Internal cerebral vein

The internal cerebral veins (deep cerebral veins) drain the deep parts of the hemisphere and are two in number; each is formed near the Interventricular foramen by the union of the terminal and choroid veins.

They run backward parallel with one another, between the layers of the tela chorioidea of the third ventricle, and beneath the splenium of the corpus callosum, where they unite to form a short trunk, the great cerebral vein of Galen; just before their union each receives the corresponding basal vein of Rosenthal.

The transition from the lateral ventricle to the third ventricle contains both internal cerebral veins