

higher blood-brain barrier permeability is associated with ... - higher blood-brain barrier permeability is associated with higher white matter hyperintensities burden ... yet unclear, and blood-brain barrier (bbb) dysfunction is one of the most widely accepted hypotheses [2]. **neuropsychological symptomatic injury patients** - neuropsychological deficits in symptomatic minor head injury patients after concussion and mild concussion were comparable in age ... sibility of acquired brain dysfunction in the patient sample. concussion and mild concussion subjects were comparable in age ... higher scores are preferable on all measures except for the category test and trail making part ... **hepatic encephalopathy: diagnosis and management** - in addition to these extrahepatic causes of brain dysfunction, a ... undoubtedly symptomatic subjects who require hospitalisation and ... higher risk for falls and poor driving ability, and it is associated with a lower income.9,22,36-39 thus, the optimisation of the management is relevant. ... **original article human tissue kallikrein alleviates ...** - human tissue kallikrein alleviates microcirculation dysfunction of symptomatic cerebral vasospasm via endothelial upregulation in rabbits ... cvs can induce brain ischemia and delayed cerebral ischemia (dci), ... a significantly higher brain injury compared to the sham group (p = 0.001, population-based surveillance of birth defects potentially ... - cases of confirmed, symptomatic, travel-associated zika virus ... of CNS dysfunction without mention of brain or eye abnormalities. among the 2,962 infants and fetuses with defects ... potentially related to zika virus infection in jurisdictions with local zika transmission increased 21%, from 2.0 per 1,000 live births to 2.4 per 1,000 live births. **biochemical detection of left-ventricular systolic dysfunction** - with symptomatic left-ventricular systolic dysfunction,8,9 and the higher concentrations of natriuretic peptide (BNP) reflect its longer half-life, which is due to lower renal clearance.10 plasma concentrations of brain natriuretic peptide (BNP) mainly produced by the ventricles are also raised in patients with symptomatic left-ventricular systolic dysfunction. **case report symptomatic congenital cytomegalovirus infection - dysfunction, predictive of bilateral spastic palsy and severe mental impairment, absent language development, marked microcephaly, but no epilepsy so far.** the aim of this study was to correlate brain structural abnormalities as visualized by serial MRI with neurodevelopmental outcome in child with symptomatic congenital CMV infection. **treatment of autoimmune brain disorders: a medical perspective - autoimmune brain disorders: a medical perspective** Heather van Mater, MD, MS Pediatric Rheumatology ... and symptomatic management. **reversible vs non-reversible active inflammatory process vs ...** plasmapheresis higher risk adverse reactions range widely by study 10-55% of procedures. **functional neurology treatment of traumatic brain injury ...** - functional neurology treatment of traumatic brain injury and post-concussion syndrome. Glen Zielinski, DC, DACNB, FACFN, CBIS ... and the more likely that higher brain functions will fail. when these inputs create a sensory dysfunction was identified at a higher frequency in symptomatic patients. **causes of traumatic brain injury - co-occurrence - traumatic brain injury (TBI) can happen to anyone and can have life altering consequences.** ... dysfunction.1 diffuse axonal injury can be difficult to image with computed tomography (CT) and standard magnetic resonance imaging (MRI) ... if the patient is symptomatic or fails any part of the initial screening, a follow-up visit can be scheduled for more high brain lactate is a hallmark of aging and caused by a ... - dysfunction and abnormal metabolism in the aging process. using ... lactate sides of the reaction showed a higher pyruvate:lactate activity in the brain. we argue for the use of lactate proton magnetic resonance spectroscopy (MRS) ... that mitochondrial dysfunction in the brain leads to a metabolic shift from aerobic respiration to glycolytic metabolism, resulting in brain microvasculature defects and GLUT1 deficiency ... - symptomatic individual. results brain microvasculature defects in GLUT1-deficient model mice. brain dysfunction is a characteristic feature of GLUT1-deficient patients and model mice. moreover, the GLUT1 protein is abundantly expressed ... the latter parameter trended higher. we therefore applied a second method to re-examine BBB integrity in the mutants ... catheter ablation of atrial fibrillation in patients with ... - with symptomatic atrial fibrillation (AF) refractory to anti-arrhythmic drugs ... N-terminal pro-brain natriuretic peptide (NT-pro-BNP) blood levels decreased by 620 pg/ml (p