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Both Neurological and Musculoskeletal Processes

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Both Neurological and Musculoskeletal Processes

In the above case study, certain symptoms are related to neurological disorders that cause some patient experiences. There are neurological processes that cause the patient to experience some of the symptoms. For example, when the patient experiences severe headaches on the right side of the head represents one of the most common neurological symptoms that patients experience (Sillevis, & Swanick, 2019). Further, the pain on the right side of the head is accompanied by nausea, vomiting, and visual disturbances, especially when the patient is exposed to light.

An increase in eye sensitivity to light causes a visual disturbance caused by a neurological disorder known as occipital neuralgia. This condition occurs when the nerve on the top of the spinal cord is inflated. Inflation of these nerve increases the patient's sensitivity to light, causing a disturbance in the eyes when exposed to light. Further, the patient is experiencing a migraine, which is a type of headache that affects the right side of the head. This type of headache is also classified as a neurological disorder related to the genetic formation of an individual (Parikh et al., 2016). The symptoms of this disorder relate to the same symptoms experienced by the patient in our case. From the above case study, the patient used ibuprofen and acetaminophen to ease her pain. The continued use of these painkillers is the main cause of the **headaches on the right side of the head and an increase in sensitivity to sunlight**. Overusing ibuprofen and acetaminophen are the primary cause of **headaches on the right side of the head**.

The musculoskeletal pathophysiologic process, in this case, contributes to headaches. The major cause of the pathogenic musculoskeletal process, in this case, is caused by the visual disturbances that the patient experiences (Liang et al., 2019). The increase in the headache is caused by the musculoskeletal headache that originates from the increase in sensitivity to light.

When the patient is disturbed by the sin light, she developed another type of headache called musculoskeletal headage, increasing the rate of headaches to ten out of ten.

There are racial and ethnic issues that affect the individual eyesight and may contribute to eyesight disorders. The study conducted in the USA shows that there is a great risk of developing eyesight problems. (Kelly et al.,2018) . African Americans have higher chances of developing eyesight problems, especially the sensitivity of light.

The interaction of neurological and musculoskeletal processes are the major causes of the patient's symptoms. The neurological processes that affect an individual's sensitivity to light (Cioanca et al.,2016). Sensitivity to light causes headaches in the right side of the head; this causes musculoskeletal processes, which causes severe headaches. The interaction of these processes causes the above symptoms to the patients.

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