

Asepsis

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Asepsis is the practice to reduce or eliminate contaminants from entering the operative field in surgery or medicine to prevent infection. Ideally, a field is "sterile" – free of contaminants – a situation that is difficult to attain. However, the goal is elimination of infection, not sterility. ([From the Wikipedia article Asepsis](#).)

Recent Publications on Asepsis:



- [Sterile trauma to normal human dermis invariably induces IL1beta, IL6 and IL8 in an innate response to "danger".](#)
Microdialysis allows the study of the local production and temporal... 13th November, 2009
Department of Clinical and Experimental Medicine, Division of- Acta Derm Venereol. 2009;89(5):459-65. ([DOI Direct Link](#))
- [\[Diagnosis and treatment of femoral neck fractures from the beginning to operative treatment: a historical overview\]](#)
Operative stabilisation of femoral neck fractures is a routine procedure... 6th November, 2009
Abteilung Unfallchirurgie, Klinikum rechts der Isar der Technischen- Z Gerontol Geriatr. 2009 Aug;42(4):311-6. Epub 2009 Jun 26. ([DOI Direct Link](#))
- [\[The paradigm of prophylactic antibiotic therapy in orthopedic surgery\]](#)
OBJECTIVE: Show that the infection rate in scheduled orthopedic surgery is... 3rd November, 2009
Medicos adscritos Servicio de Ortopedia, Hospital General de Zona 29 IMSS.- Acta Ortop Mex. 2009 May-Jun;23(3):137-41.
- [A survey of pediatric caudal extradural anesthesia practice.](#)
BACKGROUND: Caudal extradural blockade is one of the most commonly... 31st October, 2009
Nuffield Department of Anesthetics, University of Oxford, John Radcliffe- Paediatr Anaesth. 2009 Sep;19(9):829-36. ([DOI Direct Link](#))
- [\[Use of plastic adhesive drapes during surgery may increase the risk of surgical site infections. A survey of a Cochrane review\]](#)
In theory, the products act as a barrier, which hinders the spreading of... 21st October, 2009
Arhus Universitetshospital,- Ugeskr Laeger. 2009 Oct 5;171(41):2989-91.
- [Hepatitis C virus transmission in hemodialysis units: importance of infection control practices and aseptic technique.](#)
We investigated 4 hepatitis C virus (HCV) infection outbreaks at... 17th October, 2009
National Center for HIV/AIDS, Viral Hepatitis, STD and TB Prevention,- Infect Control Hosp Epidemiol. 2009 Sep;30(9):900-3. ([DOI Direct Link](#))
- [\[A new radiopharmaceutical for osteoarthral cartilage imaging: preparation and animals experiment of ^{99m}Tc-CS\]](#)

*The objective of this research work is to prepare a new and reliable...*10th October, 2009
Department of Nuclear Medicine, West China Hospital of Sichuan University,- Sheng Wu Yi Xue Gong
Cheng Xue Za Zhi. 2009 Aug;26(4):799-802.

- [Using objective structured assessment of technical skills to evaluate a basic skills simulation curriculum for first-year surgical residents.](#)
*BACKGROUND: In response to new Accreditation Council for Graduate Medical...*30th September, 2009
Department of Surgery, University of Minnesota, 420 Delaware Street SE,- J Am Coll Surg. 2009 Sep;209(3):364-370.e2. Epub 2009 Jul 9. ([DOI Direct Link](#))
- [A systematic review and meta-analysis of the risk of microbial contamination of aseptically prepared doses in different environments.](#)
*PURPOSE: To review microbial contamination rates about preparation of...*25th September, 2009
Pharmacy Department, Southampton University Hospitals NHS Trust,- J Pharm Pharm Sci. 2009;12(2):233-42.
- [Preventing healthcare-associated infection: risks, healthcare systems and behaviour.](#)
*More than 177 000 potentially preventable healthcare-associated infections...*23rd September, 2009
Division of Medicine, John Hunter Hospital, Newcastle, New South Wales,- Intern Med J. 2009 Sep;39(9):574-81. ([DOI Direct Link](#))
- [Aseptic non-touch technique.](#)
*The operation described by Halsted, in 1894 and called radical mastectomy,...*12th September, 2009
Royal Children's Hospital, Children's Cancer Centre.- Aust Nurs J. 2009 Jun;16(11):51.
- [\[Postoperative complications in vascular surgery\]](#)
*The increase in numbers of vascular operations is due to a worldwide...*21st August, 2009
Klinik und Poliklinik für Gefäßmedizin, Universitäres Herzzentrum Hamburg- Chirurg. 2009 Sep;80(9):814-26. ([DOI Direct Link](#))
- [Bacterial contamination of pediatric whole blood transfusions in a Kenyan hospital.](#)
*BACKGROUND: Hospitalized children in sub-Saharan Africa frequently receive...*18th August, 2009
From the Centre for Geographic Medicine Research (Coast), Kenya Medical- Transfusion. 2009 Aug 4. ([DOI Direct Link](#))
- [\[Phototherapy \(LEDs 660/890nm\) in the treatment of leg ulcers in diabetic patients: case study\]](#)
*This study evaluated the use of phototherapy in the healing of mixed leg...*12th August, 2009
Fisioterapeuta, Doutora em Biotecnologia pela Universidade Federal do- An Bras Dermatol. 2009 Jul;84(3):279-83.
- [History of mastectomy before and after Halsted.](#)
*The operation described by Halsted, in 1894 and called radical mastectomy,...*25th July, 2009
Department of General Surgery, Hotel-Dieu de France, University Hospital,- J Med Liban. 2009 Apr-Jun;57(2):65-71.

Asepsis Patents:



- 6919043- [Method of sterilization for container, apparatus using therefor and heat treatment for container](#)
- 7021936- [Integral gutta percha core/cone obturation technique](#)
- 7056300- [Needleless syringe for injecting a liquid contained in a prefilled ampule](#)

- 7056305- [Intragastric balloon assembly](#)
- 7070551- [Device for producing a packaging material](#)
- 7074774- [Use of N-acetyl-D-glucosamine in the manufacture of pharmaceutical useful for treating cardio-cerebrovascular anoxemia](#)
- 7091336- [Lyophilized powder of lentinan and the process of preparation thereof](#)
- 7097455- [Integral gutta percha technique](#)
- 7135459- [Methods of use of FGF homologs](#)
- 7147873- [Antiseptic compositions and methods](#)
- 7156267- [Valve unit for filling machines](#)
- 7019650- [Interrogator and interrogation system employing the same](#)
- 7017604- [Thermally insulating interfaces](#)
- 7011797- [Apparatus for thawing frozen biological fluids utilizing heating plates and oscillatory motion to enhance heat transfer by mixing](#)
- 6939936- [Iodine/iodide-containing hot melt coatable adhesive, methods and uses therefor](#)
- 6942645- [Needleless syringe with two injection speed levels](#)
- 6949525- [Use of a mixture of sodium hyaluronate and chondroitin sulfate for the treatment of osteoarthritis](#)
- 6955669- [Transfer set in particular for delivering a mixture of liquids for medical purposes](#)
- 6960198- [Tube and syringe holding device for blood collection and for producing vacuum into the tube](#)
- 6979308- [Bioreactor design and process for engineering tissue from cells](#)
- 6979310- [Needleless syringe with membrane isolating a multiple duct injector](#)
- 6984360- [Method and device for sterilizing hollow bodies](#)
- 6991532- [Method and apparatus for decontamination for automotive HVAC systems](#)
- 6991736- [Structure and process for continuously treating dental unit water](#)
- 7156822- [Needleless syringe with membrane isolating a multiple duct injector](#)
- 7161677- [Condensation sensor and method of controlling condensate film in sealed space with condensation sensor](#)
- 7384783- [Stirred-tank reactor system](#)
- 7404808- [Needleless syringe comprising an optimized injector-receptacle](#)
- 7422432- [System and method for remotely controlling devices](#)
- 7441660- [Packaging and display box for an osteosynthesis assembly, protective set and display case comprising same](#)
- 7445612- [Safety injection device for a liquid or semi-solid composition](#)
- 7485303- [Pharmaceutical composition of F\(ab'\)₂ antibody fragments](#)
- 7513885- [Needleless syringe with membrane isolating a multiple duct injector](#)
- 7557711- [Interrogator and interrogation system employing the same](#)
- 7563769- [FGF variants and methods for use thereof](#)
- 7566564- [Signal amplification using a synthetic zymogen](#)
- 7323163- [Film-forming compositions and methods](#)
- 7322969- [Liquid-medicine injection port device, and liquid-medicine container provided with the same](#)
- 7294673- [Method of modifying polymeric material and use thereof](#)
- 7169547- [High concentration white blood cells as a therapeutic product](#)
- 7186323- [Electrolyzed water production system](#)
- 7189677- [Rice seed coated with an agriculture chemical](#)
- 7189793- [Iodine/iodide-containing hot melt coatable adhesive, methods and uses therefor](#)
- 7192734- [Method of testing for the presence of microorganisms in a gaseous environment comprising hydrogen peroxide](#)
- 7200432- [Device for enhanced delivery of biologically active substances and compounds in an organism](#)
- 7207970- [Displaceable-plug-containing filling/discharging port and medical container having the same](#)
- 7217127- [Switching device for irrigation fluids in a dental handpiece](#)
- 7229627- [Apparatuses and methods for the production of haematophagous organisms and parasites suitable for vaccine production](#)

- 7261702- [Needleless syringe operating with an impact wave generator through a wall](#)
- 7572632- [Dry powder cells and cell culture reagents and methods of production thereof](#)

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