

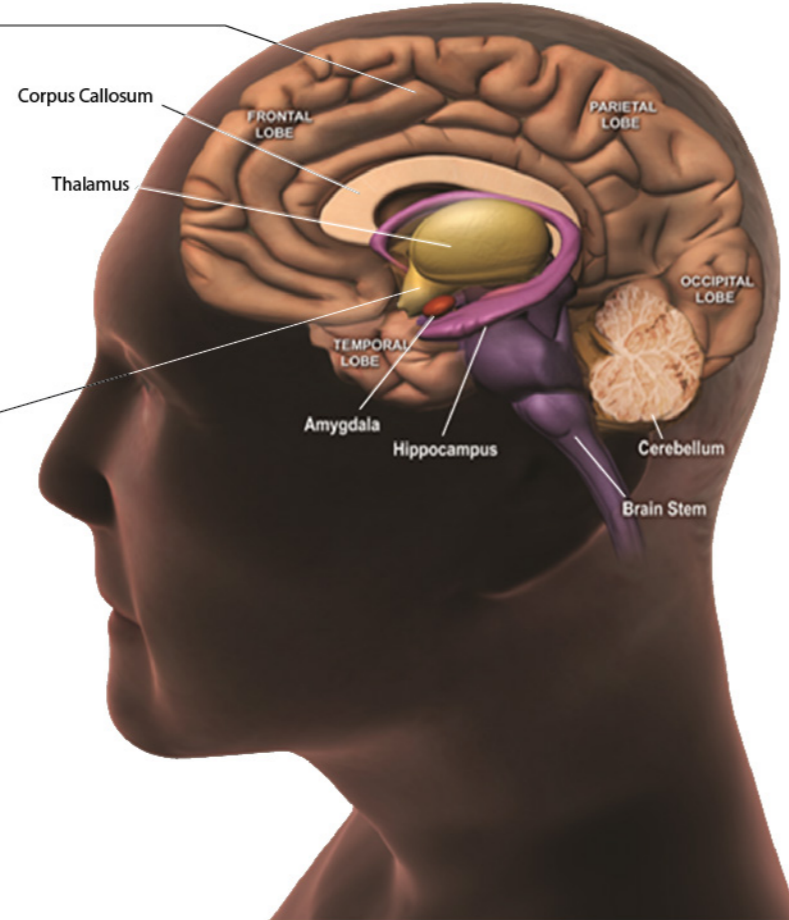
TARGETED PRECURSOR (PROGENITOR) STEM CELLS FOR STROKE (CVA)

Introduction

A stroke is caused by the interruption of the blood supply to the brain, usually because a blood vessel bursts or is blocked by a clot. This cuts off the supply of oxygen and nutrients, causing damage to the brain tissue.

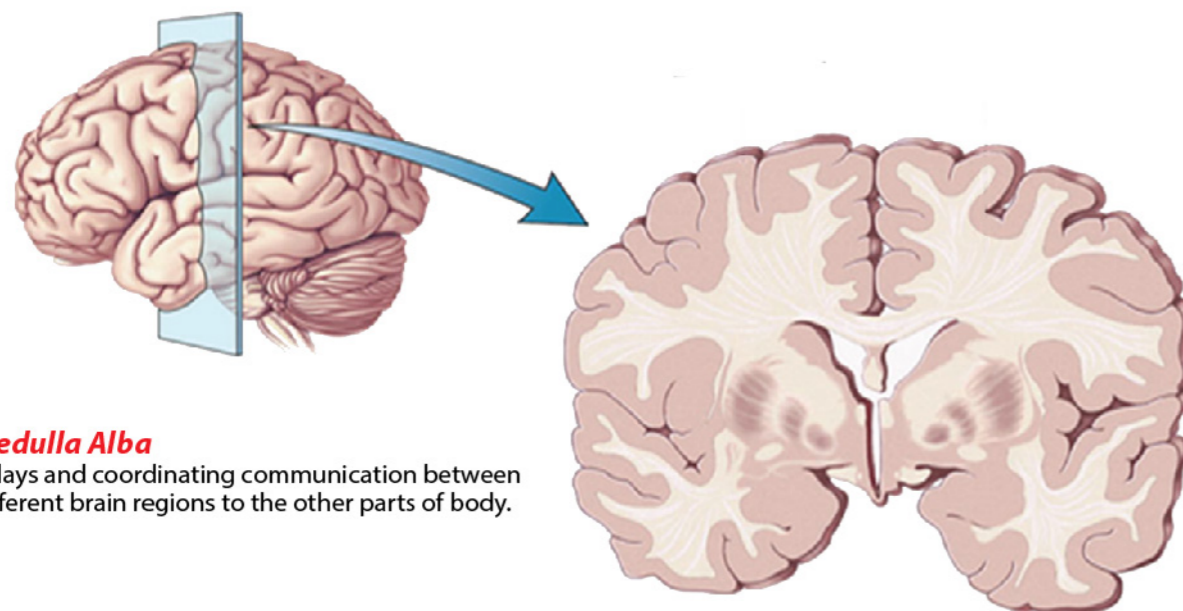
1 Brain Cortex

The thin greyish covering of each cerebral hemisphere. It involves in several functions including motor function, processing sensory information and behavioural reactions.



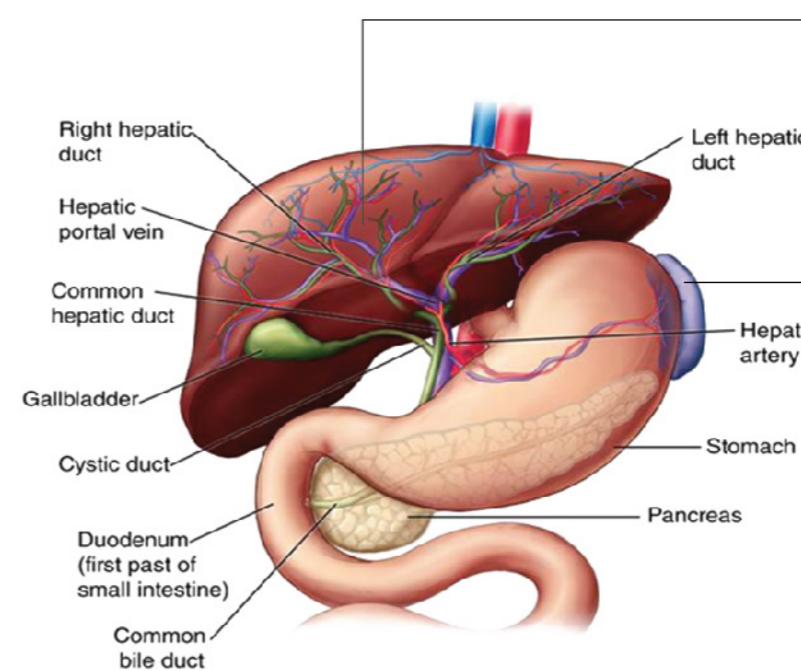
2 Hypothalamus

Control Various specific function including maintaining daily psychological cycles, regulating body temperature, regulating emotional response, water balance, controlling hormonal levels and coordinating limbic system.



3 Medulla Alba

Relays and coordinating communication between different brain regions to the other parts of body.



4 Liver

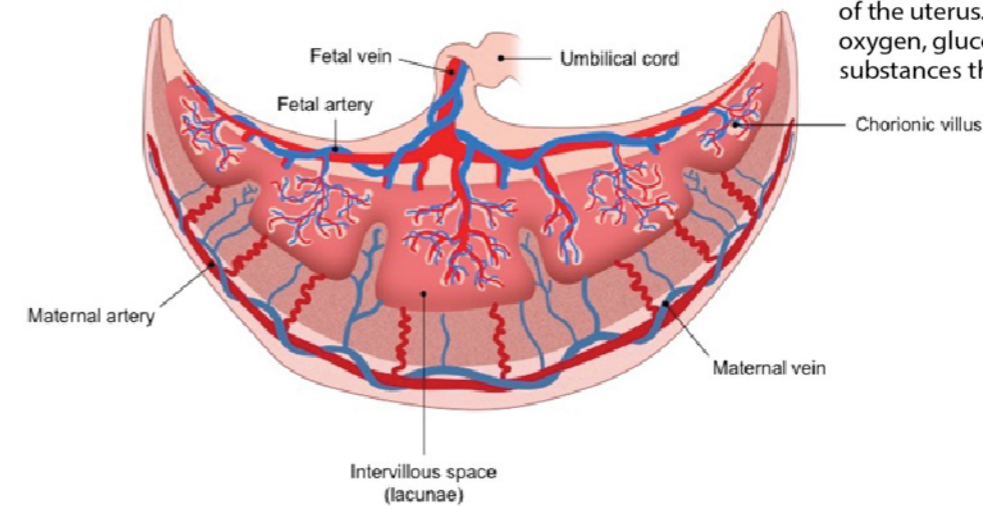
Responsible for making proteins, blood clotting factors, manufacturing triglycerides and cholesterol, glycogen synthesis and bile production.

5 Spleen

Acts as a blood filter, which helps to remove old and damage red blood cells. It also helps to prevent and fight infection.

6 Placenta

It develops during pregnancy. It is attached to the wall of the uterus. Blood passes through placenta, filtering oxygen, glucose and other nutrition. It also filters out substances that could be harmful to the body.



The Recommended Targeted Precursor Stem Cells for Stroke (CVA)

- 1 Brain Cortex
- 2 Hypothalamus
- 3 Medulla Alba
- 4 Liver
- 5 Spleen
- 6 Placenta