

Vasectomy

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Vasectomy is a surgical procedure in which the vasa deferentia of a male mammal are cut for the purpose of sterilization. There are some variations on the procedure such as no-scalpel vasectomies, in which a surgical hook, rather than a scalpel, is used to enter the scrotum. After vasectomy, the testes remain in the scrotum where Leydig cells continue to produce testosterone and other male hormones that continue to be secreted into the bloodstream. Some studies find that sexual desire is unaffected in over 90% of vasectomized men whereas other studies find higher rates of diminished sexual desire. The sperm-filled fluid from the testes contributes about 10% to the volume of an ejaculation and does not significantly affect the appearance, texture, smell or flavor of the ejaculate. When the vasectomy is complete, sperm can no longer exit the body through the penis. They are broken down and absorbed by the body. Much fluid content is absorbed by membranes in the epididymis, and much solid content is broken down by macrophages and re-absorbed via the blood stream. Sperm is matured in the epididymis for about a month once it leaves the testicles. Approximately 50% of the sperm produced never make it to ejaculation in a non-vasectomized man. After vasectomy, the membranes increase in size to absorb more fluid, and more macrophages are recruited to break down and re-absorb more of the solid content. The fraction of sperms that exceed the digestive capabilities of macrophages exit into the scrotum as sperm granulomas.

Recent Publications on Vasectomy:



- [Vasectomy reversal.](#)
The purpose of this Technical Bulletin is to review the perioperative... 26th November, 2008
- Fertil Steril. 2008 Nov;90(5 Suppl):S78-82. ([DOI Direct Link](#))
- [Increased rotational mobility of the testis after vasectomy: a sonographic study.](#)
OBJECTIVE: The purpose of this study was to evaluate for increased... 22nd November, 2008
Department of Radiology, University of California, Davis Medical Center,- J Ultrasound Med. 2008 Dec;27(12):1667-72.
- [Automated analysis of postoperative behaviour: assessment of HomeCageScan as a novel method to rapidly identify pain and analgesic effects in mice.](#)
This study evaluated whether the automated behaviour recognition software... 19th November, 2008
Comparative Biology Centre, University of Newcastle upon Tyne, Framlington- Lab Anim. 2008 Nov 17. ([DOI Direct Link](#))
- [Value of Serum Antisperm Antibodies in Diagnosing Obstructive Azoospermia.](#)
PURPOSE: The requisite presence of active spermatogenesis for antisperm... 18th November, 2008
The Center for Male Reproductive Medicine and Microsurgery, Department of- J Urol. 2008 Nov 13. ([DOI Direct Link](#))
- [Inhibin B reference data for fertile and infertile men in Northeast America.](#)
OBJECTIVE: To determine normative levels of inhibin B and examine levels... 14th November, 2008

- The Alpert Medical School of Brown University, Providence, Rhode Island.- Fertil Steril. 2008 Nov 10. ([DOI Direct Link](#))
- [Steroid treatment of primary progressive aphasia.](#)
*OBJECTIVE: To learn if oral steroid treatment can alter the signs of...*13th November, 2008
 Department of Neurology, University of Florida College of Medicine,- Arch Neurol. 2008 Nov;65(11):1533-5. ([DOI Direct Link](#))
 - [Voluntary vasectomy in a Nigerian: a rarity.](#)
*OBJECTIVE: To learn if oral steroid treatment can alter the signs of...*6th November, 2008
 - Afr J Med Med Sci. 2008 Sep;37(3):289-90.
 - [Use of Viscoelastic Solution to Improve Visualization During Urologic Microsurgery: Evaluation of Patency After Vasovasostomy.](#)
*OBJECTIVES: Viscoat is a nonpyrogenic, sterile, viscoelastic solution used...*4th November, 2008
 Department of Urology, University of California, San Francisco, School of- Urology. 2008 Oct 30. ([DOI Direct Link](#))
 - [Approaches to the identification of new nonhormonal targets for male contraception.](#)
*Fertility control is a global health issue with major personal and...*1st November, 2008
 Department of Obstetrics and Gynecology, University of Pennsylvania School- Contraception. 2008 Oct;78(4 Suppl):S18-22. Epub 2008 Jun 12. ([DOI Direct Link](#))
 - [Development of a scrotal vasocutaneous fistula producing viable spermatozoa 9 years after vasectomy.](#)
*OBJECTIVE: To describe a case of scrotal vasocutaneous fistula discharging...*24th October, 2008
 Shropshire and Mid-Wales Fertility Centre, Royal Shrewsbury Hospital,- Fertil Steril. 2008 Oct 20. ([DOI Direct Link](#))
 - [Percutaneous sperm retrieval in secondary azoospermia.](#)
*INTRODUCTION: Males presenting for assisted reproduction after vasectomy...*22nd October, 2008
 Department of Urology, Manchester Royal Infirmary, Manchester, UK.- Urol Int. 2008;81(3):252-5.
 Epub 2008 Oct 16. ([DOI Direct Link](#))
 - [Vasectomy and the risk of prostate cancer.](#)
*PURPOSE: While the weight of evidence shows no association overall between...*22nd October, 2008
 Division of Public Health Sciences, Fred Hutchinson Cancer Research- J Urol. 2008 Dec;180(6):2565-7; discussion 2567-8. Epub 2008 Oct 19. ([DOI Direct Link](#))
 - [Clinical and consumer trial performance of a sensitive immunodiagnostic home test that qualitatively detects low concentrations of sperm following vasectomy.](#)
*PURPOSE: Compliance with post-vasectomy semen analysis could be improved...*22nd October, 2008
 Department of Cell BiologyCenter for Research in Contraceptive and- J Urol. 2008 Dec;180(6):2569-76. Epub 2008 Oct 19. ([DOI Direct Link](#))
 - [Development of teaser bulls under field conditions.](#)
*A teaser bull is a term describing a bull whose reproductive system has...*22nd October, 2008
 Center for Veterinary Health Sciences, Oklahoma State University, 1-BVMTH,- Vet Clin North Am Food Anim Pract. 2008 Nov;24(3):443-53. ([DOI Direct Link](#))
 - [\[New aspects of case law on andrological questions : What does this mean for physicians in private practice?\]](#)
*In recent years there have been several Supreme Court adjudications...*16th October, 2008
 Universitätsklinikum Giessen und Marburg, Standort Giessen,- Urologe A. 2008 Oct 16. ([DOI Direct Link](#))

BioNews Results for Vasectomy

- [Breast Cancer & Fish Oil; Lymphedema after Breast Cancer Treatment; Vasectomy & Prostate Cancer Risk](#)
Men's News Daily: Nov 23 2008 5:33AM Matching: vasectomy

- [First At-Home Test for Vasectomized Men Proves to Be Safe, Accurate](#)
Newsweek: Nov 15 2008 1:02PM Matching: vasectomy
- [Vasectomy and the risk of prostate cancer](#)
MDLinx: Nov 15 2008 4:13PM Matching: vasectomy
- [First at-home test for vasectomized men proves to be safe, accurate](#)
Genetic Engineering News: Nov 13 2008 11:07PM Matching: vasectomy
- [Mini-Incision Microsurgical Vasectomy Reversal Using No-Scalpel Vasectomy Principles and Instruments](#)
MDLinx: Oct 28 2008 4:33PM Matching: vasectomy

Vasectomy Clinical Trials:



- [A Randomized Controlled Trial of Three Vasectomy Techniques](#)
The Relative Contraceptive Effectiveness of Three Methods of Occluding the Vas, in the Context of a no-Scalpel Vasectomy Procedure. Intervention: Procedure: Vasectomy occlusion techniques

Vasectomy Patents:



- 7163681- [Anti-integrin antibodies, compositions, methods and uses](#)
- 7214693- [Heterocyclic selective androgen receptor modulators and methods of use thereof](#)
- 7230073- [Sperm specific proteins](#)
- 7237552- [Insertion/deployment catheter system for intrafallopian contraception](#)
- 7238692- [Medical devices employing triazine compounds and compositions thereof](#)
- 7247711- [IL-23p40 specific antibody](#)
- 7250165- [Anti-TNF antibodies, compositions, methods and uses](#)
- 7250308- [Capture assay utilising a particulate analyte](#)
- 7252642- [Semen analysis](#)
- 7252971- [IL-23p40 specific immunoglobulin derived proteins](#)
- 7253210- [Methylene-bridged selective androgen receptor modulators and methods of use thereof](#)
- 7211403- [Assay using porosity-reduction to inhibit migration](#)
- 7211376- [Polypeptide fingerprinting methods](#)
- 7205437- [Selective androgen receptor modulators](#)
- 7163943- [Methods and compositions of novel triazine compounds](#)
- 7166285- [Anti-IL-12 antibodies and compositions](#)
- 7166570- [Medical implants and fibrosis-inducing agents](#)
- 7169784- [Medical devices employing triazine compounds and compositions thereof](#)
- 7169785- [Methods and compositions of novel triazine compounds](#)
- 7173032- [Methods and compositions of novel triazine compounds](#)

- 7187790- [Data processing and feedback method and system](#)
- 7192917- [Antagonists of HMG1 for treating inflammatory conditions](#)
- 7204987- [Biological compositions and methods for treatment of prostate cancer](#)
- 7205120- [Substrates and assays for .beta.-secretase activity](#)
- 7263493- [Delivering electronic versions of supporting documents associated with an insurance claim](#)
- 7265114- [Methods and compositions of novel triazine compounds](#)
- 7338951- [Pyridine compounds](#)
- 7346523- [Processing an insurance claim using electronic versions of supporting documents](#)
- 7371825- [Anti-MCP-1 antibodies, compositions, methods and uses](#)
- 7390626- [Methods and kit for diagnosing tick borne illnesses](#)
- 7398780- [Contraceptive system and method of use](#)
- 7402564- [Synthetic peptide amides](#)
- 7405077- [Sperm protein 17 for the diagnosis and treatment of cancer](#)
- 7405202- [CRISP polypeptides as contraceptives and inhibitors of sperm capacitation](#)
- 7427471- [Modified "S" antibodies](#)
- 7428904- [Contraceptive transcervical fallopian tube occlusion devices and their delivery](#)
- 7335770- [Triazine compounds and their analogs, compositions, and methods](#)
- 7335656- [Medical devices employing triazine compounds and compositions thereof](#)
- 7332490- [Methods and compositions of novel triazine compounds](#)
- 7268134- [Medical devices employing triazine compounds and compositions thereof](#)
- 7279157- [Method for treating psoriasis by administering an anti-il-12 antibody](#)
- 7288390- [Anti-dual integrin antibodies, compositions, methods and uses](#)
- 7288398- [Molecules](#)
- 7291721- [Anti-IL-6 antibodies, compositions, methods and uses](#)
- 7308412- [Computer accessible methods for establishing informed consent](#)
- 7314911- [Prostate hyperplasia therapy](#)
- 7326687- [CNGH0010 specific polynucleotides, polypeptides, antibodies, compositions, methods and uses](#)
- 7332488- [Methods and compositions of novel triazine compounds](#)
- 7332489- [Methods and compositions of novel triazine compounds](#)
- 7456288- [Heterocyclic compounds and methods of making and using thereof](#)

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