

Hematocele

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A hematocele is a collection of blood around the testicle. Hematoceles are often more painful than a hydrocele. Category: pelvis Hematocolpos Hematocolpos is a medical condition in which the vagina fills with menstrual blood. It is often caused by the combination of menstruation with an imperforate hymen. Category: Gynecologyes: Hematocolpos Hematocrit The hematocrit or packed cell volume are measures of the proportion of blood volume that is occupied by red blood cells. It is normally 45 \hat{A} , $\hat{A}\pm 7$ for males and 42 \hat{A} , $\hat{A}\pm 5$ for females. The packed cell volume can be determined by centrifuging. Heparinized blood in a capillary tube is typically centrifuged at 10,000 RPM for five minutes. [<http://www.surgeryencyclopedia.com/Fi-La/Hematocrit.html>] This separates the blood into layers. The volume of packed red blood cells, divided by the total volume of the blood sample gives the PCV. Because a tube is used this can be calculated by measuring the lengths of the layers. With modern lab equipment the hematocrit is calculated by an automated analyzer and not directly measured. It is determined by multiplying the red cell count by the mean cell volume. The hematocrit is slightly more accurate as the PCV includes small amounts of blood plasma trapped between the red cells. An estimated hematocrit as a percentage may be derived by multiplying the hemoglobin concentration in g/dL times three and dropping the units. [<http://www.thedoctorslounge.net/hematology/labs/hematocrit.htm>]. The hemoglobin level is the measure used by blood banks. The hematocrit is considered an integral part of a person's complete blood count or CBC results along with the hemoglobin concentration, white blood cell count, and platelet count. There have been cases where the blood for testing was inadvertently drawn from the same arm with the intravenous line running in a transfusion of packed red cells. In this sample, the hemoglobin measurement will be high because it is measuring the fluid being transfused rather than the diluted serum. In this case, the hematocrit measurement will be artificially very high. Conversely, if blood for hematology testing is drawn from a site proximal to that of an intravenous line infusing fluids into a patient, the blood sample will be diluted by those fluids and the hematocrit will be artificially low. If a patient is dehydrated, the hematocrit may be elevated. Repeat testing after adequate hydration therapy will usually result in a more reliable result. In mammals, hematocrit is independent of body size. ([From the Wikipedia article Hematocele](#).)

Recent Publications on Hematocele:



- [\[Relationship between expression of angiopoietin-2 and retinal vascular development in hyperoxic rats\]](#)
OBJECTIVE: To date, studies on the roles of angiopoietin-2 (ang-2) during... 4th July, 2009
Department of Neonatology, Women and Children Health Care and Medical- Zhonghua Er Ke Za Zhi. 2009 Mar;47(3):204-8.
- [\[Ruptured intramural intestinal hematoma in an adolescent patient with severe hemophilia A.\]](#)
We report on a 17-year-old patient with severe hemophilia A without... 18th June, 2009
Department of Hematology/Oncology, University Children's Hospital,- Int J Hematol. 2009 Mar;89(2):201-3. Epub 2009 Jan 10. ([DOI Direct Link](#))

- [A comparative study of thin-layer cross-sectional anatomic morphology and CT images of the basal cistern and its application in acute craniocerebral traumas.](#)
*AIM: To compare the cross-sectional morphologic features of successive...*9th May, 2009
Department of Anatomy, College of Medicine, Third Military Medical- Surg Radiol Anat. 2009 Feb;31(2):129-38. Epub 2008 Oct 22. ([DOI Direct Link](#))
- [Report of 4 cases of testicular rupture in adolescent boys secondary to sports-related trauma.](#)
*Testicular rupture is a rare entity in children and adolescents. This is...*27th March, 2009
Pediatric Emergency Medicine Fellowship, Al duPont Hospital for Children,- *Pediatr Emerg Care.* 2008 Dec;24(12):847-8. ([DOI Direct Link](#))
- [\[Chronic hematocele simulating a testicular tumor. Report of two cases\]](#)
*OBJECTIVE: Differential diagnosis of a testicular mass includes...*4th October, 2008
Servicio de Anatomia Patologica, Hospital Infanta Elena, Huelva, Espana.- *Arch Esp Urol.* 2008 May;61(4):537-40.
- [Testicular trauma resulting in shock and systemic inflammatory response syndrome: a case report.](#)
*ABSTRACT: INTRODUCTION: Acute painful scrotum in children may be...*26th June, 2008
University of Kansas, Department of Pediatrics, Kansas City, Kansas, USA.- *Cases J.* 2008 May 12;1(1):4. ([DOI Direct Link](#))
- [Torsion of an intrahydrocele sac in a child: A case report.](#)
*ABSTRACT: We report the case of a 3-yr-old boy who presented an acute...*26th June, 2008
First Department of General Surgery, Piraeus General Hospital "Tzaneio",- *Cases J.* 2008 Jun 16;1(1):18. ([DOI Direct Link](#))
- [Accuracy of ultrasonography in diagnosis of testicular rupture after blunt scrotal trauma.](#)
*OBJECTIVES: The aim of this study is to determine the accuracy of...*22nd February, 2008
Department of Urology, University Hospital of Besancon, Besancon, France.- *Urology.* 2008 Jan;71(1):52-6. ([DOI Direct Link](#))
- [\[Reconstruction with pectoralis major myocutaneous flap for surgical defect in advanced head and neck cancer patients\]](#)
*BACKGROUND & OBJECTIVE: Total or partial defects after one-stage...*11th January, 2008
State Key Laboratory of Oncology in South China, Guangzhou, Guangdong, PR- *Ai Zheng.* 2008 Jan;27(1):58-61.
- [Adenocarcinoma of the rete testis with uncommon presentation as haematocele.](#)
*Adenocarcinoma of the rete testis was encountered in a 62-year-old man....*8th January, 2008
Department of Surgery, Mahatma Gandhi Institute of Medical Sciences,- *Singapore Med J.* 2007 Dec;48(12):e311-3.
- [Immature teratoma with choriocarcinoma-like lesion of testis: case report of an unusual presentation.](#)
*An eighteen year old male presented with hemoptysis and superior vena...*25th October, 2007
Department of Pathology, N. R. S. Medical College, Kolkata.- *Indian J Pathol Microbiol.* 2007 Apr;50(2):394-6.
- [Rational approach to diagnosis and management of blunt scrotal trauma.](#)
*OBJECTIVES: To provide a rational approach to the diagnosis and management...*4th October, 2007
Department of Radiology, Royal Melbourne Hospital, Parkville, Victoria,- *Urology.* 2007 Aug;70(2):230-4. ([DOI Direct Link](#))
- [\[Chronic calcified hematocele. Case report\]](#)
*OBJECTIVE: Chronic hematoceles are rare scrotal masses. Most of them...*22nd August, 2007
Servicio de Radiodiagnostico, Hospital General Universitario de Elche,- *Arch Esp Urol.* 2007 Apr;60(3):303-6.
- [\[Analysis and management of postoperative complication from the donor of living liver transplantation\]](#)
*OBJECTIVE: To explore the postoperative complications and managements in...*28th June, 2007
Center of Liver Transplantation, West China Hospital, Sichuan University,- *Sichuan Da Xue Xue Bao Yi Xue Ban.* 2007 Jun;38(3):539-42.
- [US of acute scrotal trauma: optimal technique, imaging findings, and management.](#)
*The primary causes of scrotal trauma are blunt, penetrating, degloving,...*20th April, 2007
Department of Imaging, W.G. "Bill" Hefner V.A. Medical Center, Salisbury,- *Radiographics.* 2007



Hematocele Patents:

- 7592010- [Albumin fusion proteins](#)
- 7026447- [53 human secreted proteins](#)
- 6994857- [Albumin fusion proteins](#)
- 6951924- [Antibodies against secreted protein HTEBYII](#)
- 6946134- [Albumin fusion proteins](#)
- 6926898- [Albumin fusion proteins](#)
- 6919433- [Antibodies to protein HPMBQ91](#)
- 6905688- [Albumin fusion proteins](#)
- 6878806- [Human secreted protein HTEEB42](#)
- 6852743- [Preventives for the recurrence of cerebrovascular failure and agents for ameliorating troubles following cerebrovascular failure and inhibiting progress thereof](#)
- 6770466- [Human protein tyrosine phosphatase polynucleotides, polypeptides, and antibodies](#)
- 6753164- [Nucleic acids encoding human serpin polypeptide HMCIS41](#)
- 6693077- [Keratinocyte growth factor-2](#)
- 6503541- [Method for preparation of plant extract powder oral compositions containing plant extract powder prepared by the same](#)
- 6241975- [Method for preparation of plant extract powder](#)
- 4468398- [Method for treatment of rheumatoid arthritis](#)
- 4293568- [Method for treatment of human eye disease](#)
- 4292327- [Method for treatment of human eye disease](#)
- 7091315- [Protein HDPBQ71](#)
- 7141547- [Albumin fusion proteins comprising GLP-1 polypeptides](#)
- 7163797- [50 human secreted proteins](#)
- 7569384- [Albumin fusion proteins](#)
- 7521424- [Albumin fusion proteins](#)
- 7507414- [Albumin fusion proteins](#)
- 7507413- [Albumin fusion proteins](#)
- 7482013- [Albumin fusion proteins](#)
- 7459531- [50 Human secreted proteins](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7407789- [Recombinant staphylokinase derivatives and the preparation and applications thereof](#)
- 7381800- [Antibodies to HBIMF63 polypeptide](#)
- 7368531- [Human secreted proteins](#)
- 7368527- [HADDE71 polypeptides](#)
- 7295006- [Method for measuring nuclear magnetic resonance longitudinal axis relaxation time of blood and apparatus using the same](#)
- 7238667- [Albumin fusion proteins](#)
- 7238660- [Albumin fusion proteins](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 7196164- [Secreted protein HHTLF25](#)

- 7189690- [Albumin fusion proteins](#)
- 4220657- [Method for treatment of human eye disease](#)

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