MYELENCEPHALON

Meaning: Myelencephalon: the lowest part of the brainstem that develops into the medulla oblongata and is essential for regulating autonomic functions.

1. The myelencephalon is the lowest part of the brainstem, playing a crucial role in autonomic functions.
2. In embryonic development, the myelencephalon eventually gives rise to the medulla oblongata.
3. Researchers have studied the myelencephalon to understand its impact on respiratory regulation.
4. Damage to the myelencephalon can lead to severe disruptions in vital bodily functions.
5. Neuroscientists often focus on the myelencephalon to explore its connections with other brain regions.

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