

# Oligospermia

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Oligospermia, also known as Oligozoospermia, is a medical symptom of low sperm count affecting men. It is defined as having less than 20 million spermatozoa per ml of ejaculate. Oligospermia has many different causes, as many different medical conditions can reduce sperm concentration. The effects of these causes may be temporary or permanent. ([From the Wikipedia article Oligospermia](#).)

## Recent Publications on Oligospermia:



- [Systematic review on the safety of methotrexate in rheumatoid arthritis regarding the reproductive system \(fertility, pregnancy, and breastfeeding\).](#)  
*OBJECTIVE: To analyze the safety of methotrexate (MTX) in rheumatoid...*13th November, 2009  
Research Unit, Fundacion Espanola de Reumatologia, Madrid, Spain.- Clin Exp Rheumatol. 2009 Jul-Aug;27(4):678-84.
- [The rat spermatogenesis after injection of paclitaxel \(antitumor agent\).](#)  
*Morphological and functional characteristics of spermatogenesis in rats...*11th November, 2009  
Institute of Pharmacology, Tomsk Research Center, Siberian Division of the- Bull Exp Biol Med. 2009 Jun;147(6):715-8.
- [Genetic anomalies in patients with severe oligozoospermia and azoospermia in eastern Turkey: a prospective study.](#)  
*Infertility is defined as the inability to conceive a child after one year...*5th November, 2009  
Ankara Ataturk Education and Training Hospital, Department of Medical- Genet Mol Res. 2009 Aug 4;8(3):915-22. ([DOI Direct Link](#))
- [Gonadal function in young men after the treatment for Hodgkin lymphoma\]](#)  
*INTRODUCTION: The survival rate after the treatment for Hodgkin lymphoma...*16th October, 2009  
Klinika Onkologii i Hemetologii Dzieciecej Uniwersytetu Medycznego w- Pediatr Endocrinol Diabetes Metab. 2009;15(2):85-92.
- [Oxidative stress and sperm mitochondrial DNA mutation in idiopathic oligoasthenozoospermic men.](#)  
*Physiological function of reactive oxygen species (ROS) has been known...*10th October, 2009  
Laboratory for Molecular Reproduction and Genetics, Department of Anatomy,- Indian J Biochem Biophys. 2009 Apr;46(2):172-7.
- [Can heterochromatin polymorphism of chromosome 6 affect fertility?](#)  
*Infertility is defined as the inability to conceive a child after one year...*29th September, 2009  
- Genet Couns. 2009;20(2):203-6.
- [The relationship between seminal plasma zinc levels and high molecular weight zinc binding protein and sperm motility in Iraqi infertile men.](#)  
*OBJECTIVE: To evaluate the relationship between sperm motility and total...*17th September, 2009  
Chemistry and Biochemistry Department, College of Medicine, Al-Nahrain- Saudi Med J. 2009

Apr;30(4):485-9.

- [Prevalence of Y microdeletions in azoospermic and severe oligozoospermic men in Southern Italy: application of a rapid capillary electrophoresis method.](#)  
*Male infertility is correlated with several genetic and non-genetic...*3rd September, 2009  
Department of Biochemistry and Medical Biotechnology, CEINGE Advanced- J Endocrinol Invest. 2009 Mar;32(3):223-7.
- [Epigenetics in spermatogenesis.](#)  
*DNA methylation is a heritable epigenetic modification of cytosine...*7th August, 2009  
Departments of Pediatrics, McGill University, Montreal Children's- Mol Cell Endocrinol. 2009 Jul 10;306(1-2):33-6. Epub 2009 Jan 20. ([DOI Direct Link](#))
- [\[Detection of differentially expressed proteins in the semen of oligospermia patients by SELDI-TOF-MS technology\]](#)  
*OBJECTIVE: To analyze the spectrometric semen protein profiling of...*6th August, 2009  
Department of Laboratory, Taizhou Municipal Hospital, Taizhou, Zhejiang- Zhonghua Nan Ke Xue. 2009 Mar;15(3):232-6.
- [Tissue-specific differentially methylated regions of the human VASA gene are potentially associated with maturation arrest phenotype in the testis.](#)  
*Numerous CpG islands containing tissue-specific differentially methylated...*25th July, 2009  
Department of Integrative Cancer Therapy and Urology, Kanazawa University- J Hum Genet. 2009 Aug;54(8):450-6. Epub 2009 Jul 24. ([DOI Direct Link](#))
- [\[A reproductive function in metallurgists\]](#)  
*The analysis of the results of a complex investigation of a reproductive...*25th July, 2009  
- Urologiia. 2009 Mar-Apr;(2):65-8.
- [Azoospermia and severe oligospermia in testicular cancer.](#)  
*OBJECTIVE of the study is a prospective evaluation of the severe...*8th July, 2009  
Department of Urology, University of Milan, IRCCS Policlinico San Donato,- Arch Ital Urol Androl. 2009 Mar;81(1):21-3.
- [Pregnancies achieved by testicular sperm recovery in male hypogonadotropic hypogonadism with persistent azoospermia.](#)  
*Hypogonadotropic hypogonadism is characterized by oligospermia or...*17th June, 2009  
Ankara Private IVF Centre, Ankara, Turkey.- Reprod Biomed Online. 2009 Apr;18(4):455-9.
- [DNA methylation errors at imprinted loci after assisted conception originate in the parental sperm.](#)  
*There is an increased prevalence of imprinting disorders, such as...*28th May, 2009  
[1] Innovation of New Biomedical Engineering Center, Tohoku University- Eur J Hum Genet. 2009 May 27. ([DOI Direct Link](#))

## Oligospermia Clinical Trials:



- [Genetic Studies Spermatogenic Failure](#)



## Oligospermia Patents:

- 7189693- [Treatment of inflammatory bowel disease using fibroblast growth factor CX polypeptides](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 7232678- [Identification of oligoadenylate synthetase-like genes](#)
- 7238660- [Albumin fusion proteins](#)
- 7238667- [Albumin fusion proteins](#)
- 7253210- [Methylene-bridged selective androgen receptor modulators and methods of use thereof](#)
- 7279553- [PRO1083 polypeptides](#)
- 7285623- [PRO337 polypeptides](#)
- 7294508- [Isolation of inner cell mass for the establishment of human embryonic stem cell \(hESC\) lines](#)
- 7294700- [Anti-PRO846 antibodies](#)
- 7317095- [Mutant glycoproteins](#)
- 7220835- [Secreted and transmembrane polypeptides and nucleic acids encoding the same](#)
- 7214693- [Heterocyclic selective androgen receptor modulators and methods of use thereof](#)
- 7214656- [PRO792 polypeptides](#)
- 7189891- [Isolated ferric reductase defective polypeptides and uses thereof](#)
- 7193050- [Secreted and transmembrane polypeptides and nucleic acids encoding the same](#)
- 7195760- [Anti-pro363 antibodies](#)
- 7196164- [Secreted protein HHTLF25](#)
- 7196165- [PRO363 polypeptides](#)
- 7196176- [Secreted and transmembrane polypeptides and nucleic acids encoding the same](#)
- 7202338- [PRO731 polypeptides](#)
- 7205437- [Selective androgen receptor modulators](#)
- 7208575- [PRO531 polypeptides](#)
- 7208577- [Methods of increasing lean tissue mass using OB protein compositions](#)
- 7368480- [Methods and compositions with trans-clomiphene](#)
- 7368527- [HADDE71 polypeptides](#)
- 7488795- [PRO846 polypeptides](#)
- 7507413- [Albumin fusion proteins](#)
- 7518013- [Selective androgen receptor modulators](#)
- 7521424- [Albumin fusion proteins](#)
- 7551957- [Electromagnetic therapy device and methods](#)
- 7553674- [Methods of identifying compounds useful for modulating intraflagellar transport](#)
- 7557087- [Compositions and methods for treating diseases](#)
- 7569237- [Composition for enhancing male fertility](#)
- 7592010- [Albumin fusion proteins](#)
- 7595402- [Prodrugs of selective androgen receptor modulators and methods of use thereof](#)
- 7482013- [Albumin fusion proteins](#)
- 7479540- [Adipomodulin and related molecules and methods](#)
- 7470662- [Method of reducing the likelihood of implantation failure during an assisted reproduction in a female subject in a need thereof](#)
- 7368531- [Human secreted proteins](#)
- 7371415- [Method and composition for improving sexual fitness](#)
- 7371836- [PRO526 nucleic acids](#)
- 7381800- [Antibodies to HBIMF63 polypeptide](#)

- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7442782- [Intron associated with myotonic dystrophy type 2 and methods of use](#)
- 7449466- [Cyclic aminophenyl sulfamate derivative](#)
- 7452916- [Enhancement of vascular function by modulation of endogenous nitric oxide production or activity](#)
- 7459531- [50 Human secreted proteins](#)
- 7462601- [Ameliorant for chemical treatment of cancer](#)
- 7615531- [Methods of reducing the likelihood of spontaneous abortion](#)

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