO	33	YES	Voiding dysfunction	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES	NO	

other surgical procedures and different devices.																						
Pharmacologic treatment of male stress urinary incontinence: systematic review of the literature and levels of evidence.	2008	1	NO	NO	NO	NO REPORTA	YES	Voiding dysfunction	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
Duloxetine, a serotonin and noradrenaline reuptake inhibitor (SNRI) for the treatment of stress urinary incontinence: a systematic review.	2007	1	NO	NO	NO	9	YES	Voiding dysfunction	YES	YES	YES	Could not answer	NO	YES	YES	YES	YES	YES	NO	NO	NO	
Anticholinergic drugs in patients with bladder outlet obstruction and lower urinary tract symptoms: A systematic review.	2006	1	NO	NO	NO	9	YES	Voiding dysfunction	NO	Could not answer	YES	YES	YES	YES	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
Evidence from robot-assisted laparoscopic radical prostatectomy: a systematic review.	2007	1	NO	NO	NO	71	YES	Laparoscopy	YES	NO	NO	Could not answer	YES	NO	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
Delay in the surgical treatment of bladder cancer and survival: systematic review of the literature.	2006	1	NO	NO	NO	13	YES	Oncology	NO	NO	YES	Could not answer	NO	NO	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
Sexual function before and after radical retropubic prostatectomy: A systematic review of prognostic indicators for a successful outcome.	2006	1	NO	NO	NO	14	YES	Infertility/erectile disorder	NO	Could not answer	NO	Could not answer	YES	YES	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
Adjuvant chemotherapy in invasive bladder cancer: a systematic review and meta-analysis of individual patient data Advanced Bladder Cancer (ABC) Meta-analysis Collaboration.	2005	1	YES	NO	NO	6	YES	Oncology	YES	Could not answer	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
Neoadjuvant chemotherapy in invasive bladder cancer: update of a systematic review and meta-analysis of individual patient data advanced bladder cancer (ABC) meta-analysis collaboration.	2005	1	YES	NO	NO	11	NO	Oncology	YES	Could not answer	Could not answer	Could not answer	NO	NO	NO	NO	YES	NO	NO	YES	NO	YES
The effects of antimuscarinic treatments in overactive bladder: a systematic review and meta-analysis.	2005	1	YES	NO	NO	83	YES	Voiding dysfunction	NO	YES	YES	YES	YES	YES	YES	NO	YES	NO	YES	NO	YES	YES

Systematic review: efficacy of silicone microimplants (Macroplastique) therapy for stress urinary incontinence in adult women.	2003	1	NO	NO	NO	11	YES	Voiding dysfunction	NO	NO	YES	Could not answer	YES	NO	NO	NO	NO	Could not answer	Could not answer	NO
Intravesical Therapy for the Treatment of Nonmuscle Invasive Bladder Cancer: A Systematic Review and Meta-Analysis.	2017	2	YES	NO	NO	39	YES	Oncology	YES	YES	NO	Could not answer	NO	NO	YES	YES	YES	YES	YES	YES
Does Omission of Ureteral Stents Increase Risk of Unplanned Return Visit? A Systematic Review and Meta-Analysis.	2016	2	YES	NO	NO	17	YES	Stones/endoscopy	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
Efficacy and Safety of Prostatic Arterial Embolization: Systematic Review with Meta-Analysis and Meta-Regression.	2017	2	YES	NO	NO	16	YES	Voiding dysfunction	NO	Could not answer	YES	NO	YES	YES	YES	NO	NO	YES	NO	YES
Clinicopathological Features and Prognostic Value of Incidental Prostatic Adenocarcinoma in Radical Cystoprostatectomy Specimens: A Systematic Review and Meta-Analysis of 13,140 Patients.	2017	2	YES	NO	NO	34	YES	Oncology	YES	Could not answer	YES	Could not answer	YES	YES	NO	NO	NO	YES	YES	YES
Management of Renal Masses and Localized Renal Cancer: Systematic Review and Meta-Analysis.	2016	2	YES	NO	NO	147	YES	Oncology	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	NO	YES
Current Status of Simulation and Training Models in Urological Surgery: A Systematic Review.	2016	2	NO	NO	NO	91	YES	Laparoscopy	NO	Could not answer	YES	Could not answer	YES	NO	NO	NO	NO	Could not answer	Could not answer	NO
Management of Node Only Recurrence after Primary Local Treatment for Prostate Cancer: A Systematic Review of the Literature.	2015	2	NO	NO	NO	20	YES	Oncology	NO	YES	YES	Could not answer	NO	NO	YES	NO	NO	Could not answer	Could not answer	NO
Transarterial Embolization of Angiomyolipoma: A Systematic Review.	2015	2	NO	NO	NO	31	YES	Oncology	NO	NO	NO	NO	YES	YES	YES	NO	NO	Could not answer	Could not answer	YES
Does intracytoplasmic sperm injection pose an increased risk of genitourinary congenital malformations in offspring compared to in vitro fertilization? A systematic review and meta-	2015	2	YES	NO	NO	22	YES	Infertility/erectile disorder	NO	YES	YES	YES	YES	NO	YES	NO	NO	YES	NO	NO

analysis.																				
Efficacy of antibiotic prophylaxis in children with vesicoureteral reflux: systematic review and meta-analysis.	2015	2	YES	NO	NO	8	YES	Voiding dysfunction	NO	YES	YES	NO	NO	YES	YES	NO	YES	YES	NO	
Biofeedback for nonneuropathic daytime voiding disorders in children: a systematic review and meta-analysis of randomized controlled trials.	2015	2	YES	NO	NO	5	YES	Voiding dysfunction	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	NO
Efficacy and safety of sirolimus for renal angiomyolipoma in patients with tuberous sclerosis complex or sporadic lymphangiomyomatosis: a systematic review.	2014	2	NO	NO	NO	4	YES	Oncology	NO	YES	YES	Could not answer	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
Tissue engineering of the bladder--reality or myth? A systematic review.	2014	2	YES	NO	NO	28	YES	Trauma/reconstruction	NO	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	NO
A systematic review of the efficacy and safety of desmopressin for nocturia in adults.	2014	2	NO	NO	NO	10	YES	Voiding dysfunction	NO	Could not answer	NO	Could not answer	YES	YES	YES	YES	YES	Could not answer	Could not answer	NO
The importance of transurethral resection of bladder tumor in the management of nonmuscle invasive bladder cancer: a systematic review of novel technologies.	2014	2	NO	NO	NO	42	NO	Oncology	NO	Could not answer	YES	NO	YES	NO	YES	NO	NO	NO	NO	NO
Systematic review and meta-analysis of perioperative and oncologic outcomes of laparoscopic cryoablation versus laparoscopic partial nephrectomy for the treatment of small renal tumors.	2014	2	YES	NO	NO	13	YES	Laparoscopy	NO	Could not answer	NO	YES	YES	YES	NO	NO	YES	YES	YES	NO
Nonantibiotic prophylaxis for recurrent urinary tract infections: a systematic review and meta-analysis of randomized controlled trials.	2013	2	YES	NO	NO	17	YES	Infection/inflammation	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
Effect of preoperative hormonal stimulation on postoperative complication rates after proximal	2013	2	YES	NO	NO	11	YES	Trauma/reconstruction	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	NO





May be Unnecessary: A Systematic Review and Meta-Analysis.																				
Treatment of ureteral and renal stones: a systematic review and meta-analysis of randomized, controlled trials.	2012	2	YES	NO	NO	14	YES	Infection/inflammation	NO	Could not answer	YES	NO	YES	YES	YES	YES	YES	YES	NO	YES
Systematic review of urological followup after spinal cord injury.	2012	2	NO	NO	NO	50	YES	Voiding dysfunction	NO	Could not answer	YES	NO	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
A systematic review of the quality of evidence of ablative therapy for small renal masses.	2012	2	NO	NO	NO	117	YES	Oncology	NO	YES	YES	NO	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
The results of ureteral stenting after ureteroscopic lithotripsy for ureteral calculi: a systematic review and meta-analysis.	2011	2	NO	NO	NO	16	YES	Stones/endoscopy	NO	YES	YES	NO	YES	NO	YES	YES	YES	YES	NO	NO
Use of ureteral stent in extracorporeal shock wave lithotripsy for upper urinary calculi: a systematic review and meta-analysis.	2011	2	YES	NO	NO	8	YES	Stones/endoscopy	NO	YES	YES	YES	YES	NO	NO	NO	NO	YES	YES	YES
Is there a role for alpha-blockers in ureteral stent related symptoms? A systematic review and meta-analysis.	2011	2	YES	NO	NO	12	YES	Infection/inflammation	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	NO	NO
Outcomes of intravesical botulinum toxin for idiopathic overactive bladder symptoms: a systematic review of the literature.	2010	2	NO	NO	NO	21	YES	Voiding dysfunction	NO	NO	YES	NO	YES	NO	NO	NO	NO	Could not answer	Could not answer	NO
Is staging beneficial for Fowler-Stephens orchiopepy? A systematic review.	2010	2	YES	NO	NO	61	YES	Laparoscopy	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	NO
Surgical treatment of varicocele in children with open and laparoscopic Palomo technique: a systematic review of the literature.	2009	2	NO	NO	NO	7	YES	Laparoscopy	NO	NO	YES	Could not answer	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
The necessity of adrenalectomy at the time of radical nephrectomy: a systematic review.	2009	2	NO	NO	NO	60	YES	Oncology	NO	Could not answer	Could not answer	Could not answer	NO	YES	NO	NO	NO	Could not answer	Could not answer	YES
The safety of ureteroscopy during pregnancy: a systematic review and meta-analysis.	2009	2	YES	NO	NO	14	YES	Laparoscopy	NO	YES	YES	Could not answer	YES	NO	YES	NO	NO	NO	NO	NO

Intravesical oxybutynin for children with poorly compliant neurogenic bladder: a systematic review.	2008	2	NO	NO	NO	8	YES	Voiding dysfunction	NO	NO	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer	NO
Is percutaneous drainage the new gold standard in the management of emphysematous pyelonephritis? Evidence from a systematic review.	2008	2	NO	NO	NO	10	YES	Infection/inflammation	NO	NO	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO
Ureteral stenting and urinary stone management: a systematic review.	2008	2	NO	NO	NO	0	YES	Stones/endoscopy	NO	NO	YES	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	NO
The oral mucosa graft: a systematic review.	2007	2	NO	NO	NO	57	YES	Trauma/reconstruction	NO	Could not answer	YES	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	YES
Epithelializing stent for benign prostatic hyperplasia: a systematic review of the literature.	2007	2	NO	NO	NO	20	YES	Oncology	NO	YES	YES	YES	YES	YES	NO	NO	Could not answer	Could not answer	NO
Role of alpha-blockers in type III prostatitis: a systematic review of the literature.	2007	2	NO	NO	NO	6	YES	Infection/inflammation	NO	Could not answer	YES	YES	YES	YES	NO	NO	Could not answer	Could not answer	NO
Continuing controversy over monitoring men with localized prostate cancer: a systematic review of programs in the prostate specific antigen era.	2006	2	NO	NO	NO	5	YES	Oncology	YES	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO
Laparoscopic radical prostatectomy for localized prostate cancer: a systematic review of comparative studies.	2006	2	NO	NO	NO	30	YES	Oncology	NO	NO	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO
A systematic review of vitamin D receptor gene polymorphisms and prostate cancer risk.	2006	2	YES	NO	NO	26	YES	Oncology	NO	NO	YES	YES	YES	YES	NO	NO	YES	YES	NO
Efficacy and safety of sacral nerve stimulation for urinary urge incontinence: a systematic review.	2006	2	NO	NO	NO	21	YES	Voiding dysfunction	NO	NO	NO	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	NO
Is orthotopic bladder replacement the new gold standard? Evidence from a systematic review.	2005	2	NO	NO	NO	405	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	NO	YES	NO	Could not answer	Could not answer	NO
Health related quality of life after radical cystectomy and urinary diversion for bladder cancer: a systematic review and critical analysis of the literature.	2005	2	NO	NO	NO	15	YES	Oncology	NO	NO	YES	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	NO

Antibiotic prophylaxis for transurethral prostatic resection in men with preoperative urine containing less than 100,000 bacteria per ml: a systematic review.	2005	2	YES	NO	NO	28	YES	Infection/inflammation	NO	Could not answer	YES	YES	YES	YES	NO	NO	YES	NO	NO
A systematic review and critique of the literature relating hospital or surgeon volume to health outcomes for 3 urological cancer procedures.	2004	2	NO	NO	NO	11	YES	Oncology	NO	YES	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO
A systematic review of holmium laser prostatectomy for benign prostatic hyperplasia.	2004	2	NO	NO	NO	1	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	NO
Neoadjuvant chemotherapy for transitional cell carcinoma of the bladder: a systematic review and meta-analysis.	2004	2	YES	NO	NO	25	YES	Oncology	NO	Could not answer	YES	YES	YES	YES	NO	NO	YES	NO	YES
Treatment of daytime urinary incontinence in children: a systematic review of randomized controlled trials.	2003	2	NO	NO	NO	5	YES	Voiding dysfunction	NO	YES	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO
Short compared with standard duration of antibiotic treatment for urinary tract infection: a systematic review of randomised controlled trials.	2003	2	YES	NO	NO	10	YES	Infection/inflammation	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES
Laser prostatectomy versus transurethral resection for treating benign prostatic obstruction: a systematic review.	2003	2	NO	NO	NO	16	YES	Trauma/reconstruction	NO	NO	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO
Tamsulosin for treating lower urinary tract symptoms compatible with benign prostatic obstruction: a systematic review of efficacy and adverse effects.	2002	2	NO	NO	NO	13	YES	Oncology	NO	NO	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO
Transurethral incision compared with transurethral resection of the prostate for bladder outlet obstruction: a systematic review and meta-analysis of randomized controlled trials.	2001	2	YES	NO	NO	13	YES	Voiding dysfunction	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO
Yohimbine for erectile dysfunction: a systematic review and meta-analysis of randomized	1998	2	YES	NO	NO	7	YES	Infertility/erectile disorder	NO	Could not answer	YES	YES	YES	YES	NO	NO	NO	NO	NO

clinical trials.																				
Impact of ischaemia time on renal function after partial nephrectomy: a systematic review.	2016	3	NO	NO	NO	29	YES	Laparoscopy	YES	YES	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO	
Symptomatic and quality-of-life outcomes after treatment for clinically localised prostate cancer: a systematic review.	2016	3	NO	NO	NO	64	YES	Oncology	NO	NO	YES	NO	YES	YES	NO	NO	Could not answer	Could not answer	YES	
Posterior musculofascial reconstruction after radical prostatectomy: an updated systematic review and a meta-analysis.	2016	3	YES	NO	NO	22	YES	Trauma/reconstruction	NO	Could not answer	YES	NO	YES	YES	YES	YES	YES	YES	YES	
Phytotherapeutic interventions in the management of biochemically recurrent prostate cancer: a systematic review of randomised trials.	2016	3	NO	NO	NO	5	YES	Oncology	NO	YES	YES	Could not answer	YES	NO	YES	YES	Could not answer	Could not answer	YES	
The role of targeted prophylactic antimicrobial therapy before transrectal ultrasonography-guided prostate biopsy in reducing infection rates: a systematic review.	2016	3	NO	NO	NO	9	YES	Infection/inflammation	NO	YES	YES	NO	YES	NO	NO	NO	Could not answer	Could not answer	NO	
Button type' bipolar plasma vaporisation of the prostate compared with standard transurethral resection: a systematic review and meta-analysis of short-term outcome studies.	2016	3	YES	NO	NO	6	YES	Voiding dysfunction	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	YES	NO	YES	
Follow-up of the neuro-urological patient: a systematic review.	2015	3	NO	NO	NO	23	YES	Voiding dysfunction	NO	Could not answer	Could not answer	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES	
Management of sexual dysfunction due to central nervous system disorders: a systematic review.	2015	3	NO	NO	NO	31	YES	Infertility/erectile disorder	NO	NO	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer	NO	
Non-steroidal antiandrogen monotherapy compared with luteinizing hormone-releasing hormone agonists or surgical castration monotherapy for advanced prostate cancer: a	2015	3	NO	NO	NO	11	YES	Oncology	NO	Could not answer	YES	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	NO	



cancer: a systematic review and mixed treatment comparison meta-analysis.																				
Non-steroidal anti-inflammatory drugs for lower urinary tract symptoms in benign prostatic hyperplasia: systematic review and meta-analysis of randomized controlled trials.	2013	3	YES	NO	NO	3	NO	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	YES	YES	YES	YES	YES	NO
Intravesical chemotherapy plus bacille Calmette-Guerin in non-muscle invasive bladder cancer: a systematic review with meta-analysis.	2013	3	YES	NO	NO	4	YES	Oncology	NO	NO	YES	NO	YES	YES	YES	YES	YES	YES	YES	NO
Management of local recurrences in the irradiated bladder: a systematic review.	2012	3	NO	NO	NO	17	YES	Oncology	NO	YES	NO	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES	
Photoselective vaporization with the green light laser vs transurethral resection of the prostate for treating benign prostatic hyperplasia: a systematic review and meta-analysis.	2013	3	YES	NO	NO	9	YES	Oncology	NO	YES	YES	Could not answer	YES	YES	NO	NO	YES	NO	NO	
A systematic review of stereotactic radiotherapy ablation for primary renal cell carcinoma.	2012	3	NO	NO	NO	10	YES	Oncology	NO	NO	YES	Could not answer	NO	YES	NO	NO	Could not answer	Could not answer	NO	
Surgical management for upper urinary tract transitional cell carcinoma (UUT-TCC): a systematic review.	2012	3	NO	YES	YES	33	YES	Oncology	NO	NO	YES	NO	YES	YES	YES	YES	Could not answer	Could not answer	NO	
Current status of validation for robotic surgery simulators - a systematic review.	2013	3	NO	NO	NO	19	YES	Laparoscopy	NO	YES	YES	NO	YES	YES	NO	NO	Could not answer	Could not answer	YES	
Serenoa repens monotherapy for benign prostatic hyperplasia (BPH): an updated Cochrane systematic review.	2012	3	NO	YES	YES	17	YES	Voiding dysfunction	NO	NO	YES	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO	
Laparoscopic partial nephrectomy in obese patients: a systematic review and meta-analysis.	2012	3	YES	NO	NO	4	YES	Laparoscopy	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES
Safety and efficacy of ureteroscopic lithotripsy for stone disease in obese patients: a systematic review of the literature.	2012	3	NO	NO	NO	7	YES	Stones/endoscopy	NO	YES	YES	YES	YES	YES	YES	YES	Could not answer	Could not answer	NO	

Ureteroscopic and percutaneous management of upper tract urothelial carcinoma (UTUC): a systematic review.	2012	3	NO	NO	NO	56	YES	Oncology	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
Bilateral testicular germ cell tumours: a systematic review.	2012	3	NO	NO	NO	51	YES	Oncology	NO	NO	NO	Could not answer	NO	NO	NO	NO	NO	NO	.	Could not answer	NO
Intravesical gemcitabine therapy for non-muscle invasive bladder cancer (NMIBC): a systematic review.	2012	3	NO	YES	YES	33	NO	Oncology	NO	Could not answer	YES	YES	YES	YES	NO	NO	NO	NO	Could not answer	Could not answer	YES
Effects of fluorescent light-guided transurethral resection on non-muscle-invasive bladder cancer: a systematic review and meta-analysis.	2012	3	YES	NO	NO	14	YES	Oncology	NO	YES	YES	Could not answer	YES	YES	NO	NO	NO	NO	YES	NO	NO
What is the evidence for the management of urethral amyloidosis? A systematic review of the literature.	2012	3	NO	NO	NO	4	YES	Infection/inflammation	NO	NO	NO	Could not answer	NO	YES	NO	NO	NO	NO	Could not answer	Could not answer	NO
Targeted therapy for advanced renal cell cancer (RCC): a Cochrane systematic review of published randomised trials.	2011	3	NO	YES	YES	28	YES	Oncology	NO	Could not answer	YES	YES	YES	YES	NO	NO	NO	NO	Could not answer	Could not answer	YES
Systematic review of surgical treatments for benign prostatic hyperplasia and presentation of an approach to investigate therapeutic equivalence (non-inferiority).	2012	3	NO	NO	NO	43	YES	Oncology	YES	NO	YES	YES	YES	YES	NO	NO	NO	NO	Could not answer	Could not answer	NO
Screening for prostate cancer: an updated Cochrane systematic review.	2011	3	NO	YES	YES	5	YES	Oncology	NO	NO	YES	Could not answer	NO	YES	YES	YES	YES	YES	Could not answer	Could not answer	NO
5-alpha-Reductase inhibitors for prostate cancer chemoprevention: an updated Cochrane systematic review.	2010	3	NO	YES	YES	12	YES	Oncology	NO	Could not answer	NO	YES	YES	YES	NO	NO	NO	NO	Could not answer	Could not answer	YES
Phosphodiesterase 5 inhibitors for lower urinary tract symptoms secondary to benign prostatic hyperplasia: a systematic review.	2011	3	YES	NO	NO	11	YES	Voiding dysfunction	NO	YES	YES	Could not answer	YES	YES	YES	NO	NO	NO	YES	YES	NO
Progression of benign prostatic hyperplasia: systematic review of the placebo arms of clinical trials.	2008	3	NO	NO	NO	16	YES	Voiding dysfunction	NO	YES	NO	YES	YES	YES	YES	YES	YES	YES	Could not answer	Could not answer	YES





A systematic review of tension-free urethropexy for stress urinary incontinence: intravaginal slingplasty and the tension-free vaginal tape procedure.	2002	3	NO	NO	NO	18	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	YES	NO	NO	NO	Could not answer	Could not answer	NO
Risk factors for adult renal cell carcinoma: a systematic review and implications for prevention.	2001	3	NO	NO	NO	128	YES	Oncology	NO	Could not answer	NO	Could not answer	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
Terazosin for treating symptomatic benign prostatic obstruction: a systematic review of efficacy and adverse effects.	2002	3	NO	NO	NO	17	YES	Voiding dysfunction	NO	NO	YES	NO	NO	YES	NO	NO	NO	Could not answer	Could not answer	NO
A systematic review of tension-free urethropexy for stress urinary incontinence: intravaginal slingplasty and the tension-free vaginal tape procedures.	2001	3	NO	NO	NO	18	YES	Trauma/reconstruction	NO	YES	YES	YES	YES	YES	YES	YES	YES	Could not answer	Could not answer	YES
A systematic review of intravesical bacillus Calmette-Guerin plus transurethral resection vs transurethral resection alone in Ta and T1 bladder cancer.	2001	3	NO	NO	YES	26	YES	Infection/inflammation	NO	NO	YES	Could not answer	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
Minimally invasive non-laser thermal techniques for prostatectomy: a systematic review. The ASERNIP-S review group.	2000	3	NO	NO	NO	4	YES	Voiding dysfunction	NO	Could not answer	YES	Could not answer	YES	YES	YES	YES	NO	Could not answer	Could not answer	YES
Minimally invasive laser techniques for prostatectomy: a systematic review.	2000	3	NO	NO	NO	NO PRECISAN	YES	Infection/inflammation	YES	Could not answer	YES	YES	YES	NO	NO	NO	NO	Could not answer	Could not answer	NO
Are men with lower urinary tract symptoms at increased risk of prostate cancer? A systematic review and critique of the available evidence.	2000	3	NO	NO	NO	5	YES	Oncology	NO	YES	NO	Could not answer	YES	YES	NO	NO	NO	Could not answer	Could not answer	NO
A systematic review of Cernilton for the treatment of benign prostatic hyperplasia.	2000	3	NO	NO	YES	4	YES	Infection/inflammation	YES	NO	YES	YES	YES	YES	NO	NO	NO	Could not answer	Could not answer	NO
Conservative treatment of urge urinary incontinence in women: a systematic review of randomized clinical trials.	2000	3	NO	NO	NO	15	YES	Voiding dysfunction	NO	YES	YES	Could not answer	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
A systematic review of the clinical efficacy and effectiveness of the holmium:YAG laser in urology.	1999	3	NO	NO	NO	27	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO



Bisphosphonate therapy in patients under androgen deprivation therapy for prostate cancer: a systematic review and meta-analysis.	2012	4	NO	NO	NO	15	YES	Oncology	NO	NO	YES	NO	YES	YES	NO	NO	Could not answer	Could not answer	YES
Robotic-assisted simple prostatectomy: a systematic review and report of a single institution case series.	2014	4	NO	NO	NO	8	YES	Laparoscopy	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
Systematic Review of Focal Prostate Brachytherapy and the Future Implementation of Image-Guided Prostate HDR Brachytherapy Using MR-Ultrasound Fusion.	2016	5	NO	NO	NO	15	YES	Oncology	NO	NO	NO	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	NO
Systematic Review of the Relationship between Acute and Late Gastrointestinal Toxicity after Radiotherapy for Prostate Cancer.	2015	5	NO	NO	NO	19	YES	Oncology	NO	NO	NO	NO	YES	YES	NO	NO	Could not answer	Could not answer	YES
Efficacy of psychosocial interventions in men and women with sexual dysfunctions--a systematic review of controlled clinical trials: part 2--the efficacy of psychosocial interventions for female sexual dysfunction.	2012	8	NO	NO	NO	40	YES	Infertility/erectile disorder	NO	NO	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer	YES
The efficacy and safety of ospemifene in treating dyspareunia associated with postmenopausal vulvar and vaginal atrophy: a systematic review and meta-analysis.	2014	8	YES	NO	NO	6	YES	Voiding dysfunction	NO	NO	YES	Could not answer	YES	YES	YES	YES	NO	NO	NO
Impact of incontinence surgery on sexual function: a systematic review and meta-analysis.	2012	8	YES	NO	NO	21	YES	Voiding dysfunction	NO	YES	YES	NO	YES	YES	YES	YES	YES	YES	NO
Effect of 5alpha-Reductase Inhibitors on Sexual Function: A Meta-Analysis and Systematic Review of Randomized Controlled Trials.	2016	8	YES	NO	NO	17	YES	Infertility/erectile disorder	YES	YES	YES	Could not answer	YES	YES	YES	YES	YES	YES	YES
A systematic review assessing the economic impact of sildenafil citrate (Viagra) in the treatment of erectile dysfunction.	2013	8	NO	NO	NO	12	YES	Infertility/erectile disorder	NO	Could not answer	YES	YES	YES	NO	NO	NO	Could not answer	Could not answer	YES

A systematic review of the utility of antidepressant pharmacotherapy in the treatment of vulvodynia pain.	2013	8	NO	NO	NO	13	YES	Infection/inflammation	NO	NO	YES	Could not answer	NO	NO	NO	NO	NO	NO	NO	NO
Efficacy of psychosocial interventions in men and women with sexual dysfunctions--a systematic review of controlled clinical trials: part 1-the efficacy of psychosocial interventions for male sexual dysfunction.	2012	8	NO	NO	NO	40	YES	Infertility/erectile disorder	NO	YES	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer	YES	
The relationship between erectile dysfunction and open urethroplasty: a systematic review and meta-analysis.	2013	8	YES	NO	NO	23	YES	Infertility/erectile disorder	NO	NO	YES	Could not answer	YES	YES	NO	NO	YES	YES	NO	
The effect of statins on erectile dysfunction: a systematic review and meta-analysis.	2014	8	YES	NO	NO	7	YES	Infertility/erectile disorder	NO	Could not answer	YES	Could not answer	YES	YES	YES	YES	YES	NO	YES	
Efficacy and Safety of Flibanserin in Women with Hypoactive Sexual Desire Disorder: A Systematic Review and Meta-Analysis.	2015	8	YES	YES	YES	4	YES	Voiding dysfunction	NO	NO	YES	NO	YES	NO	YES	YES	YES	YES	NO	
Does current scientific and clinical evidence support the use of phosphodiesterase type 5 inhibitors for the treatment of premature ejaculation? a systematic review and meta-analysis.	2012	8	YES	NO	NO	14	YES	Infertility/erectile disorder	NO	NO	YES	NO	YES	NO	NO	NO	YES	NO	YES	
Outcome of Vaginoplasty in Male-to-Female Transgenders: A Systematic Review of Surgical Techniques.	2015	8	NO	NO	NO	26	YES	Trauma/reconstruction	NO	NO	YES	NO	YES	YES	NO	NO	Could not answer	Could not answer	NO	
Female sexual dysfunction and diabetes: a systematic review and meta-analysis.	2013	8	YES	NO	NO	26	YES	Infertility/erectile disorder	NO	YES	YES	Could not answer	YES	YES	NO	NO	YES	NO	YES	
Testosterone deficiency in men: systematic review and standard operating procedures for diagnosis and treatment.	2013	8	YES	NO	NO	NO REPORTAN	NO	Infertility/erectile disorder	NO	Could not answer	NO	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	NO	
A systematic review of the utility of anticonvulsant pharmacotherapy in the treatment of vulvodynia pain.	2013	8	NO	NO	NO	9	YES	Infection/inflammation	NO	NO	YES	NO	NO	YES	NO	NO	Could not answer	Could not answer	NO	



prostate for benign prostatic obstruction: a systematic review and meta-analysis.																				
A systematic review of the treatment for female stress urinary incontinence by ACT(R) balloon placement (Uromedica, Irvine, CA, USA).	2014	10	NO	NO	NO	8	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	YES	NO	NO	NO	Could not answer	Could not answer	NO
Systematic review and meta-analysis of randomized controlled trials evaluating silodosin in the treatment of non-neurogenic male lower urinary tract symptoms suggestive of benign prostatic enlargement.	2013	10	YES	NO	NO	16	YES	Voiding dysfunction	NO	Could not answer	YES	Could not answer	YES	NO	NO	NO	NO	YES	YES	YES
Bipolar plasma vaporization of the prostate: ready to replace GreenLight? A systematic review of randomized control trials.	2015	10	NO	NO	NO	7	YES	Voiding dysfunction	NO	NO	YES	NO	NO	NO	NO	NO	NO	Could not answer	Could not answer	YES
The clinical effectiveness of transurethral incision of the prostate: a systematic review of randomised controlled trials.	2010	10	YES	NO	NO	10	YES	Voiding dysfunction	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES
Transurethral enucleation of the prostate versus transvesical open prostatectomy for large benign prostatic hyperplasia: a systematic review and meta-analysis of randomized controlled trials.	2016	10	YES	NO	NO	9	YES	Infection/inflammation	YES	YES	YES	Could not answer	YES	YES	YES	YES	YES	YES	YES	YES
Cardiovascular events associated with androgen deprivation therapy in patients with prostate cancer: a systematic review and meta-analysis.	2015	10	YES	NO	NO	13	YES	Oncology	NO	NO	YES	Could not answer	YES	YES	NO	NO	YES	YES	NO	NO
The fate of conference abstracts: systematic review and meta-analysis of surgical treatments for men with benign prostatic enlargement.	2010	10	YES	NO	NO	67	YES	Infection/inflammation	NO	Could not answer	YES	Could not answer	NO	NO	YES	YES	YES	YES	NO	NO
Feasibility and outcomes regarding open and laparoscopic radical prostatectomy in patients with previous synthetic mesh inguinal hernia repair: meta-analysis and systematic review of 7,497	2015	10	YES	NO	NO	11	YES	Laparoscopy	NO	NO	YES	Could not answer	YES	YES	NO	NO	YES	YES	NO	NO

patients.																				
A systematic review of the tools available for predicting survival and managing patients with urothelial carcinomas of the bladder and of the upper tract in a curative setting.	2013	10	NO	NO	NO	117	NO	Oncology	NO	Could not answer	NO	Could not answer	YES	YES	NO	NO	Could not answer	.	NO	
Extracorporeal shock wave therapy (ESWT) in urology: a systematic review of outcome in Peyronie's disease, erectile dysfunction and chronic pelvic pain.	2017	10	NO	NO	NO	10	YES	Infertility/erectile disorder	NO	NO	YES	NO	YES	YES	NO	NO	Could not answer	Could not answer	YES	
Prognostic factors and predictive tools for upper tract urothelial carcinoma: a systematic review.	2017	10	NO	NO	NO	116	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	YES	
Uncovering the real outcomes of active renal stone treatment by utilizing non-contrast computer tomography: a systematic review of the current literature.	2017	10	NO	NO	NO	23	YES	Stones/endoscopy	NO	YES	NO	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	NO	
High rates of venous thromboembolic events in patients undergoing systemic therapy for urothelial carcinoma: A systematic review and meta-analysis.	2016	11	YES	NO	NO	62	YES	Oncology	YES	YES	YES	Could not answer	YES	YES	NO	NO	YES	YES	NO	
Androgen-deprivation therapy plus chemotherapy in metastatic hormone-sensitive prostate cancer. A systematic review and meta-analysis of randomized clinical trials.	2016	11	YES	NO	NO	5	YES	Oncology	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	
Oncologic surveillance in bladder cancer following radical cystectomy: A systematic review and meta-analysis.	2016	11	YES	NO	NO	7	YES	Oncology	NO	NO	YES	NO	YES	NO	YES	YES	NO	NO	NO	
Nephron-sparing surgery for Wilms tumor: A systematic review.	2016	11	NO	NO	NO	66	YES	Oncology	YES	YES	YES	YES	YES	YES	NO	NO	Could not answer	Could not answer	YES	
PSA velocity: a systematic review of clinical applications.	2014	11	NO	NO	NO	0	YES	Oncology	NO	NO	YES	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO	





and meta-analysis.								disorder												
Topical anesthetic agents for premature ejaculation: a systematic review and meta-analysis.	2013	12	YES	NO	NO	8	YES	Infertility/erectile disorder	NO	YES	YES	YES	YES	NO	NO	NO	YES	NO	NO	
Outcomes of microsurgical vasovasostomy for vasectomy reversal: a meta-analysis and systematic review.	2015	12	YES	NO	NO	31	NO	Infertility/erectile disorder	NO	YES	Could not answer	Could not answer	YES	YES	NO	NO	YES	NO	YES	
Arterioureteral fistulas: unusual suspects-systematic review of 139 cases.	2009	12	NO	NO	NO	107	YES	Trauma/reconstruction	NO	NO	NO	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO	
Role of repeated prostatic massage in chronic prostatitis: a systematic review of the literature.	2008	12	NO	NO	NO	5	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	NO	
Efficacy of Phosphodiesterase-5 Inhibitor in Men With Premature Ejaculation: A New Systematic Review and Meta-analysis.	2015	12	YES	NO	NO	10	YES	Infertility/erectile disorder	NO	YES	YES	Could not answer	YES	YES	YES	NO	YES	YES	YES	
Pheochromocytoma of the urinary bladder: a systematic review of the contemporary literature.	2013	12	NO	NO	NO	80	YES	Oncology	NO	Could not answer	YES	Could not answer	NO	YES	NO	NO	Could not answer	Could not answer	YES	
Systematic review and meta-analysis of transurethral resection of the prostate versus minimally invasive procedures for the treatment of benign prostatic obstruction.	2010	12	YES	NO	NO	38	YES	Laparoscopy	NO	Could not answer	YES	YES	YES	YES	YES	YES	YES	NO	NO	
Tolterodine extended release in the treatment of male OAB/storage LUTS: a systematic review.	2014	12	NO	NO	NO	19	YES	Voiding dysfunction	NO	NO	NO	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	NO	
Phosphodiesterase-5 inhibitors for lower urinary tract symptoms secondary to benign prostatic hyperplasia: a systematic review and meta-analysis.	2011	12	YES	NO	NO	11	YES	Voiding dysfunction	NO	YES	YES	Could not answer	YES	YES	YES	YES	YES	YES	NO	
Nonoperative management of nonvascular grade IV blunt renal trauma in children: meta-analysis and systematic review.	2009	12	NO	NO	NO	10	YES	Trauma/reconstruction	NO	NO	YES	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	NO	
A systematic review and meta-analysis of bone metabolism in prostate adenocarcinoma.	2010	12	YES	NO	NO	32	YES	Oncology	NO	NO	NO	YES	YES	YES	NO	NO	YES	YES	YES	

Selective Serotonin Reuptake Inhibitors Plus Phosphodiesterase-5 Inhibitors for Premature Ejaculation: A Systematic Review and Meta-analysis.	2015	12	YES	NO	NO	6	NO	Infertility/erectile disorder	NO	YES	YES	Could not answer	YES	NO	NO	NO	YES	NO	NO
The beneficial effect of alpha-blockers for ureteral stent-related discomfort: systematic review and network meta-analysis for alfuzosin versus tamsulosin versus placebo.	2015	12	YES	NO	NO	7	YES	Voiding dysfunction	NO	NO	NO	Could not answer	YES	NO	YES	YES	YES	YES	NO
The use of tramadol "on-demand" for premature ejaculation: a systematic review.	2013	12	NO	NO	NO	5	YES	Infertility/erectile disorder	NO	Could not answer	NO	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
Oral sildenafil citrate (viagra) for erectile dysfunction: a systematic review and meta-analysis of harms.	2009	12	YES	NO	NO	49	YES	Infertility/erectile disorder	NO	NO	YES	YES	NO	YES	NO	NO	YES	NO	NO
Assessing the Impact of Barbed Suture on Vesicourethral Anastomosis During Minimally Invasive Radical Prostatectomy: A Systematic Review and Meta-analysis.	2015	12	YES	NO	NO	10	YES	Laparoscopy	NO	NO	YES	Could not answer	YES	NO	YES	YES	YES	YES	NO
Medium-term Outcomes of Urolift (Minimum 12 Months Follow-up): Evidence From a Systematic Review.	2016	12	NO	NO	NO	7	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	NO
The efficacy and safety of silodosin for the treatment of ureteral stones: a systematic review and meta-analysis.	2016	12	YES	NO	NO	6	YES	Stones/endoscopy	NO	Could not answer	YES	Could not answer	YES	NO	YES	YES	YES	YES	NO
Recent Trends in Postcystectomy Health-related Quality of Life (QoL) Favors Neobladder Diversion: Systematic Review of the Literature.	2016	12	NO	NO	NO	22	YES	Laparoscopy	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
Systematic review and meta-analysis of Transurethral Needle Ablation in symptomatic Benign Prostatic Hyperplasia.	2006	12	YES	NO	NO	35	YES	Laparoscopy	NO	Could not answer	YES	YES	YES	YES	YES	NO	YES	NO	YES
A Systematic Review of Research Gaps in the Evaluation and Management of Localized Renal Masses.	2016	12	NO	NO	NO	147	YES	Laparoscopy	NO	YES	YES	Could not answer	NO	NO	YES	YES	Could not answer	Could not answer	YES

Combined androgen blockade with nonsteroidal antiandrogens for advanced prostate cancer: a systematic review.	2001	12	NO	NO	NO	20	YES	Oncology	NO	NO	YES	Could not answer	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
The Efficacy of Medical Expulsive Therapy (MET) in Improving Stone-free Rate and Stone Expulsion Time, After Extracorporeal Shock Wave Lithotripsy (SWL) for Upper Urinary Stones: A Systematic Review and Meta-analysis.	2015	12	YES	NO	NO	26	YES	Stones/endoscopy	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	NO	YES	YES	YES
Laparoscopic nephrectomy in children: systematic review of transperitoneal and retroperitoneal approaches.	2009	12	NO	NO	NO	51	NO	Laparoscopy	NO	Could not answer	NO	Could not answer	YES	NO	NO	NO	NO	Could not answer	Could not answer	NO
The Relationship Between Testosterone-Replacement Therapy and Lower Urinary Tract Symptoms: A Systematic Review.	2016	12	NO	NO	NO	36	YES	Voiding dysfunction	NO	NO	YES	Could not answer	YES	YES	NO	NO	NO	Could not answer	Could not answer	NO
Systematic review and meta-analysis of randomised trials of perioperative outcomes comparing robot-assisted versus open radical cystectomy.	2016	12	YES	NO	NO	4	YES	Oncology	NO	YES	YES	Could not answer	YES	YES	YES	YES	YES	YES	NO	YES
A Systematic Review of Ileal Conduit and Neobladder Outcomes in Primary Bladder Cancer.	2016	12	NO	NO	NO	25	YES	Oncology	NO	NO	NO	NO	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO
The effects of antimuscarinics on health-related quality of life in overactive bladder: a systematic review and meta-analysis.	2006	12	YES	NO	NO	211	YES	Voiding dysfunction	NO	YES	YES	YES	YES	YES	NO	NO	NO	YES	NO	YES
How close are we to knowing whether orthotopic bladder replacement surgery is the new gold standard?--evidence from a systematic review update.	2009	12	NO	NO	NO	6	YES	Voiding dysfunction	NO	YES	YES	Could not answer	YES	YES	YES	YES	YES	Could not answer	Could not answer	NO
Predictive Factors for Reclassification and Relapse in Prostate Cancer Eligible for Active Surveillance: A Systematic Review and Meta-analysis.	2016	12	NO	NO	NO	32	YES	Oncology	NO	NO	YES	NO	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO

Finasteride in the treatment of clinical benign prostatic hyperplasia: a systematic review of randomised trials.	2002	12	NO	NO	NO	21	YES	Voiding dysfunction	NO	Could not answer	NO	NO	YES	YES	YES	NO	YES	YES	NO
Alfuzosin for treatment of lower urinary tract symptoms compatible with benign prostatic hyperplasia: a systematic review of efficacy and adverse effects.	2005	12	NO	NO	NO	11	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	NO
Percutaneous Nephrolithotomy for Stones in Solitary Kidney: Evidence From a Systematic Review.	2017	12	NO	NO	NO	6	YES	Stones/endoscopy	NO	YES	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer	YES
Management of Overactive Bladder With OnabotulinumtoxinA: Systematic Review and Meta-analysis.	2017	12	YES	NO	NO	11	YES	Voiding dysfunction	NO	NO	YES	YES	NO	YES	YES	NO	NO	NO	YES
Prostate Biopsy-related Infection: A Systematic Review of Risk Factors, Prevention Strategies, and Management Approaches.	2017	12	NO	NO	NO	120	YES	Infection/inflammation	NO	Could not answer	YES	YES	YES	NO	NO	NO	Could not answer	Could not answer	YES
Early outcomes of thulium laser versus transurethral resection of the prostate for managing benign prostatic hyperplasia: a systematic review and meta-analysis of comparative studies.	2014	13	YES	NO	NO	9	YES	Voiding dysfunction	NO	NO	YES	Could not answer	YES	YES	NO	NO	NO	NO	NO
Efficacy and safety of local steroids for urethra strictures: a systematic review and meta-analysis.	2014	13	YES	NO	NO	19	YES	Voiding dysfunction	NO	YES	YES	Could not answer	YES	YES	YES	YES	YES	NO	YES
Comparison of hand-assisted laparoscopy versus open and laparoscopic techniques in urology procedures: a systematic review and meta-analysis.	2011	13	YES	NO	NO	62	YES	Laparoscopy	YES	Could not answer	NO	Could not answer	YES	YES	NO	NO	YES	NO	YES
Bipolar transurethral resection versus monopolar transurethral resection for benign prostatic hypertrophy: a systematic review and meta-analysis.	2014	13	YES	NO	NO	31	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	YES	YES	NO	YES	NO	YES
The surgical treatment of a large prostatic adenoma: the laparoscopic approach--a systematic review.	2012	13	NO	NO	NO	14	YES	Laparoscopy	NO	NO	NO	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES

The Efficacy and Safety of Tamsulosin Combined with Extracorporeal Shockwave Lithotripsy for Urolithiasis: A Systematic Review and Meta-Analysis of Randomized Controlled Trials.	2015	13	YES	NO	NO	21	YES	Stones/endoscopy	NO	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	NO
Systematic Review and Meta-Analysis of Nephrostomy Placement Versus Tubeless Percutaneous Nephrolithotomy.	2010	13	YES	NO	NO	10	YES	Stones/endoscopy	NO	NO	YES	Could not answer	NO	NO	NO	NO	NO	NO	NO	YES
Holmium:YAG Laser Ablation for the Management of Lower Urinary Tract Foreign Bodies Following Incontinence Surgery: A Case Series and Systematic Review.	2016	13	NO	NO	NO	37	YES	Voiding dysfunction	NO	NO	YES	Could not answer	YES	YES	YES	NO	Could not answer	Could not answer	NO	
Flexible ureteroscopy and laser lithotripsy for stones >2 cm: a systematic review and meta-analysis.	2012	13	YES	NO	NO	9	YES	Stones/endoscopy	NO	NO	YES	Could not answer	YES	YES	NO	NO	NO	NO	NO	YES
Robotic or open radical cystectomy, which is safer? A systematic review and meta-analysis of comparative studies.	2014	13	YES	NO	NO	7	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	YES	YES	YES	YES	NO	YES
Holmium laser enucleation of the prostate versus transurethral resection of the prostate: a systematic review and meta-analysis of randomized controlled trials.	2013	13	YES	NO	NO	6	YES	Infection/inflammation	NO	YES	YES	Could not answer	YES	YES	NO	NO	YES	YES	YES	
A systematic review and meta-analysis of current evidence comparing laparoendoscopic single-site adrenalectomy and conventional laparoscopic adrenalectomy.	2013	13	YES	NO	NO	9	YES	Laparoscopy	NO	NO	YES	Could not answer	YES	YES	NO	NO	YES	YES	YES	
How Do Urinary Calculi Influence Health-Related Quality of Life and Patient Treatment Preference: A Systematic Review.	2016	13	NO	NO	NO	35	YES	Stones/endoscopy	NO	YES	YES	NO	YES	YES	YES	NO	Could not answer	Could not answer	NO	
Laparoendoscopic single-site adrenalectomy versus conventional laparoscopic surgery: a systematic review and meta-analysis of observational studies.	2013	13	NO	NO	NO	9	YES	Laparoscopy	NO	NO	YES	Could not answer	YES	YES	NO	NO	YES	NO	YES	

Laparoscopic versus open pyeloplasty for ureteropelvic junction obstruction in children: a systematic review and meta-analysis.	2011	13	YES	NO	NO	16	YES	Laparoscopy	NO	YES	YES	Could not answer	YES	YES	YES	YES	YES	YES	YES	YES
Selective Versus Hilar Clamping During Minimally Invasive Partial Nephrectomy: A Systematic Review and Meta-Analysis.	2015	13	YES	NO	NO	7	NO	Laparoscopy	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO
Systematic review and meta-analysis of percutaneous nephrolithotomy for patients in the supine versus prone position.	2010	13	YES	NO	NO	4	NO	Stones/endoscopy	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Outcomes of Systematic Review of Ureterscopy for Stone Disease in the Obese and Morbidly Obese Population.	2016	13	NO	NO	NO	21	YES	Stones/endoscopy	NO	YES	YES	Could not answer	YES	YES	YES	YES	Could not answer	Could not answer	NO	NO
Retrograde Intrarenal Surgery Versus Percutaneous Nephrolithotomy Versus Extracorporeal Shockwave Lithotripsy for Treatment of Lower Pole Renal Stones: A Meta-Analysis and Systematic Review.	2015	13	YES	NO	NO	14	YES	Stones/endoscopy	NO	NO	YES	Could not answer	NO	NO	NO	NO	YES	NO	YES	YES
Bilateral Same-Session Ureterscopy for Treatment of Ureteral Calculi: A Systematic Review and Meta-Analysis.	2016	13	YES	NO	NO	11	YES	Stones/endoscopy	NO	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	NO
Urinary leakage after laparoscopic radical prostatectomy: a systematic review.	2007	13	NO	NO	NO	24	YES	Laparoscopy	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO	NO
Effect of Playing Video Games on Laparoscopic Skills Performance: A Systematic Review.	2016	13	NO	NO	NO	5	YES	Laparoscopy	NO	YES	YES	NO	YES	YES	YES	NO	Could not answer	Could not answer	YES	YES
Off-clamp versus complete hilar control partial nephrectomy for renal cell carcinoma: a systematic review and meta-analysis.	2014	13	YES	NO	NO	10	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	YES	YES	YES	YES	YES	YES
Medical expulsive therapy as an adjunct to improve shockwave lithotripsy outcomes: a systematic review and meta-analysis.	2009	13	YES	NO	NO	4	NO	Stones/endoscopy	NO	YES	NO	Could not answer	YES	YES	YES	YES	YES	YES	YES	NO
Repeated white light transurethral resection of the bladder in nonmuscle-invasive urothelial	2011	13	YES	NO	NO	15	YES	Oncology	NO	NO	YES	Could not answer	YES	YES	NO	NO	NO	NO	NO	YES

bladder cancers: systematic review and meta-analysis.																				
The role for active monitoring in urinary stones: a systematic review.	2010	13	NO	NO	NO	37	YES	Stones/endoscopy	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES	
Ten years of docetaxel-based therapies in prostate adenocarcinoma: a systematic review and meta-analysis of 2244 patients in 12 randomized clinical trials.	2011	14	YES	NO	NO	12	YES	Oncology	YES	YES	YES	YES	YES	NO	NO	NO	YES	NO	NO	
Radical prostatectomy or radiotherapy in high-risk prostate cancer: a systematic review and metaanalysis.	2014	14	YES	NO	NO	17	YES	Oncology	NO	NO	YES	Could not answer	YES	YES	NO	NO	YES	YES	YES	
Everolimus and temsirolimus are not the same second-line in metastatic renal cell carcinoma. A systematic review and meta-analysis of literature data.	2015	14	YES	NO	NO	4	YES	Oncology	NO	NO	NO	Could not answer	YES	NO	YES	YES	YES	YES	NO	
Surveillance or Adjuvant Treatment With Chemotherapy or Radiotherapy in Stage I Seminoma: A Systematic Review and Meta-Analysis of 13 Studies.	2015	14	YES	NO	NO	13	YES	ONCOLOGY	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	YES	YES	YES	
Well-Differentiated Papillary Mesothelioma of the Tunica Vaginalis: Case Report and Systematic Review of Literature.	2016	14	NO	NO	NO	24	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES	
Clinical Features and Treatment of Penile Schwannoma: A Systematic Review.	2016	14	NO	NO	NO	29	YES	Oncology	NO	Could not answer	NO	Could not answer	NO	YES	NO	NO	Could not answer	.	NO	
Radiotherapy Boost for the Dominant Intraprostatic Cancer Lesion-A Systematic Review and Meta-Analysis.	2016	14	YES	NO	NO	18	YES	Oncology	NO	NO	YES	Could not answer	YES	YES	YES	YES	NO	NO	YES	
Cytoreductive Nephrectomy in Metastatic Renal Cell Carcinoma Treated With Targeted Therapies: A Systematic Review With a Meta-Analysis.	2016	14	YES	NO	NO	12	YES	Oncology	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
Outcome and Safety of Sorafenib in Metastatic Renal Cell Carcinoma Dialysis Patients: A	2016	14	NO	NO	NO	11	YES	Oncology	NO	Could not answer	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES	

Systematic Review.																				
A Systematic Review of the Prognostic Role of Hematologic Scoring Systems in Patients With Renal Cell Carcinoma Undergoing Nephrectomy With Curative Intent.	2016	14	NO	NO	NO	8	YES	Oncology	NO	NO	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO	
Efficacy and Safety of Gemcitabine Plus Either Taxane or Carboplatin in the First-Line Setting of Metastatic Urothelial Carcinoma: A Systematic Review and Meta-Analysis.	2017	14	YES	NO	NO	27	YES	Oncology	NO	NO	YES	Could not answer	YES	YES	NO	NO	NO	YES	NO	
Port-Site Metastases After Robotic Radical Cystectomy: A Systematic Review and Management Options.	2017	14	NO	NO	NO	3	NO	Oncology	NO	Could not answer	NO	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	YES	
Focal therapy for kidney cancer: a systematic review.	2009	15	NO	NO	NO	NO REPORTAN	NO	Laparoscopy	NO	Could not answer	NO	Could not answer	NO	NO	YES	NO	Could not answer	Could not answer	NO	
Outcome of microdissection TESE compared with conventional TESE in non-obstructive azoospermia: a systematic review.	2014	16	YES	NO	NO	7	YES	Infertility/erectile disorder	NO	NO	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES	
Testosterone deficiency in testicular cancer survivors - a systematic review and meta-analysis.	2016	16	YES	NO	NO	12	YES	Oncology	NO	Could not answer	NO	Could not answer	YES	YES	YES	YES	YES	YES	NO	
Vasectomy and risk of prostate cancer: a systematic review and meta-analysis of cohort studies.	2015	16	NO	NO	NO	9	YES	Oncology	NO	NO	YES	Could not answer	YES	YES	YES	YES	YES	NO	NO	
Outcomes of intra-detrusor injections of botulinum toxin in patients with spina bifida: A systematic review.	2017	17	NO	NO	NO	12	YES	Voiding dysfunction	NO	NO	NO	NO	YES	YES	YES	YES	Could not answer	Could not answer	YES	
Risk of urinary retention after nerve-sparing surgery for deep infiltrating endometriosis: A systematic review and meta-analysis.	2017	17	YES	NO	NO	4	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	YES	NO	NO	NO	YES	NO	
Systematic review of surgical treatment of post radical prostatectomy stress urinary incontinence.	2016	17	NO	NO	NO	45	YES	Voiding dysfunction	NO	Could not answer	NO	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES	



Intermittent self-dilatation for urethral stricture disease in males: A systematic review and meta-analysis.	2016	17	YES	NO	NO	11	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	YES	YES	YES	YES	YES	YES	NO
Does pelvic floor muscle training augment the effect of surgery in women with pelvic organ prolapse? A systematic review of randomized controlled trials.	2016	17	NO	NO	NO	5	YES	Trauma/reconstruction	NO	YES	YES	YES	YES	YES	YES	YES	YES	Could not answer	Could not answer	NO
A systematic review and comparison of questionnaires in the management of spinal cord injury, multiple sclerosis and the neurogenic bladder.	2016	17	NO	NO	NO	97	YES	Voiding dysfunction	NO	NO	NO	NO	YES	YES	NO	NO	NO	Could not answer	Could not answer	NO
Pelvic floor muscle training versus no treatment, or inactive control treatments, for urinary incontinence in women: a short version Cochrane systematic review with meta-analysis.	2015	17	YES	NO	NO	21	NO	Trauma/reconstruction		Could not answer	Could not answer	Could not answer	YES	NO	YES	YES	NO	NO	NO	YES
Surgical treatment of neurogenic stress urinary incontinence: A systematic review of quality assessment and surgical outcomes.	2016	17	NO	NO	NO	30	YES	Voiding dysfunction	NO	NO	NO	Could not answer	NO	YES	YES	YES	YES	Could not answer	Could not answer	NO
Efficacy of electromagnetic therapy for urinary incontinence: A systematic review.	2015	17	YES	NO	NO	8	NO	Voiding dysfunction	YES	YES	Could not answer	Could not answer	YES	YES	YES	YES	YES	YES	NO	YES
Urodynamic studies for management of urinary incontinence in children and adults: A short version Cochrane systematic review and meta-analysis.	2015	17	YES	NO	NO	8	YES	Voiding dysfunction	NO	NO	NO	Could not answer	NO	NO	YES	YES	YES	YES	YES	NO
Pathophysiology of idiopathic overactive bladder and the success of treatment: a systematic review from ICI-RS 2013.	2014	17	NO	NO	NO	20	YES	Voiding dysfunction	NO	YES	YES	Could not answer	YES	YES	NO	NO	NO	Could not answer	Could not answer	YES
The efficacy and safety of onabotulinumtoxinA in treating idiopathic OAB: A systematic review and meta-analysis.	2015	17	NO	NO	NO	8	YES	Voiding dysfunction	NO	NO	YES	Could not answer	NO	YES	NO	NO	NO	YES	YES	NO
Management of lower urinary tract dysfunction in multiple sclerosis: a systematic review and Turkish consensus report.	2013	17	NO	NO	NO	125	YES	Infection/inflammation	NO	Could not answer	YES	Could not answer	NO	NO	NO	NO	NO	Could not answer	Could not answer	NO

Urethral sphincter function before and after radical prostatectomy: Systematic review of the prognostic value of various assessment techniques.	2013	17	NO	NO	NO	25	YES	Voiding dysfunction	NO	NO	NO	Could not answer	YES	NO	NO	NO	Could not answer	Could not answer	NO
Feedback or biofeedback to augment pelvic floor muscle training for urinary incontinence in women: shortened version of a Cochrane systematic review.	2013	17	YES	YES	YES	34	YES	Voiding dysfunction	NO	YES	YES	YES	YES	NO	YES	YES	YES	NO	YES
Effects of percutaneous tibial nerve stimulation on adult patients with overactive bladder syndrome: a systematic review.	2013	17	NO	NO	NO	10	YES	Voiding dysfunction	NO	NO	YES	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	NO
Does it work in the long term?--A systematic review on pelvic floor muscle training for female stress urinary incontinence.	2013	17	NO	NO	NO	19	NO	Voiding dysfunction	NO	Could not answer	NO	YES	YES	YES	YES	YES	Could not answer	Could not answer	YES
Effectiveness of percutaneous posterior tibial nerve stimulation for overactive bladder: a systematic review and meta-analysis.	2012	17	YES	NO	NO	16	YES	Voiding dysfunction	YES	YES	YES	Could not answer	YES	YES	YES	YES	YES	NO	NO
Are biomechanical properties predictive of the success of prostheses used in stress urinary incontinence and pelvic organ prolapse? A systematic review.	2012	17	NO	NO	NO	15	YES	Voiding dysfunction	NO	NO	NO	Could not answer	NO	NO	NO	NO	Could not answer	Could not answer	NO
Electrical stimulation for lower urinary tract dysfunction in children: a systematic review of the literature.	2011	17	NO	NO	NO	17	YES	Voiding dysfunction	NO	Could not answer	NO	Could not answer	YES	YES	NO	NO	Could not answer	Could not answer	YES
Efficacy and adverse events of sacral nerve stimulation for overactive bladder: A systematic review.	<b>2010</b>	17	NO	NO	NO	16	YES	Voiding dysfunction	NO	Could not answer	YES	YES	YES	YES	YES	YES	Could not answer	Could not answer	YES
Evidence for benefit of transversus abdominis training alone or in combination with pelvic floor muscle training to treat female urinary incontinence: A systematic review.	2009	17	NO	NO	NO	5	YES	Voiding dysfunction	NO	Could not answer	NO	YES	YES	NO	NO	NO	Could not answer	Could not answer	NO
Prophylactic antibiotics in urodynamics: a systematic review of effectiveness and safety.	2008	17	NO	NO	NO	8	YES	Infection/inflammation	YES	YES	YES	YES	YES	YES	YES	YES	Could not answer	Could not answer	NO

Acupuncture for nocturnal enuresis in children: a systematic review and exploration of rationale.	2005	17	NO	NO	NO	84	YES	Voiding dysfunction	NO	NO	YES	YES	YES	YES	YES	YES	YES	Could not answer	Could not answer	NO
Urinary tract infections after pelvic floor gynecological surgery: prevalence and effect of antimicrobial prophylaxis. A systematic review.	2008	18	NO	NO	NO	19	YES	Infection/inflammation	NO	Could not answer	NO	Could not answer	YES	YES	YES	NO	NO	Could not answer	Could not answer	YES
Resiniferatoxin in the treatment of interstitial cystitis: a systematic review.	2008	18	NO	NO	NO	6	YES	Infection/inflammation	NO	YES	NO	Could not answer	YES	YES	NO	NO	NO	Could not answer	Could not answer	NO
Incontinence-specific quality of life measures used in trials of treatments for female urinary incontinence: a systematic review.	2006	18	NO	NO	NO	61	YES	Voiding dysfunction	NO	NO	NO	Could not answer	YES	YES	NO	NO	NO	Could not answer	Could not answer	YES
Adjuvant materials in anterior vaginal wall prolapse surgery: a systematic review of effectiveness and complications.	2008	18	NO	NO	NO	10	YES	Voiding dysfunction	NO	NO	YES	Could not answer	YES	YES	NO	NO	NO	NO	YES	NO
Perineal pad test in evaluating outcome of treatments for female incontinence: a systematic review.	2002	18	NO	NO	NO	75	YES	Voiding dysfunction	NO	Could not answer	NO	Could not answer	YES	YES	NO	NO	NO	Could not answer	Could not answer	YES
A systematic review of estrogens for recurrent urinary tract infections: third report of the hormones and urogenital therapy (HUT) committee.	2001	18	NO	NO	NO	5	YES	Infection/inflammation	NO	NO	YES	Could not answer	YES	NO	NO	NO	NO	Could not answer	Could not answer	NO
Specific immunotherapy in renal cancer: a systematic review.	2017	19	NO	NO	NO	14	YES	Oncology	NO	NO	YES	Could not answer	YES	YES	YES	YES	YES	NO	YES	YES
Optimal treatment of tuberosus sclerosis complex associated renal angiomyolipomata: a systematic review.	2016	19	NO	NO	NO	44	YES	Oncology	NO	Could not answer	NO	YES	YES	NO	NO	NO	NO	Could not answer	Could not answer	YES
A systematic review of the correlates and management of nonpremature ejaculatory dysfunction in heterosexual men.	2013	19	NO	NO	NO	333	YES	Infertility/erectile disorder	NO	Could not answer	NO	Could not answer	YES	YES	NO	NO	NO	Could not answer	Could not answer	YES
Adjuvant chemotherapy for invasive bladder cancer (individual patient data)	2006	Cochrane Library	NO	YES	YES	6	YES	ONCOLOGY	YES	Could not answer	YES	YES	NO	NO	NO	NO	NO	Could not answer	Could not answer	YES
Adjuvant radiotherapy following radical prostatectomy for prostate	2011	Cochrane Library	NO	YES	YES	16	YES	ONCOLOGY	YES	NO	YES	YES	YES	YES	YES	YES	YES	Could not	Could not	YES





