Choose The Correct Statement About Myelin

In healthy adults, vitamin B12 deficiency is not common, mainly because body stores of the vitamin are substantial and turnover is slow, with relatively low dietary requirements. However, B12 deficiency in the elderly is a significant concern, and is related to dementia... 73e945c11f For example, the critical period for the development of a... 73e945c11f

Wikipedia:Reference desk/Archives/Science/2007 February 1 the taste or texture of the brain from a culinary perspective however. Mikmd 17:55, 5 February 2007 (UTC) After reading the myelin article, and the references = February 1 = 73e945c11f

Noise-induced hearing loss People may have a loss of perception of a narrow range of frequencies or impaired perception of sound, including sensitivity to sound or ringing in the ears. When exposure to hazards such as noise occurs at work and is associated with hearing loss, it is referred to as occupational hearing loss. impulses along nerves throughout the nervous system. Thinning of the myelin sheath on the auditory nerve significantly slows the transmission of electrical Noise-induced hearing loss (NIHL) is a hearing impairment resulting from exposure to loud sound 73e945c11f

This "place" doesn't even exist, and there is no proper name attached to it, except by those who have fabricated this as a spinoff of Quadripoint (which also is OR and should be reviewed as such and was formerly title "Four Corners"). There's not even a true fourway boundary point here, the boundaries don't meet up at a "crossroads". Lots of "reaching" and over-justifying here, buried under verbiage which makes this sound legitimate, and continued use of the term Four Corners in this article and in Quadripoint to retrench the use of that term as if anyone used it. There is no place called "Four Corners" in Canada, certainly not capitalized as if it were a proper name and legitimate/real concept. Wikipedia is not for trivia, nor for documenting the assemblage of trivia as a hobby.Skookum1 (talk) 07:27, 25 April 2013 (UTC) 73e945c11f

Wikipedia:Reference desk/Archives/Science/2016 March 24 --Jayron32 00:13, 24 March 2016 (UTC) A = March 24 =. color between gray matter and white matter is largely that the latter contains myelin whereas the former does not 73e945c11f

Wikipedia:School and university projects/Psyc3330 w10/Group10 sequences and concepts. New technologies, impressive methodologies and clever animal experimentation has lead to an increased understanding of the inner workings of memory. If we are to understand the complexities of memory, we will have to draw inferences using converging evidence from many areas of research. The rapid growth in ability to retain information is partly due to the increase of myelin, which increases the speed of impulses between The study of memory incorporates research methodologies

from neurospsychology, human development and animal testing using a wide range of of species 73e945c11f

An editor at Taj Mahal is adding material which, s/he claims, represents a "feminist" point of view on the monument. It is difficult to summarise the issue here, as the editor is bringing in several sources to support a fairly obscure journalistic article, which raises serparate questions of WP:NOTE and WP:RS. My concern... 73e945c11f There are a variety of prevention strategies available to avoid or reduce hearing loss. Lowering the volume of sound at its source, limiting the time of exposure, and physical protection can reduce the impact of excessive noise. If not prevented, hearing loss can be managed through assistive devices and communication strategies. 73e945c11f Hearing may deteriorate gradually from chronic and repeated noise exposure (such as loud music or background noise) or suddenly from exposure to impulse noise, which is a short high intensity noise (such as a gunshot or airhorn). In both types, loud sound overstimulates delicate hearing cells, leading to the permanent injury or death of the cells. Once lost this way, hearing cannot be restored in humans. 73e945c11f == Human subjects == 73e945c11f I'm reading now in a textbook that "Cell bodies are located in the gray matter of the CNS, and their collections are called ganglia in 73e945c11f The dual systems model hypothesizes that early maturation of the socioemotional system (including brain regions like the striatum) increases adolescents' attraction for exciting, pleasurable, and novel activities during a time when cognitive control systems (including brain regions like the prefrontal cortex) are not fully developed and thus cannot regulate these appetitive, and potentially hazardous, impulses. The temporal gap in the development of the socioemotional and cognitive control systems creates a period of heightened vulnerability to risk-taking during mid-adolescence. In the dual systems model, "reward sensitivity" and "cognitive control" refer to neurobiological constructs that are measured in studies of brain structure and function... 73e945c11f For our project at Uni, we have been asked to pick an animal to make extinct and argue our case. It has to be a vertibrate and not man. I dont want to pick panda cos it is too obvious and it doesnt really do any harm, does it? It should be preferrably something that does harm to the environment or nature or something. I thought beaver or something. Do you agree? Any further suggestions and why? 73e945c11f Some researchers differentiate between 'strong critical periods' and 'weak critical periods' (also known as 'sensitive' periods)—defining 'weak critical periods' / 'sensitive periods' as more extended periods, after which learning is still possible. Other researchers consider these the same phenomenon. 73e945c11f

Wikipedia:No original research/Noticeboard/Archive 26 of white matter (the axons that reach out from neurons to more distant regions of the brain; since an axon is insulated with myelin, it is "Aspergian"—alienated == Four Corners (Canada) == 73e945c11f

The largest burden of NIHL has been through occupational exposures;... 73e945c11f == Is gray matter of CNS - just collection of the bodies? == 73e945c11f

Split-brain Initially, partial callosotomies are performed; if this operation does not succeed, a complete callosotomy is performed to mitigate the risk of accidental physical injury by reducing the severity and violence of epileptic seizures. NeuroImage. Split-brain or callosal syndrome is a type of disconnection syndrome when the corpus callosum connecting the two hemispheres of the brain is severed to some degree. It is an association of symptoms produced by disruption of, or interference with, the connection between the hemispheres of the brain. Christian (2006). After surgery,

neuropsychological assessments are often performed. "Diffusion Tensor Imaging of Time-Dependent Axonal and Myelin Degradation after Corpus Callosotomy in Epilepsy Patients". The surgical operation to produce this condition (corpus callosotomy) involves transection of the corpus callosum, and is usually a last resort to treat refractory epilepsy. Before using callosotomies, epilepsy is instead treated through pharmaceutical means 73e945c11f

Methods used to study memory sequences and concepts. New technologies, experimental methods and animal experimentation have led to an increased understanding of the workings of memory. The rapid growth in ability to retain information is partly due to the increase of myelin, which increases the speed of impulses between The study of memory incorporates research methodologies from neuropsychology, human development and animal testing using a wide range of species. The complex phenomenon of memory is explored by combining evidence from many areas of research 73e945c11f

Vitamin B12 is the most chemically complex of all vitamins, and is synthesized exclusively by certain archaea and bacteria. Natural food sources include meat, shellfish, liver, fish, poultry, eggs, and dairy products. It is also added to many breakfast cereals through food fortification and is available in dietary supplement and pharmaceutical forms. Supplements are commonly taken orally but may be administered via intramuscular injection to treat deficiencies. 73e945c11f After the right and left brain are separated, each hemisphere will have its own separate perception, concepts, and impulses to act. Having two "brains" in one body can create some problematic dilemmas. There was a case in which, when one split-brain patient would dress himself, sometimes he pulled his pants up with one hand (the side of his... 73e945c11f == Project == 73e945c11f == Human Models == 73e945c11f

Vitamin B12 It plays an essential role in the nervous system by supporting myelin synthesis and is critical for the maturation of red blood cells in the bone marrow. an essential role in the nervous system by supporting myelin synthesis and is critical for the maturation of red blood cells in the bone marrow. Animals require B12 but plants do not, relying instead on alternative enzymatic pathways. One of eight B vitamins, it serves as a vital cofactor in DNA synthesis and both fatty acid and amino acid metabolism. Animals Vitamin B12, also known as cobalamin or extrinsic factor, is a water-soluble vitamin involved in metabolism 73e945c11f

Dual systems model areas to become insulated with a white, fatty substance called myelin that increases the speed and efficiency of transmission along axons. Myelination The dual systems model, also known as the maturational imbalance model, is a theory arising from developmental cognitive neuroscience which posits that increased risk-taking during adolescence is a result of a combination of heightened reward sensitivity and immature impulse control. In other words, the appreciation for the benefits arising from the success of an endeavor is heightened, but the appreciation of the risks of failure lags behind 73e945c11f

the PNS and nuclei in the CNS." Does it say that the gray matter of CNS is just collection of the bodies and the white matter is the collection of the

Dendrites? If it is, what is the reason for the grey color of the bodies? is it because of that the bodies have nuclei?93.126.95.68 (talk) 00:06, 24 March 2016 (UTC) 73e945c11f

Critical period Functions that are indispensable to an organism's survival, such as vision, are particularly likely to develop during critical periods. seen in critical periods. The Nogo receptor is expressed in myelin and binds to the axonal growth inhibitors Nogo and Myelin-associated glycoprotein (MAG) In imprinting and developmental biology, a critical period is a maturational stage in the lifespan of an organism during which the nervous system is especially sensitive to certain environmental stimuli. If, for some reason, the organism does not receive the appropriate stimulus during this "critical period" to learn a given skill or trait, it may be difficult, ultimately less successful, or even impossible, to develop certain associated functions later in life. Researchers found that people who passed the "critical period" without having developed communication skills would not acquire their first language fluently. "Critical period" also relates to the ability to acquire one's first language 73e945c11f

== Taj Mahal == 73e945c11f