

## Nose

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s have prehensile noses have very sensitive noses Anatomically, a nose is a protuberance in vertebrates that houses the nostrils, or nares, which admit and expel air for respiration in conjunction with the mouth. In most humans, it also houses the nosehairs, which catch airborne particles and prevent them from reaching the lungs. Within and behind the nose is the olfactory mucosa and the sinuses. Behind the nasal cavity, air next passes through the pharynx, shared with the digestive system, and then into the rest of the respiratory system. In humans, the nose is located centrally on the face; on most other mammals, it is on the upper tip of the snout. As an interface between the body and the external world, the nose and associated structures frequently perform additional functions concerned with conditioning entering air. In most mammals, the nose is the primary organ for smelling. As the animal sniffs, the air flows through the nose and over structures called turbinates in the nasal cavity. The turbulence caused by this disruption slows the air and directs it toward the olfactory epithelium. At the surface of the olfactory epithelium, odor molecules carried by the air contact olfactory receptor neurons which transduce the features of the molecule into non painful electrical impulses in the brain. In cetaceans, the nose has been reduced to the nostrils, which have migrated to the top of the head, producing a more streamlined body shape and the ability to breathe while mostly submerged. Conversely, the elephant's nose has become elaborated into a long, muscular, manipulative organ called the trunk. ([From the Wikipedia article Nose](#).)

### Recent Publications on Nose:



- [A BETTER PICTURE OF CLEARANCE IN THE NOSE.](#)  
*N/A for editorial Key words: mucociliary clearance....*21st November, 2009  
University of Pittsburgh.- J Appl Physiol. 2009 Nov 19. ([DOI Direct Link](#))
- [A pilot study: Microlesion effects and tremor outcome in the ventrointermediate deep brain stimulation \(VIM-DBS\).](#)  
*OBJECTIVES: To perform a pilot study to investigate the relationship...*21st November, 2009  
Parkinson's Disease Center and Movement Disorders Clinic, Department of- Clin Neurol Neurosurg. 2009 Nov 17. ([DOI Direct Link](#))
- [Health risk assessment of heavy metal exposure to street dust in the zinc smelting district, Northeast of China.](#)  
*Heavy metal contamination in the street dust due to metal smelting in the...*21st November, 2009  
Northeast Institute of Geography and Agricultural Ecology, Chinese Academy- Sci Total Environ. 2009 Nov 17. ([DOI Direct Link](#))
- [Management of the Aging Nose.](#)  
*As a growing segment of our population, mature patients seeking...*20th November, 2009  
Department of Otolaryngology, University of Rochester, Rochester, New- Facial Plast Surg. 2009 Nov;25(4):215-221. Epub 2009 Nov 18. ([DOI Direct Link](#))

- [Prediction of nasal morphology from the skull.](#)  
*The objective of this study was to compose a reliable and readily...*20th November, 2009  
Centre for Anatomy and Human Identification, College of Life Sciences,- Forensic Sci Med Pathol. 2009 Nov 19. ([DOI Direct Link](#))
- [Can T-Cell Deficiency Affect Spatial Learning Ability following Toluene Exposure?](#)  
*Objective: The present study was designed to investigate the possible role...*20th November, 2009  
Research Center for Environmental Risk, National Institute for- Neuroimmunomodulation. 2009 Nov 17;17(2):132-134. ([DOI Direct Link](#))
- [Identifying Chronic Obstructive Pulmonary Disease and Asthma by Exhaled Breath Analysis: Does the \(e\)Nose Know?](#)  
*Objective: The present study was designed to investigate the possible role...*20th November, 2009  
- Am J Respir Crit Care Med. 2009 Dec 1;180(11):1038-1039. ([DOI Direct Link](#))
- [A combination of heat treatment and Pichia guilliermondii prevents cherry tomato spoilage by fungi.](#)  
*This study investigated the effectiveness of heat treatment and Pichia...*20th November, 2009  
College of Food Science and Technology, Nanjing Agricultural University,- Int J Food Microbiol. 2009 Nov 5. ([DOI Direct Link](#))
- [\[Saddle nose deformity.\]](#)  
*This study investigated the effectiveness of heat treatment and Pichia...*20th November, 2009  
Servicio de Dermatologia, Hospital Universitario Virgen del Rocio,- Med Clin (Barc). 2009 Nov 16. ([DOI Direct Link](#))
- [MOR23 Promotes Muscle Regeneration and Regulates Cell Adhesion and Migration.](#)  
*Odorant receptors (ORs) in the olfactory epithelium bind to volatile small...*20th November, 2009  
Graduate Program in Biochemistry, Cell and Developmental Biology, Emory- Dev Cell. 2009 Nov 17;17(5):649-661. ([DOI Direct Link](#))
- [Toxicological responses in SW mice exposed to inhaled pyrolysates of polymer/tobacco mixtures and blended tobacco.](#)  
*Modern cigarette manufacturing is highly automated and produces millions...*20th November, 2009  
Altria Client Services (formerly PM USA), Product Integrity, Richmond,- Inhal Toxicol. 2009 Dec;21(14):1186-1199. ([DOI Direct Link](#))
- [Exposure to poultry dust and health effects in poultry workers: impact of mould and mite allergens.](#)  
*PURPOSE: The aim of the study was to evaluate exposure to moulds and house...*19th November, 2009  
Institute for Medical Research and Occupational Health, Ksaverska cesta 2,- Int Arch Occup Environ Health. 2009 Nov 17. ([DOI Direct Link](#))
- [A New Device to Estimate V O2 during Incline Walking by Accelerometry and Barometry.](#)  
*PURPOSE:: To examine whether the biased estimation of oxygen consumption...*19th November, 2009  
1Department of Sports Medical Sciences, Shinshu University Graduate School- Med Sci Sports Exerc. 2009 Dec;41(12):2213-2219. ([DOI Direct Link](#))
- [Evaluation of Wine Aromatic Compounds by a Sensory Human Panel and an Electronic Nose.](#)  
*A comparative study between the perception and recognition thresholds of...*19th November, 2009  
Departamento de Agroalimentacion, IMIDRA, Finca El Encin, A-2 Km. 38 2,- J Agric Food Chem. 2009 Nov 18. ([DOI Direct Link](#))
- [Erb's point - do ear, nose and throat surgeons know where it is?](#)  
*A comparative study between the perception and recognition thresholds of...*18th November, 2009  
Department of ENT Surgery, St Michael's Hospital, University Hospitals- Clin Anat. 2009 Nov 13. ([DOI Direct Link](#))

## BioNews Results for Nose

- [Plastic Surgery All the Rage Among College Students](#)

- Digital Chosun: Nov 20 2009 11:46PM Matching: nose*
- [Flu vaccination clinics planned for this week](#)  
*Chadron Record: Nov 20 2009 11:14PM Matching: nose*
  - [Geisinger reports decrease in swine flu cases this week](#)  
*Pocono Record: Nov 20 2009 7:19PM Matching: nose*
  - [Research: Why bird flu has not caused a pandemic](#)  
*WorldPoultry.net: Nov 20 2009 4:20PM Matching: nose*
  - [New research helps explain why bird flu has not caused a pandemic](#)  
*Innovations Report: Nov 20 2009 2:32PM Matching: nose*
  - [New research helps explain why bird flu has not caused a pandemic](#)  
*Media Newswire: Nov 20 2009 1:02PM Matching: nose*
  - [Exhaled breath profiling can distinguish asthma from COPD](#)  
*MedWire News: Nov 20 2009 1:58AM Matching: nose*
  - [Lie or Legit: Onions Ward Off Swine Flu](#)  
*WHP CBS21: Nov 19 2009 12:07AM Matching: nose*
  - [New Research Helps Explain Why Bird Flu Has Not Caused A Pandemic](#)  
*Red Orbit: Nov 19 2009 10:47PM Matching: nose*
  - [Surviving the Holidays: 10 Tips for Staying Healthy](#)  
*Newswise: Nov 19 2009 10:08PM Matching: nose*
  - [2nd swine flu death reported in Manitoba](#)  
*CBC: Nov 19 2009 9:15PM Matching: nose*
  - [Why bird flu has not caused a pandemic](#)  
*Science Daily: Nov 19 2009 7:24PM Matching: nose*
  - [Why avian flu virus has not caused a pandemic?](#)  
*News-Medical.Net: Nov 19 2009 2:07PM Matching: nose*
  - [US Senators target plastic surgery in health overhaul](#)  
*France24: Nov 19 2009 4:28AM Matching: nose*
  - [New face gives cancer patient second chance at life](#)  
*Gazette.net: Nov 19 2009 3:04AM Matching: nose*

## Nose Patents:



- 7617782- [Seed and fertilizer placement apparatus having double shoot seed boot](#)
- 7618372- [Laser guided eye measuring device and method for using](#)
- 7618376- [Device for assessing perfusion failure in a patient by measurement of blood flow](#)
- 7618380- [Method of preventing nerve damage positional injury during surgery](#)
- 7618394- [Needleless syringe using supersonic gas flow for particle delivery](#)
- 7618437- [Endoscope retrieval instrument assembly](#)
- 7618615- [Methods for providing neuroprotection for the animal central nervous system against neurodegeneration caused by ischemia](#)
- 7618629- [Manipulation of cytokine levels using CD83 gene products](#)
- 7618640- [Method and composition for reducing E. coli disease and enhancing performance](#)
- 7618641- [Functionally reconstituted viral membranes containing adjuvant](#)
- 7618649- [Extended release oral dosage composition](#)

- 7618329- [Interchangeable golf club heads with shared shaft](#)
- 7618232- [Compressor comprising a plurality of cells reconstituting an annular volume of separation of flows in a turbine engine](#)
- 7618144- [System and method for tracking eye movement](#)
- 7617800- [Animal restraining apparatus and protective device](#)
- 7617821- [Acoustic respiratory therapy apparatus](#)
- 7617824- [Ventilator adaptable for use with either a dual-limb circuit or a single-limb circuit](#)
- 7617826- [Conserver](#)
- 7617878- [Method and apparatus to complete a well having tubing inserted through a valve](#)
- 7617945- [Pull tab](#)
- 7617976- [Shopping receptacle for receiving interactive product items](#)
- 7617997- [Electrostatic coating system](#)
- 7618005- [Stealth bomber, transporter, air-to-air fueling tanker, and space plane](#)
- 7618071- [Integral restraint system and method of manufacture for plastic pipe](#)
- 7618775- [Expanding the eukaryotic genetic code](#)
- 7618940- [Fat regulation](#)
- 7620083- [Semiconductor laser drive system and semiconductor laser driving method](#)
- 7620147- [Orthovoltage radiotherapy](#)
- 7620202- [Target orientation estimation using depth sensing](#)
- 7620214- [Human eye detection method, apparatus, system and storage medium](#)
- 7620217- [Three-dimensional face recognition system and method](#)
- 7620242- [Particular-region detection method and apparatus, and program therefor](#)
- 7620249- [Analysis of patterns](#)
- 7620374- [System and method of transmitting data from an aircraft](#)
- 7620474- [Method for manufacturing a tyre](#)
- 7620476- [Autonomous surface cleaning robot for dry cleaning](#)
- 7619754- [Curved sensor array apparatus and methods](#)
- 7619648- [User assisted customization of automated video surveillance systems](#)
- 7619638- [Custom composite image system and method](#)
- 7618979- [Pyridopyrrolizine and pyridoindolizine derivatives](#)
- 7618988- [Use of substituted aminomethyl chromans](#)
- 7618994- [Fluoro substituted cycloalkanoindoles, compositions containing such compounds and methods of treatment](#)
- 7619005- [Methods for treating cognitive impairment in humans with Multiple Sclerosis](#)
- 7619009- [Systems and methods for controlling and forming polymer gels](#)
- 7619079- [Db, the receptor for leptin, nucleic acids encoding the receptor, and uses thereof](#)
- 7619110- [Amino acid derived prodrugs of propofol, compositions, uses and crystalline forms thereof](#)
- 7619115- [Ortho-substituted N'-benzylidene-\(3-hydroxyphenyl\)acetylhydrazides](#)
- 7619225- [Multifunction electron microscope specimen holder](#)
- 7619487- [Polar modulation without analog filtering](#)
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