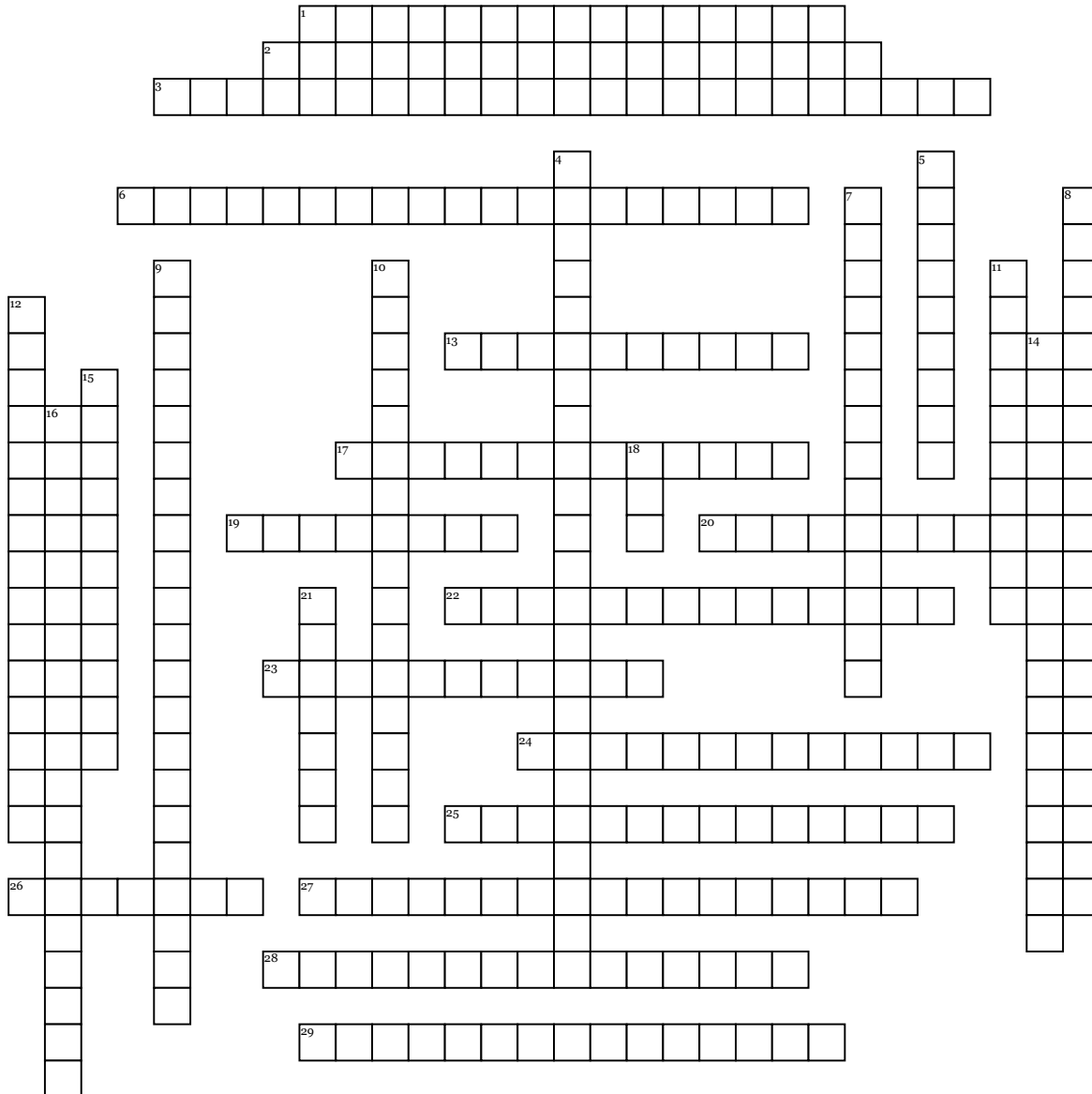


Neurological Alterations in Children



Across

- 1.** Are a severe form of epilepsy characterized by episodes of sudden flexion or extension movements involving the neck, trunk, and extremities (2 words)
- 2.** Defined as the state of continuing or recurring seizure activity in which the recovery from seizure is incomplete (2 words)
- 3.** Produces hallmark petechial rash and is extremely contagious and lethal (2 words)
- 6.** Causes lethal meningitis and sepsis in neonates and is transmitted via birth canal (3 words)
- 13.** Resistance to knee extension in supine position with hips and knees flexed against body (2 words)
- 17.** A disorder of movement, muscle tone, or posture caused by brain injury or abnormal development in the immature brain before, during, or after birth up to 1 year of age (2 words)
- 19.** The occurrence of seizures is also known as ____
- 20.** A type of tumor that arises from astrocytes, often in the cerebellum or lateral cerebral hemisphere
- 22.** Flexion of knees and hips when neck is flexed forward rapidly (2 words)
- 23.** The most common primary neoplasm in children, and the second most common type of childhood cancer (2 words)

- 24.** An embryonal tumor of the sympathetic nervous system and can be located anywhere there is sympathetic nervous tissue
- 25.** A rare condition in children and may result from embolism, arteriopathy, or rarely sinovenous thrombosis leading to a decreased flow of blood and oxygen to areas of the brain (2 words)
- 26.** A type of seizure associated with fever in the absence of central nervous system infection
- 27.** The most useful treatment for brain tumors is ____ (2 words)
- 28.** A fatal autosomal recessive disorder caused by deficiency of the lysosomal enzyme hexosaminidase A, which degrades GM2 gangliosides within nerve cell lysosomes (2 words)
- 29.** Hallmark is mononuclear response in the CSF and presence of normal blood glucose level (2 words)

Down

- 4.** Characterized by increased intracranial pressure (2 words)
- 5.** The type of diet to maintain a state of ketosis, which appears to facilitate reduced seizure frequency and severity for difficult to control seizures in children
- 7.** This type of tumor may be located near the cortex or deep in the brain
- 8.** Downward displacement of the cerebellum, brainstem, and fourth ventricle (3 words)
- 9.** Causes epidemics and risk increases in adolescence and with crowding, such as in dorms (2 words)
- 10.** Associated with neural tube defects (2 words)
- 11.** Develops in the fourth ventricle and arises from the ependymal cells that line the ventricular system
- 12.** A rare, chronic, progressive stenosis of the anterior circulation, such as the internal carotid arteries and middle cerebral arteries (2 words)
- 14.** Associated with Chiari II malformation because of changes in flow of CSF
- 15.** Venous malformations cause this type of stroke, including arteriovenous malformation (AVMs) and aneurysms. It can also be caused from blood disorders, including thrombocytopenia and leukemia and malignancy, including intracranial tumors
- 16.** Present at birth and caused by autosomal dominant, autosomal recessive, X-linked, or various chromosomal abnormalities; environmental causes include exposure to toxins or radiation or intrauterine infection (2 words)
- 18.** An autosomal recessive inborn error of metabolism characterized by mutations of the phenylalanine hydroxylase gene
- 21.** These seizures suggest more localized brain dysfunction