

Consciousness

[View the current Consciousness InDepth page on BioPortfolio.com \(PDF\)](#)

(<http://www.bioportfolio.com/indepth/Consciousness.html>) - Regularly Updated.

Consciousness is regarded to comprise qualities such as subjectivity, self-awareness, sentience, sapience, and the ability to perceive the relationship between oneself and one's environment. It is a subject of much research in philosophy of mind, psychology, neuroscience, and cognitive science. Some philosophers divide consciousness into phenomenal consciousness, which is subjective experience itself, and access consciousness, which refers to the universal availability of information to processing systems in the brain. Phenomenal consciousness is a state with qualia. Phenomenal consciousness is being something and access consciousness is being conscious of something. An understanding of necessary preconditions for consciousness in the human brain may allow us to address important ethical questions. For instance, how is the presence of consciousness to be assessed in severely ill or disabled individuals? To what extent are non-human animals conscious? At what point in fetal development does consciousness begin? Can machines achieve conscious states? Are today's autonomous and intelligent machines already conscious? These issues are of great interest to those concerned with the ethical treatment of other beings, be they animals, fetuses, or machines. In common parlance, consciousness denotes being awake and responsive to one's environment; this contrasts with being asleep or being in a coma. ([From the Wikipedia article Consciousness](#).)

Recent Publications on Consciousness:



- [Locked-in syndrome: A rare manifestation of pediatric stroke.](#)
Locked-in syndrome is characterized by upper motor neuron quadriplegia... 13th November, 2009
Department of Pediatric, Maulana Azad Medical College and Associated Lok- Indian J Pediatr. 2009 Oct;76(10):1053-5. Epub 2009 Nov 12. ([DOI Direct Link](#))
- [\[The sampling survey of denture restoration situation and its influence factors of the elders in Shanghai.\]](#)
PURPOSE: The prosthetic status and associated factors of the elders in... 13th November, 2009
Department of Prosthodontics, Shanghai Stomatological Disease Center.- Shanghai Kou Qiang Yi Xue. 2009 Oct;18(5):467-71.
- [Factors influencing self-rated health in traffic-related mild traumatic brain injury.](#)
OBJECTIVE: To report self-rated health and factors influencing health... 13th November, 2009
Department of Community Health Sciences, University of Calgary, Calgary,- J Rehabil Med. 2009 Nov;41(13):1062-7. ([DOI Direct Link](#))
- [Delayed and prolonged coma after acute disulfiram overdose.](#)
We report the case of a 35-year-old man presenting with a delayed and... 12th November, 2009
Dienst Intensieve Zorg, Sint-Augustinus, Wilrijk, Belgium.- Acta Neurol Belg. 2009 Sep;109(3):231-4.
- [\[Psychopathology and personality in patients with vasovagal syncope\]](#)
Syncope is characterized by a sudden and brief Loss of the normal state of... 12th November, 2009
Psicologa Clinica y Psicoterapeuta del Instituto Nacional de Cardiologia- Arch Cardiol Mex. 2009

Jul-Sep;79(3):207-11.

- [Yoga Practice in Diabetes Improves Physical and Psychological Outcomes.](#)
*Background: The aim of this study was to examine the effect of yoga...*11th November, 2009
Yoga and Diabetes Group, Institute of Yoga and Consciousness,- Metab Syndr Relat Disord. 2009 Nov 9. ([DOI Direct Link](#))
- [Urine toxicology screening in Austrian trauma patients: a prospective study.](#)
*INTRODUCTION: The question as to whether the patient consumed drugs prior...*10th November, 2009
Ludwig Boltzmann Institute for Experimental and Clinical Traumatology,- Arch Orthop Trauma Surg. 2009 Nov 7. ([DOI Direct Link](#))
- [The Temporal Interplay between Conscious and Unconscious Perceptual Streams.](#)
*An optimal correspondence of temporal information between the physical...*10th November, 2009
Universite de Toulouse, UPS, Centre de Recherche Cerveau et Cognition,- Curr Biol. 2009 Nov 4. ([DOI Direct Link](#))
- [\[Amantadine sulfate \(PK-Merz\) in the treatment of ischemic stroke: a clinical-experimental study\]](#)
*A rat model of big brain ischemia with the middle brain artery occlusion...*7th November, 2009
- Zh Nevrol Psikhiatr Im S S Korsakova. 2009;109(5 Suppl 2):37-43.
- [Translation as a Psycholinguistic Phenomenon.](#)
*The article sketches the outlines of a theoretical framework for the...*7th November, 2009
Applied Linguistics, Lessya Ukrainka Volyn National University, 13 Voli- J Psycholinguist Res. 2009 Nov 6. ([DOI Direct Link](#))
- [\[Use of insulin glargine in type 1 diabetes children with less than eight years old\]](#)
*OBJECTIVES: To evaluate prospectively the efficacy and safety of insulin...*7th November, 2009
Grupo Hospitalar Conceicao, Instituto da Crianca com Diabetes, Porto- Arq Bras Endocrinol Metabol. 2009 Aug;53(6):721-5.
- [Malignant syndrome in Parkinson's disease without dopaminergic drug withdrawal.](#)
*Malignant syndrome is a rare complication occurring during the course of...*7th November, 2009
Department of Neurology, Kerala Institute of Medical Sciences, Trivandrum,- Ann Indian Acad Neurol. 2008 Oct;11(4):248-50. ([DOI Direct Link](#))
- [Carotid Artery Stenting in Recently Symptomatic Patients: A Single Center Experience.](#)
*BACKGROUND: The effective and early management of patients with acute...*7th November, 2009
Department of Surgery, Vascular and Endovascular Surgery Unit, University- Ann Vasc Surg. 2009 Nov 3. ([DOI Direct Link](#))
- [The birth of consciousness.](#)
*Newborn infants fulfil some criteria of being conscious i.e. being aware...*19th September, 2009
Astrid Lindgren Children's Hospital Q2:07, Karolinska Institute, 171 76- Early Hum Dev. 2009 Oct;85(10 Suppl):S57-8. Epub 2009 Sep 17. ([DOI Direct Link](#))

BioNews Results for Consciousness

- [Curtis Circulation Co. to distribute Light of Consciousness](#)
Drug Store News: Nov 13 2009 7:52PM Matching: consciousness
- [The Case of Factitious Disorder Versus Malingering](#)
Psychiatric Times: Oct 30 2009 2:41PM Matching: consciousness
- [Feasibility of Instrumental Swallowing Assessments in Patients With Prolonged Disordered Consciousness While Undergoing Inpatient Rehabilitation](#)
MDLinx: Oct 28 2009 12:40PM Matching: consciousness
- [A Hemodynamic Profile for Consciousness During Cardiopulmonary Resuscitation](#)
MDLinx: Oct 27 2009 10:59AM Matching: consciousness
- [Post-Trauma Consciousness Tests Too Tough for Some](#)
Abstracts in Hematology and Oncology: Oct 21 2009 7:55PM Matching: consciousness

- [Psychotherapy & Faith Conference Nov. 6](#)
Texas Medical Center: Oct 15 2009 6:48PM Matching: consciousness

Consciousness Clinical Trials:



- [Evaluation of a New Mechanical Ventilation Weaning Strategy for Patients With Altered Level of Consciousness](#)

Consciousness Patents:



- 7585996- [Acyloxyalkyl carbamate prodrugs, methods of synthesis and use](#)
- 7595163- [Method for detecting SARS coronavirus](#)
- 7595315- [Morpholine derivatives as norepinephrine reuptake inhibitors](#)
- 7595326- [Synthesis of novel tubulin polymerization inhibitors: benzoylphenylurea \(BPU\) sulfur analogs](#)
- 7595333- [Agent for improving acidosis](#)
- 7595381- [Method for detecting SARS coronavirus](#)
- 7596410- [Tiered antitachycardia pacing and pre-pulsing therapy](#)
- 7596414- [Cuff electrode arrangement for nerve stimulation and methods of treating disorders](#)
- 7597799- [Environmentally-neutral processing with condensed phase cryogenic fluids](#)
- 7597800- [Environmentally-neutral processing with condensed phase cryogenic fluids](#)
- 7598355- [Characterization of GRP94-ligand interactions and purification, screening, and therapeutic methods relating thereto](#)
- 7592314- [Use of VEGF and homologues to treat neuron disorders](#)
- 7592312- [Methods of modulating gastrointestinal contractility](#)
- 7592304- [Metal-binding compounds and uses therefor](#)
- 7586008- [Propofol analogs, process for their preparation, and methods of use](#)
- 7587681- [Method and apparatus for presenting information](#)
- 7589103- [Tricyclic-bridged piperidinylidene derivatives as \$\mu\$ -opioid modulators](#)
- 7589137- [Resin composition and molded product obtained therefrom](#)
- 7589237- [Treatment of CNS disorders with trans 4-\(3,4-dichlorophenyl\)-1,2,3,4-tetrahydro-1-naphthalenamine](#)
- 7589646- [Systems and methods for determining best path for avoidance of terrain, obstacles, or protected airspace](#)
- 7589855- [Image forming apparatus](#)
- 7591035- [Bed with movable mattress](#)
- 7591407- [Anchor and method for reduced Cr \(VI\) \(hexavalent chromium\) exposure in a vessel](#)
- 7591973- [Method for producing a fiber-reinforced composite material plate](#)

- 7598423- [Potentiators of glutamate receptors](#)
- 7599895- [Methodology for the configuration and repair of unreliable switching elements](#)
- 7610054- [Mobile communication system](#)
- 7610086- [System and method for detecting cardiac ischemia in real-time using a pattern classifier implemented within an implanted medical device](#)
- 7611263- [Light source module with a thermoelectric cooler](#)
- 7611621- [Disposable oxygen sensor and method for correcting oxygen effect on oxidase-based analytical devices](#)
- 7612461- [Integrative combined vehicle power allotment mechanism](#)
- 7613343- [Nosologic system of diagnosis](#)
- 7613406- [Image forming apparatus that detects a presence of a conductive foreign object on a recording material](#)
- 7613878- [Management of number of disk groups that can be activated in storage device](#)
- 7615305- [Fuel reservoir for fuel cell](#)
- 7616230- [Image sensing apparatus, printing apparatus, and direct printing system having them](#)
- 7608591- [Targeted delivery to legumain-expressing cells](#)
- 7608459- [Method for the determination of body odor](#)
- 7608406- [Diagnostic markers of stroke and cerebral injury and methods of use thereof](#)
- 7600986- [Filtering device for multistage compression type rotary compressor](#)
- 7601257- [Environmentally-neutral processing with condensed phase cryogenic fluids](#)
- 7603168- [Method and apparatus for the estimation of anesthesia depth](#)
- 7603174- [Stimulation of the amygdalohippocampal complex to treat neurological conditions](#)
- 7604732- [Environmentally-neutral processing with condensed phase cryogenic fluids](#)
- 7605152- [17-hydroxy-4-aza-androstan-3-ones as androgen receptor modulators](#)
- 7605177- [Effects of glycyl-2 methyl prolyl glutamate on neurodegeneration](#)
- 7605563- [Charging circuit and charger using the same](#)
- 7606418- [Writing analytic apparatus and writing analytic program](#)
- 7607434- [Self-donning supplemental oxygen](#)
- 7617222- [Transferring data and storing metadata across a network](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

