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## Bladder Diseases


The bladder is a hollow organ in your lower abdomen that stores urine. Many conditions can affect your bladder. Some common ones are:

- Cystitis - inflammation of the bladder, often from an infection [<https://medlineplus.gov/urinarytractinfections.html>]
- Urinary incontinence [<https://medlineplus.gov/urinaryincontinence.html>] - loss of bladder control
- Overactive bladder [<https://medlineplus.gov/overactivebladder.html>] - a condition in which the bladder squeezes urine out at the wrong time
- Interstitial cystitis [<https://medlineplus.gov/interstitialcystitis.html>] - a chronic problem that causes bladder pain and frequent, urgent urination
- Bladder cancer [<https://medlineplus.gov/bladdercancer.html>]

Doctors diagnose bladder diseases using different tests. These include urine tests [<https://medlineplus.gov/urinalysis.html>] , x-rays, and an examination of the bladder wall with a scope called a cystoscope. Treatment depends on the cause of the problem. It may include medicines and, in severe cases, surgery.

*NIH: National Institute of Diabetes and Digestive and Kidney Diseases*


### Start Here

- Urinary Tract and How It Works [<https://www.niddk.nih.gov/health-information/urologic-diseases/urinary-tract-how-it-works>]  (National Institute of Diabetes and Digestive and Kidney Diseases)  
Also in Spanish [<https://www.niddk.nih.gov/health-information/informacion-de-la-salud/enfermedades-urologicas/aparato-urinario-funciona>]

### Diagnosis and Tests

- Cystoscopy and Ureteroscopy [<https://www.niddk.nih.gov/health-information/diagnostic-tests/cystoscopy-ureteroscopy>]  (National Institute of Diabetes and Digestive and Kidney Diseases)  
Also in Spanish [<https://www.niddk.nih.gov/health-information/informacion-de-la-salud/pruebas-diagnosticas/cistoscopia-ureterosopia>]
- Intravenous Pyelogram (IVP) [<https://medlineplus.gov/lab-tests/intravenous-pyelogram-ivp/>]  (National Library of Medicine)  
Also in Spanish [<https://medlineplus.gov/spanish/pruebas-de-laboratorio/pielografia-intravenosa-pm/>]
- Pelvis Ultrasound [<https://www.radiologyinfo.org/en/info/pelvus>]  (American College of Radiology; Radiological Society of North America)  
Also in Spanish [<https://www.radiologyinfo.org/es/info/pelvus>]
- Urinary Retention [<https://www.niddk.nih.gov/health-information/urologic-diseases/urinary-retention>]  (National Institute of Diabetes and Digestive and Kidney Diseases)  
Also in Spanish [<https://www.niddk.nih.gov/health-information/informacion-de-la-salud/enfermedades-urologicas/retencion-urinaria>]
- Urinary Tract Imaging [<https://www.niddk.nih.gov/health-information/diagnostic-tests/urinary-tract-imaging>]  (National Institute of Diabetes and Digestive and Kidney Diseases)  
Also in Spanish [<https://www.niddk.nih.gov/health-information/informacion-de-la-salud/pruebas-diagnosticas/imagen-vias-urinarias>]
- Urination Problems [<https://familydoctor.org/symptom/urination-problems/?adfree=true>] (American Academy of Family Physicians)  
Also in Spanish [<https://es.familydoctor.org/sintoma/problemas-al-orinar/?adfree=true>]

# Treatments and Therapies

- Urinary Diversion [<https://www.niddk.nih.gov/health-information/urologic-diseases/urinary-diversion>]  
 (National Institute of Diabetes and Digestive and Kidney Diseases)  
Also in Spanish [<https://www.niddk.nih.gov/health-information/informacion-de-la-salud/enfermedades-urologicas/derivacion-urinaria>]



## Related Issues

- Urine Color [<https://www.mayoclinic.org/diseases-conditions/urine-color/symptoms-causes/syc-20367333?p=1>]  
(Mayo Foundation for Medical Education and Research)  
Also in Spanish [<https://www.mayoclinic.org/es/diseases-conditions/urine-color/symptoms-causes/syc-20367333?p=1>]

## Specifics

- Bladder Stones [<https://familydoctor.org/condition/bladder-stones/?adfree=true>] (American Academy of Family Physicians)  
Also in Spanish [<https://es.familydoctor.org/condicion/calculos-en-la-vejiga-es/?adfree=true>]

## Clinical Trials

- ClinicalTrials.gov: Urinary Bladder Diseases [<https://clinicaltrials.gov/search?cond=%22Urinary+Bladder+Diseases%22&aggFilters=status:not%20rec>]  (National Institutes of Health)
- ClinicalTrials.gov: Urinary Bladder, Neurogenic [<https://clinicaltrials.gov/search?cond=%22Urinary+Bladder,+Neurogenic%22&aggFilters=status:not%20rec>]  (National Institutes of Health)

## Journal Articles


References and abstracts from MEDLINE/PubMed (National Library of Medicine)

- Article: Prospective observational study of oxidative stress in the pathology of benign...  
[<https://www.ncbi.nlm.nih.gov/pubmed/40373101>]
- Article: Bladder haematoma after transvaginal ultrasound-guided oocyte retrieval: a retrospective analysis and...  
[<https://www.ncbi.nlm.nih.gov/pubmed/40314402>]
- Article: Bladder dysfunction in hypoestrogenic rats with metabolic syndrome can be ameliorated...  
[<https://www.ncbi.nlm.nih.gov/pubmed/40167277>]
- Bladder Diseases -- see more articles [<https://pubmed.ncbi.nlm.nih.gov/?term=%22Urinary+Bladder+Diseases%22%5Bmajr%3Anoexp%5D+AND+humans%5Bmh%5D+AND+english%5Bla%5D+AND+%22last+2+Years%22+%5Bedat%5D+NOT+%28letter%5Bpt%5D+OR+case+reports%5Bpt%5D+OR+editorial%5Bpt%5D+OR+comment%5Bpt%5D%29+AND+free+full+text%5Bsb%5D+>]


## Reference Desk

- Kidneys and Urinary Tract (For Parents) [<https://kidshealth.org/en/parents/kidneys-urinary.html>] (Nemours Foundation)  
Also in Spanish [<https://kidshealth.org/es/parents/kidneys-urinary.html>]

## Find an Expert

- National Institute of Diabetes and Digestive and Kidney Diseases [<https://www.niddk.nih.gov>] 

## Children

- Blood in the Urine (Hematuria) (For Parents) [<https://kidshealth.org/en/parents/hematuria.html>] (Nemours Foundation)  
Also in Spanish [<https://kidshealth.org/es/parents/hematuria.html>]
- Hydronephrosis in Newborns [<https://www.niddk.nih.gov/health-information/urologic-diseases/hydronephrosis-newborns>]  
 (National Kidney and Urologic Diseases Information Clearinghouse)  
Also in Spanish [<https://www.niddk.nih.gov/health-information/informacion-de-la-salud/enfermedades-urologicas/hidronefrosis-recien-nacidos>]
- Patent urachus repair - series [[https://medlineplus.gov/ency/presentations/100130\\_1.htm](https://medlineplus.gov/ency/presentations/100130_1.htm)] (Medical Encyclopedia)

Also in Spanish [[https://medlineplus.gov/spanish/ency/esp\\_presentations/100130\\_1.htm](https://medlineplus.gov/spanish/ency/esp_presentations/100130_1.htm)]

- **Pediatric VCUG (Voiding Cystourethrogram)** [<https://www.radiologyinfo.org/en/info/voidcysto>]

 (American College of Radiology; Radiological Society of North America)

Also in Spanish [<https://www.radiologyinfo.org/es/info/voidcysto>]

- **Ultrasound: Bladder (For Parents)** [<https://kidshealth.org/en/parents/ultrasound-bladder.html>] (Nemours Foundation)

Also in Spanish [<https://kidshealth.org/es/parents/ultrasound-bladder.html>]

- **Ultrasound: Renal (Kidneys, Ureters, Bladder) (For Parents)** [<https://kidshealth.org/en/parents/renal-ultrasound.html>]

(Nemours Foundation)

## Teenagers

- **Kidneys and Urinary Tract** [<https://kidshealth.org/en/teens/kidneys.html>] (Nemours Foundation)

Also in Spanish [<https://kidshealth.org/es/teens/kidneys.html>]

## Men

- **Bladder Outlet Obstruction: Causes in Men?** [<https://www.mayoclinic.org/diseases-conditions/benign-prostatic-hyperplasia/expert-answers/bladder-outlet-obstruction/FAQ-20058537?p=1>]

(Mayo Foundation for Medical Education and Research)

Also in Spanish [<https://www.mayoclinic.org/es/diseases-conditions/benign-prostatic-hyperplasia/expert-answers/bladder-outlet-obstruction/faq-20058537?p=1>]

## Women

- **Cystocele (Prolapsed Bladder)** [<https://www.niddk.nih.gov/health-information/urologic-diseases/cystocele>]

 (National Institute of Diabetes and Digestive and Kidney Diseases)

Also in Spanish [<https://www.niddk.nih.gov/health-information/informacion-de-la-salud/enfermedades-urologicas/cistocele>]

- **Vaginal Pessary** [<https://familydoctor.org/vaginal-pessary/?adfree=true>] (American Academy of Family Physicians)

Also in Spanish [<https://es.familydoctor.org/pesario-vaginal/?adfree=true>]

## Patient Handouts

- **Bladder biopsy** [<https://medlineplus.gov/ency/article/003902.htm>] (Medical Encyclopedia)

Also in Spanish [<https://medlineplus.gov/spanish/ency/article/003902.htm>]

- **Bladder outlet obstruction** [<https://medlineplus.gov/ency/article/002238.htm>] (Medical Encyclopedia)

Also in Spanish [<https://medlineplus.gov/spanish/ency/article/002238.htm>]

- **Bladder stones** [<https://medlineplus.gov/ency/article/001275.htm>] (Medical Encyclopedia)

Also in Spanish [<https://medlineplus.gov/spanish/ency/article/001275.htm>]

- **Cystitis - noninfectious** [<https://medlineplus.gov/ency/article/000514.htm>] (Medical Encyclopedia)

Also in Spanish [<https://medlineplus.gov/spanish/ency/article/000514.htm>]

- **Indwelling catheter care** [<https://medlineplus.gov/ency/patientinstructions/000140.htm>] (Medical Encyclopedia)

Also in Spanish [<https://medlineplus.gov/spanish/ency/patientinstructions/000140.htm>]

- **Neurogenic bladder** [<https://medlineplus.gov/ency/article/000754.htm>] (Medical Encyclopedia)

Also in Spanish [<https://medlineplus.gov/spanish/ency/article/000754.htm>]

- **Self catheterization - female** [<https://medlineplus.gov/ency/patientinstructions/000144.htm>] (Medical Encyclopedia)

Also in Spanish [<https://medlineplus.gov/spanish/ency/patientinstructions/000144.htm>]

- **Self catheterization - male** [<https://medlineplus.gov/ency/patientinstructions/000143.htm>] (Medical Encyclopedia)

Also in Spanish [<https://medlineplus.gov/spanish/ency/patientinstructions/000143.htm>]

- **Urinary catheters** [<https://medlineplus.gov/ency/article/003981.htm>] (Medical Encyclopedia)

Also in Spanish [<https://medlineplus.gov/spanish/ency/article/003981.htm>]



## MEDICAL ENCYCLOPEDIA

Bladder biopsy [<https://medlineplus.gov/ency/article/003902.htm>]

Bladder exstrophy repair [<https://medlineplus.gov/ency/article/002997.htm>]

Bladder outlet obstruction [<https://medlineplus.gov/ency/article/002238.htm>]

Bladder stones [<https://medlineplus.gov/ency/article/001275.htm>]

Cystitis - noninfectious [<https://medlineplus.gov/ency/article/000514.htm>]

Cystometric study [<https://medlineplus.gov/ency/article/003904.htm>]

Cystoscopy [<https://medlineplus.gov/ency/article/003903.htm>]

Frequent or urgent urination [<https://medlineplus.gov/ency/article/003140.htm>]

Indwelling catheter care [<https://medlineplus.gov/ency/patientinstructions/000140.htm>]

Intravenous pyelogram [<https://medlineplus.gov/ency/article/003782.htm>]

Kegel exercises - self-care [<https://medlineplus.gov/ency/patientinstructions/000141.htm>]

Lithotripsy [<https://medlineplus.gov/ency/article/007113.htm>]

Neurogenic bladder [<https://medlineplus.gov/ency/article/000754.htm>]

Patent urachus repair [<https://medlineplus.gov/ency/article/002993.htm>]

Patent urachus repair - series [[https://medlineplus.gov/ency/presentations/100130\\_1.htm](https://medlineplus.gov/ency/presentations/100130_1.htm)]

Pelvic CT scan [<https://medlineplus.gov/ency/article/007362.htm>]

Pelvic ultrasound - abdominal [<https://medlineplus.gov/ency/article/007667.htm>]

Radionuclide cystogram [<https://medlineplus.gov/ency/article/003832.htm>]

Retrograde cystography [<https://medlineplus.gov/ency/article/003783.htm>]

Self catheterization - female [<https://medlineplus.gov/ency/patientinstructions/000144.htm>]

Self catheterization - male [<https://medlineplus.gov/ency/patientinstructions/000143.htm>]

Suprapubic catheter care [<https://medlineplus.gov/ency/patientinstructions/000145.htm>]

Traumatic injury of the bladder and urethra [<https://medlineplus.gov/ency/article/001063.htm>]

Urinary catheters [<https://medlineplus.gov/ency/article/003981.htm>]

Urinary catheters - what to ask your doctor [<https://medlineplus.gov/ency/patientinstructions/000230.htm>]

Urinary incontinence products - self-care [<https://medlineplus.gov/ency/patientinstructions/000146.htm>]

Urination - painful [<https://medlineplus.gov/ency/article/003145.htm>]

Urine - bloody [<https://medlineplus.gov/ency/article/003138.htm>]

Urine drainage bags [<https://medlineplus.gov/ency/patientinstructions/000142.htm>]

Urostomy - stoma and skin care [<https://medlineplus.gov/ency/patientinstructions/000477.htm>]

Voiding cystourethrogram [<https://medlineplus.gov/ency/article/003784.htm>]

## Related Health Topics

Bladder Cancer [<https://medlineplus.gov/bladdercancer.html>]

Interstitial Cystitis [<https://medlineplus.gov/interstitialcystitis.html>]

Overactive Bladder [<https://medlineplus.gov/overactivebladder.html>]

Pelvic Floor Disorders [<https://medlineplus.gov/pelvicfloordisorders.html>]

Ureteral Disorders [<https://medlineplus.gov/ureteraldisorders.html>]

Urethral Disorders [<https://medlineplus.gov/urethraldisorders.html>]

Urinary Incontinence [<https://medlineplus.gov/urinaryincontinence.html>]

Urinary Tract Infections [<https://medlineplus.gov/urinarytractinfections.html>]

Urine and Urination [<https://medlineplus.gov/urineandurination.html>]

## National Institutes of Health

The primary NIH organization for research on *Bladder Diseases* is the National Institute of Diabetes and Digestive and Kidney Diseases [<https://www.niddk.nih.gov>]

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