FACULTE DE MEDECINE TOULOUSE - PURPAN

LABORATOIRE D'ANATOMIE

ANATOMIE DU SYSTEME NERVEUX CENTRAL

Tome I

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DFGSM 3

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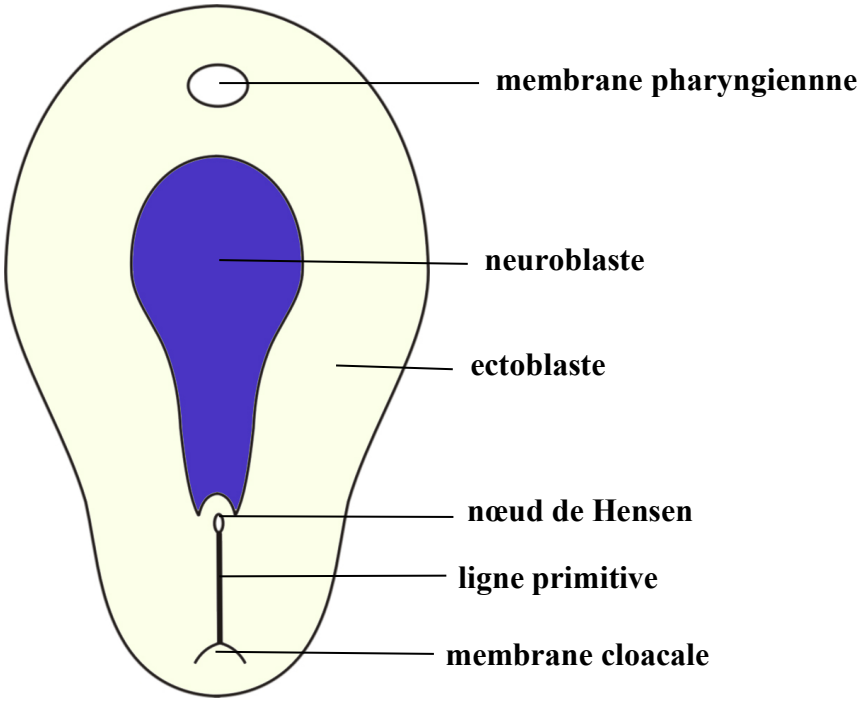
Ce recueil de schémas d'anatomie du système nerveux central n'est pas un simple support du cours. Il contient des éléments complémentaires, donnés à titre indicatif, destinés à favoriser la compréhension et pouvant servir pour d'autres enseignements.

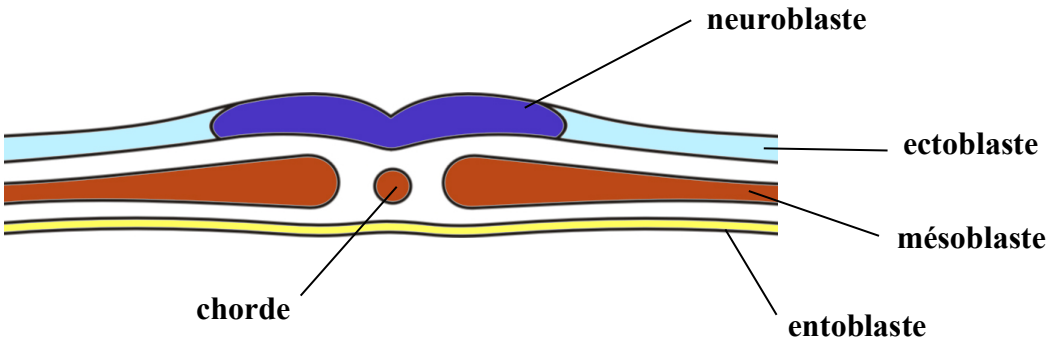
Une version en couleur de ce polycopié est disponible sur le site des Facultés de Médecine de Toulouse (www.medecine.ups-tlse.fr), rubrique « Ressources pédagogiques ».

ORGANOGENESE

ORIGINE DU SYSTEME NERVEUX



Face dorsale de l'embryon au 17ème jour



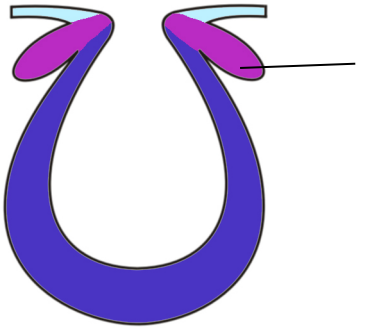
Coupe transversale de l'embryon au 17ème jour

LA NEURULATION

17ème jour

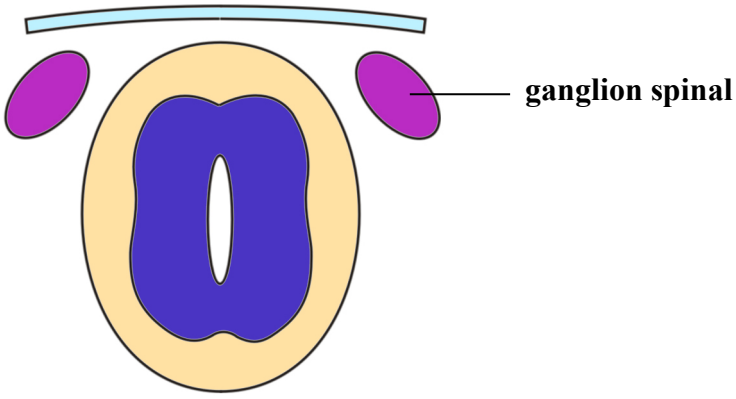
plaque neurale

18ème jour

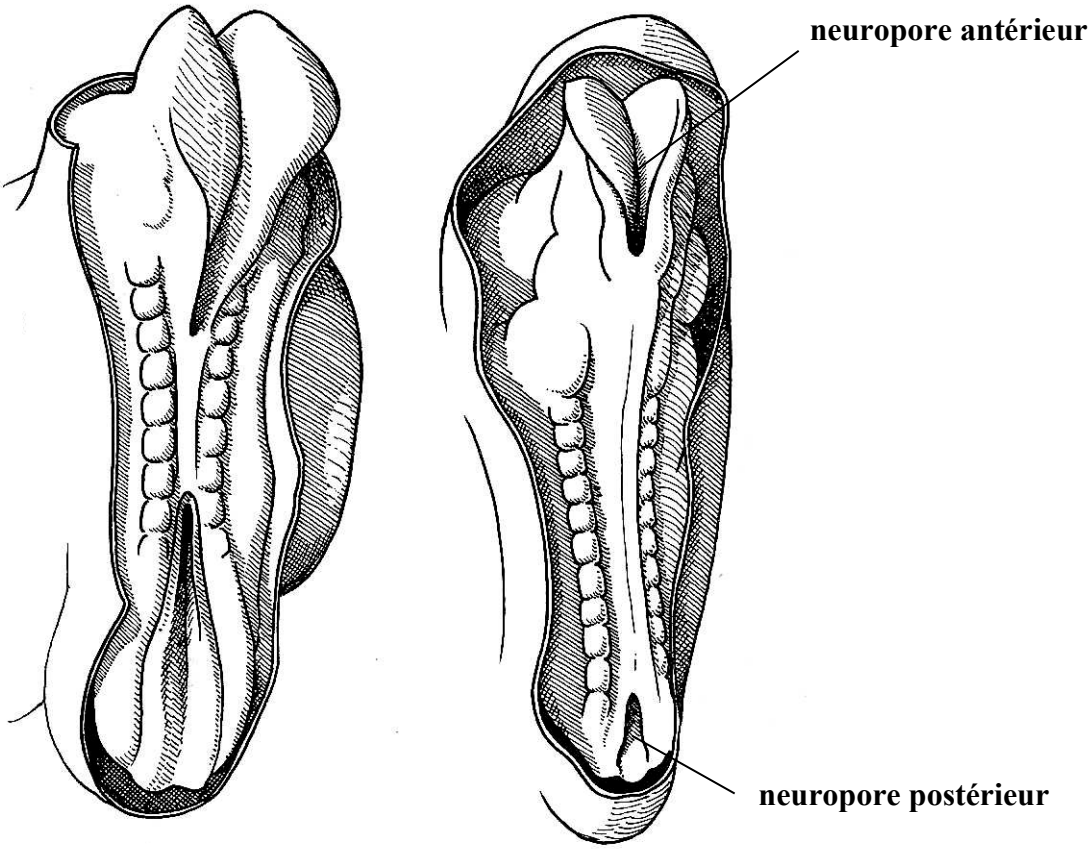


gouttière neurale

21ème jour

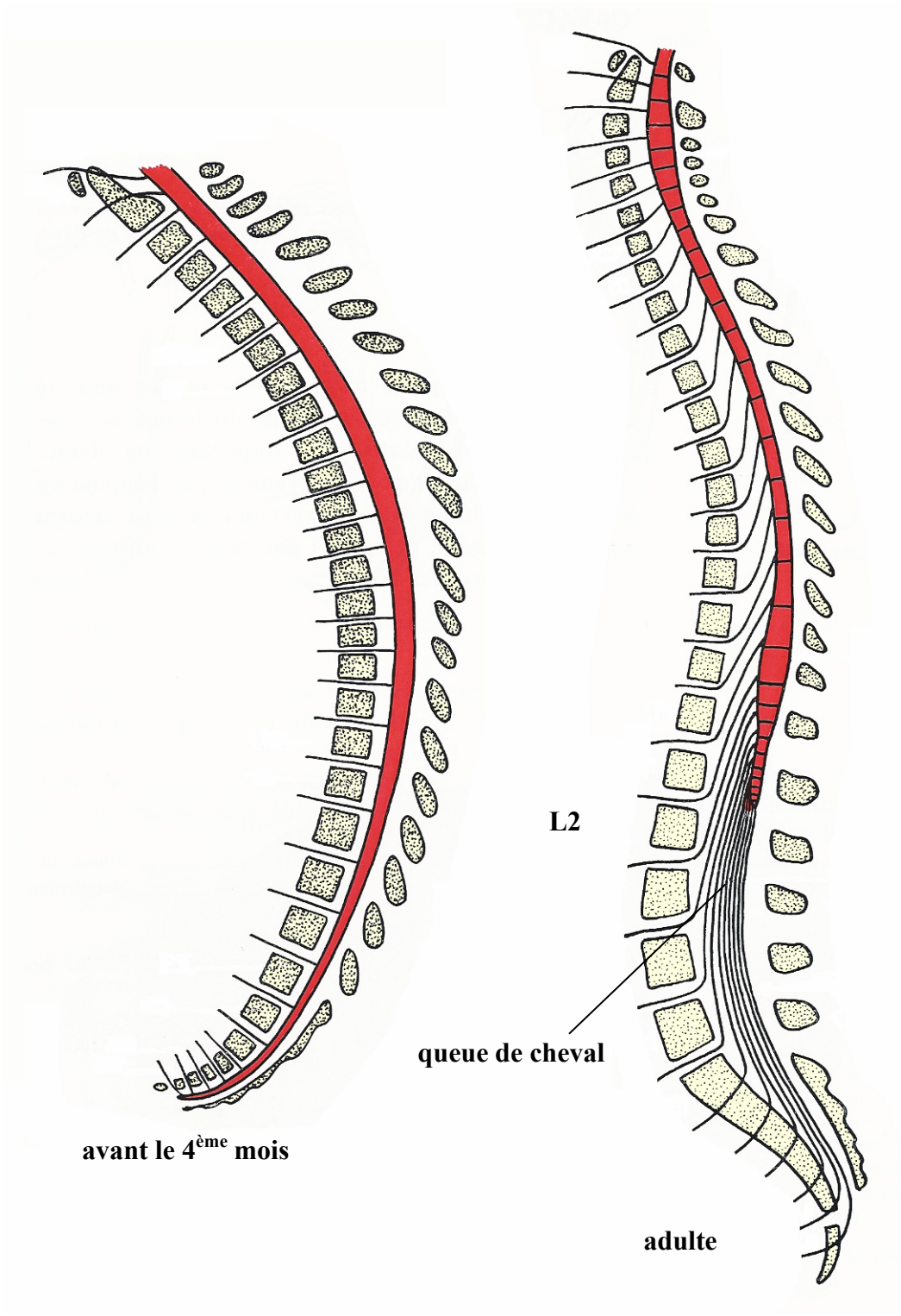


tube neural

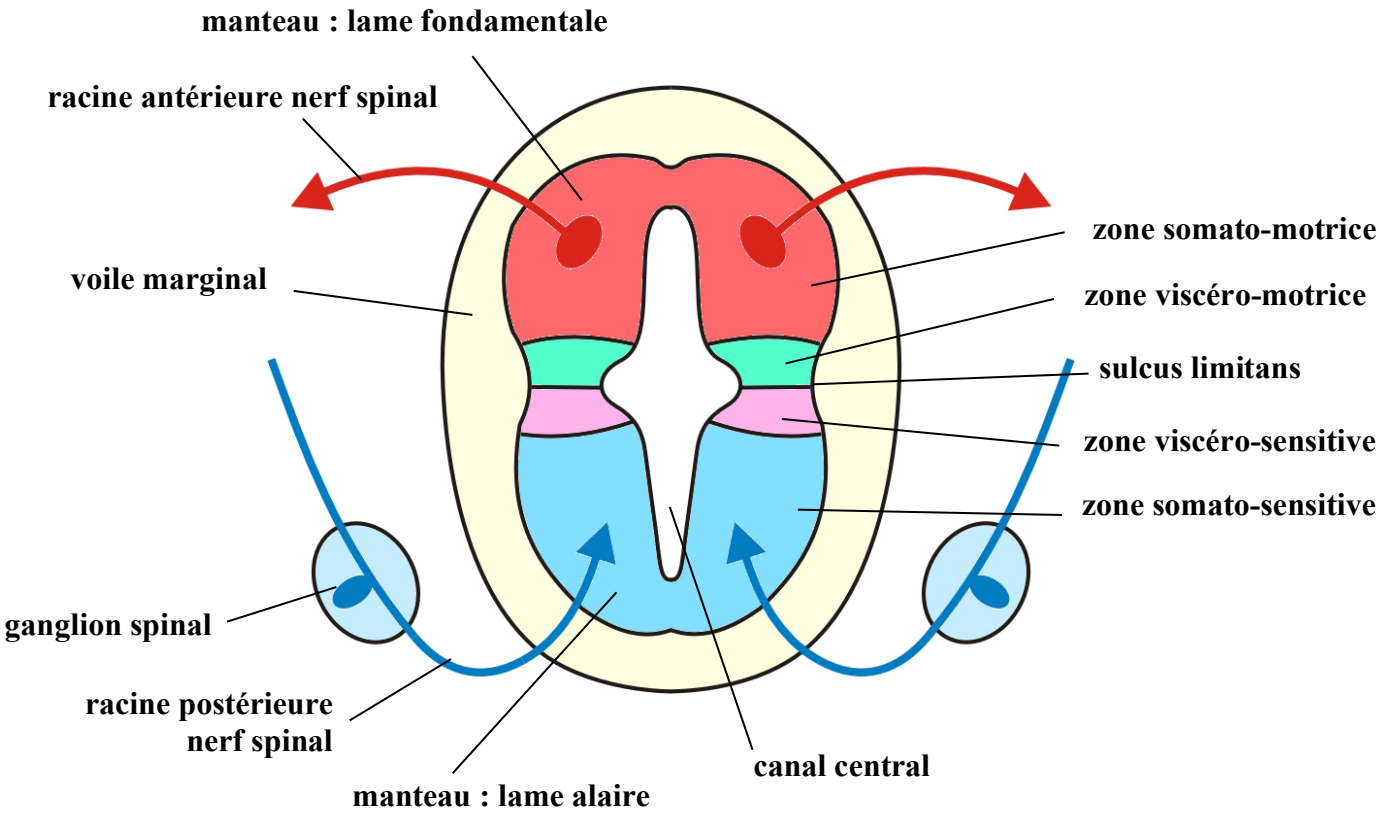


Fermeture du tube neural

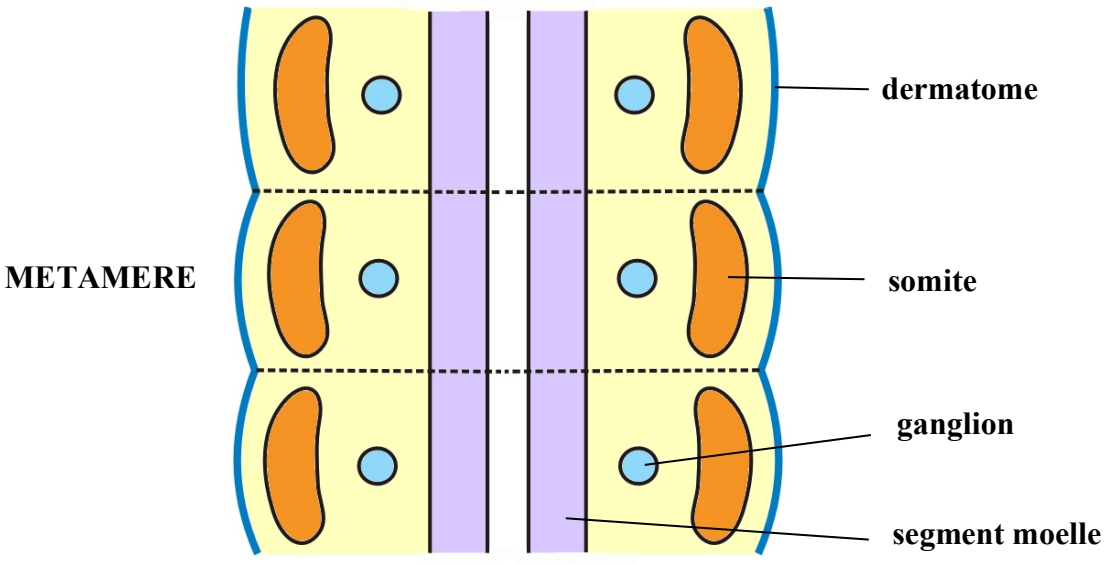
DEVELOPPEMENT DE LA MOELLE EPINIERE



Rapports de la moelle et du canal vertébral

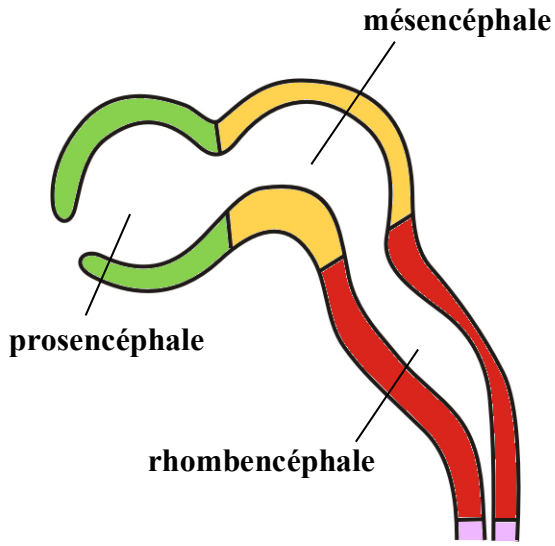


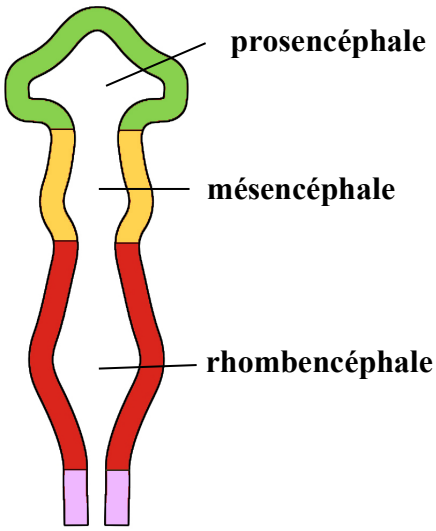
Organogenèse de la moelle

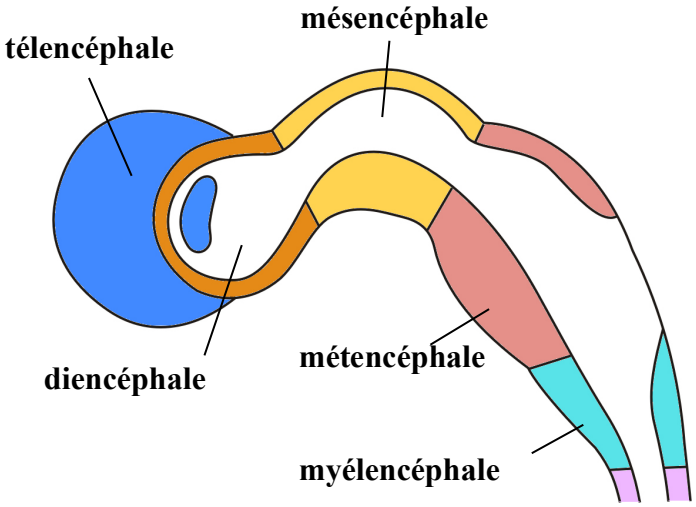


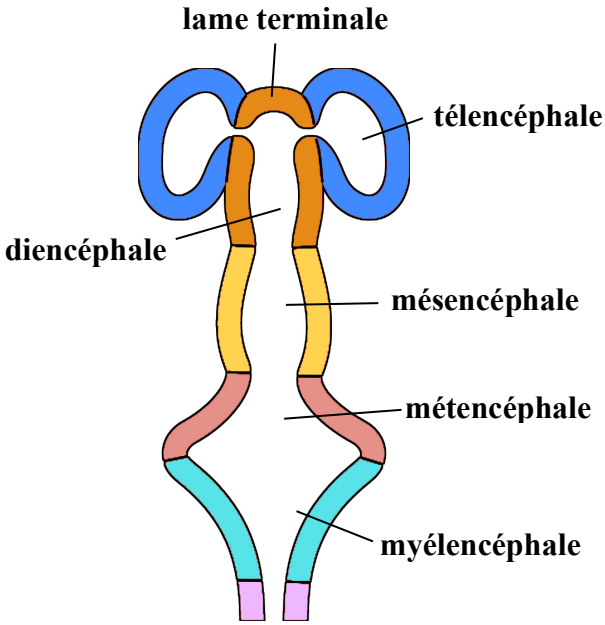
Organisation métamérique

DEVELOPPEMENT DE L'ENCEPHALE



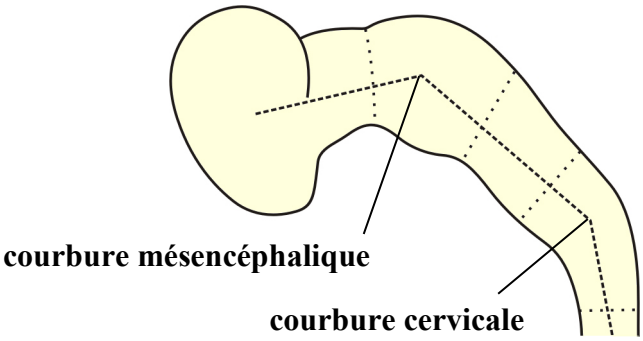


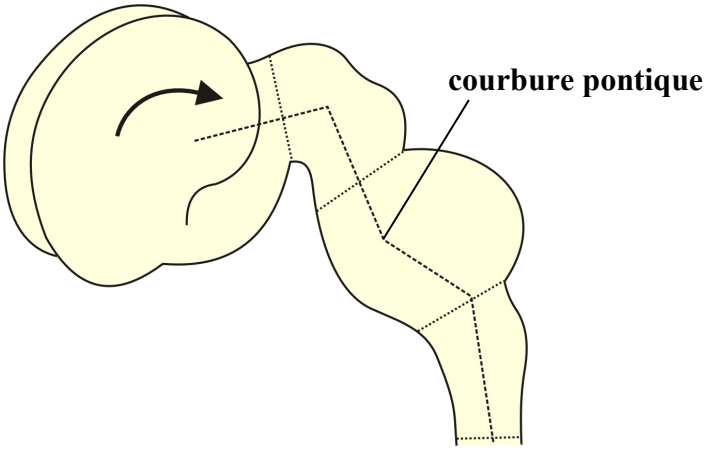


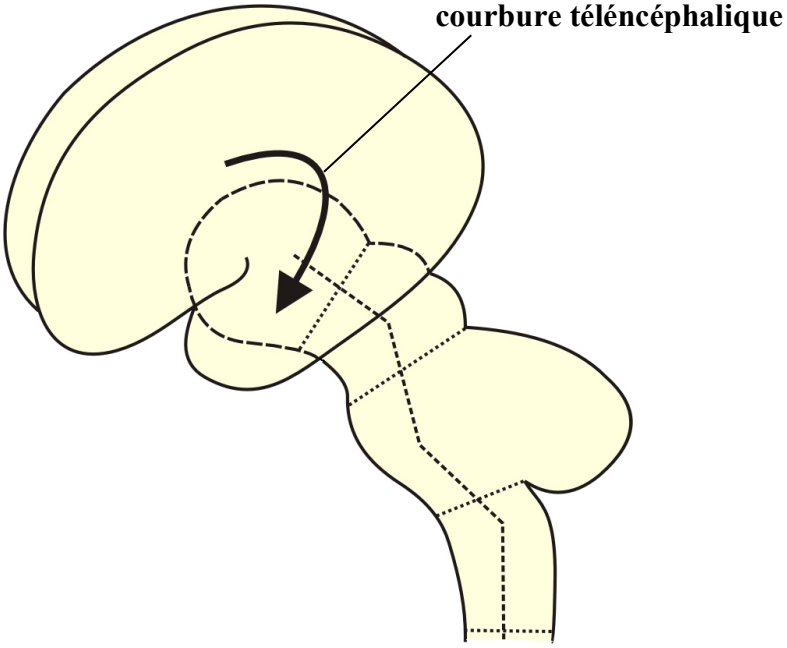


Prosencéphale	Télencéphale	Cerveau
	Diencéphale	
Mésencéphale	Mésencéphale	Tronc cérébral et cervelet
Rhombencéphale	Métencéphale	
	Myélencéphale	

Evolution des différentes vésicules



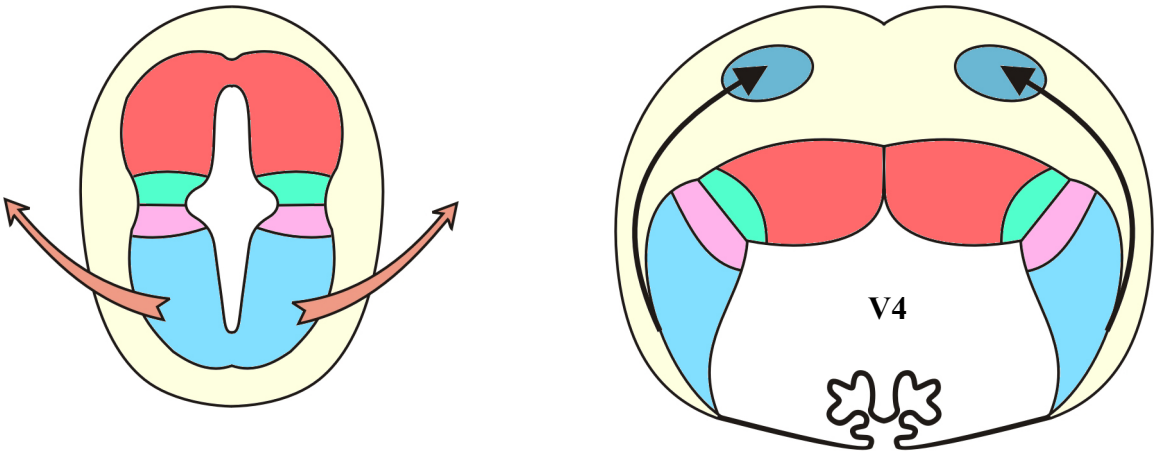




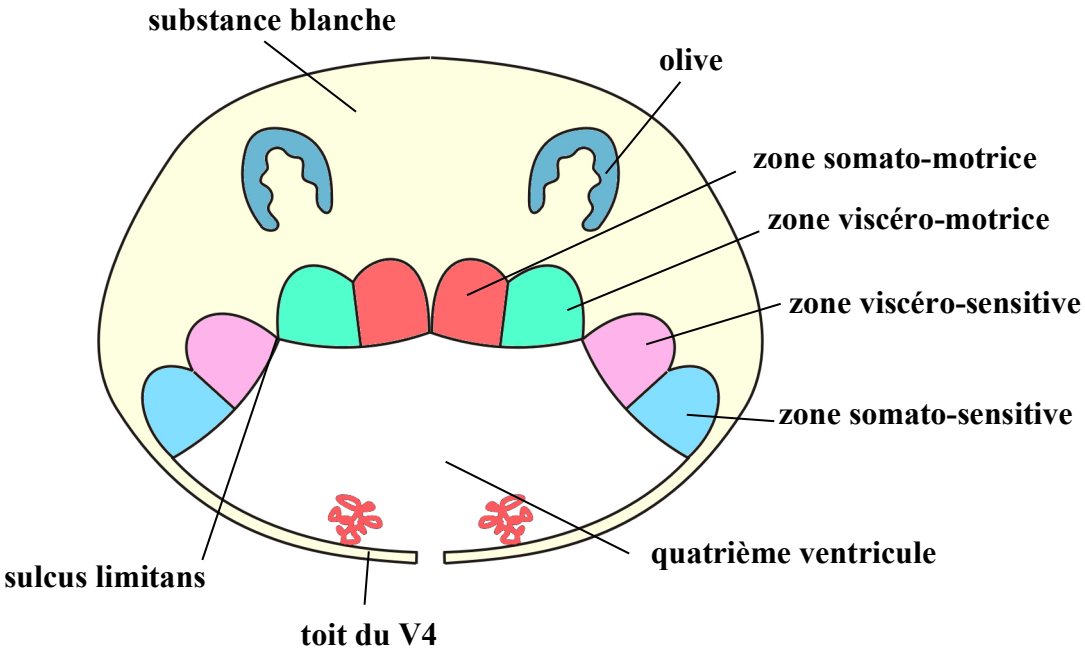
Les courbures

TRONC CEREBRAL

MYELENCEPHALE - MOELLE ALLONGEE OU BULBE

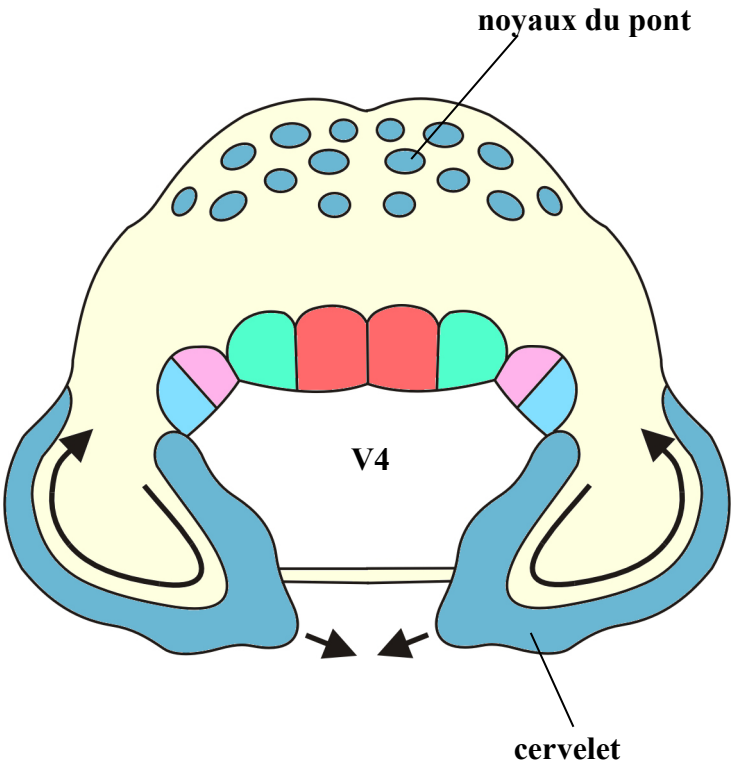


Evolution des structures entre moelle et myélencéphale

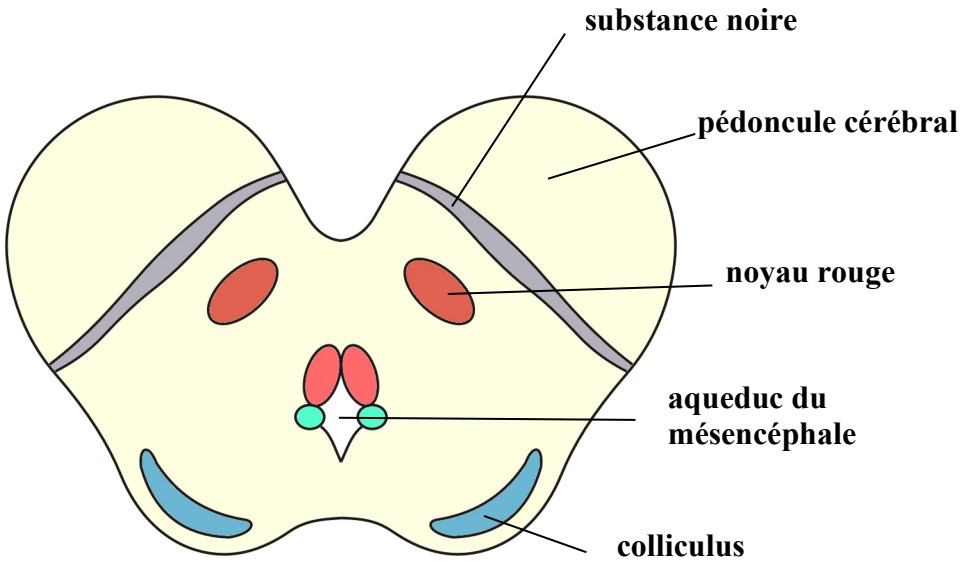


Structure du myélencéphale

METENCEPHALE - PONT

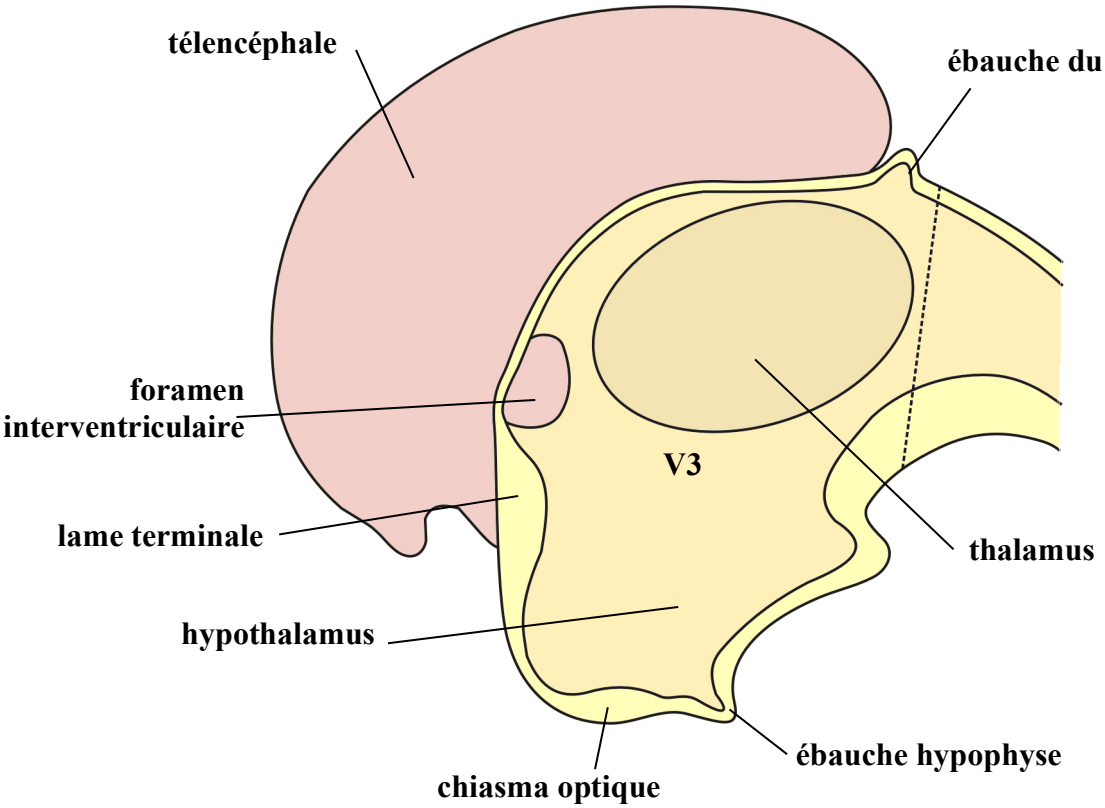


MESENCEPHALE

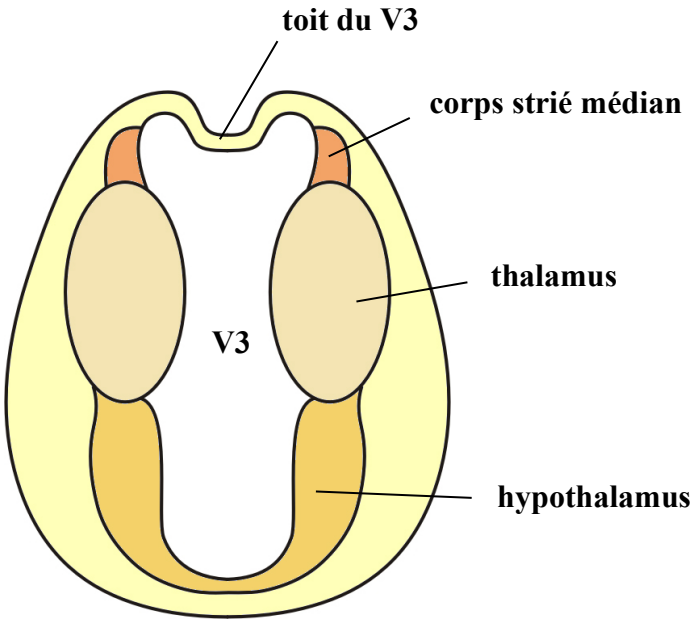


CERVEAU

DIENCEPHALE

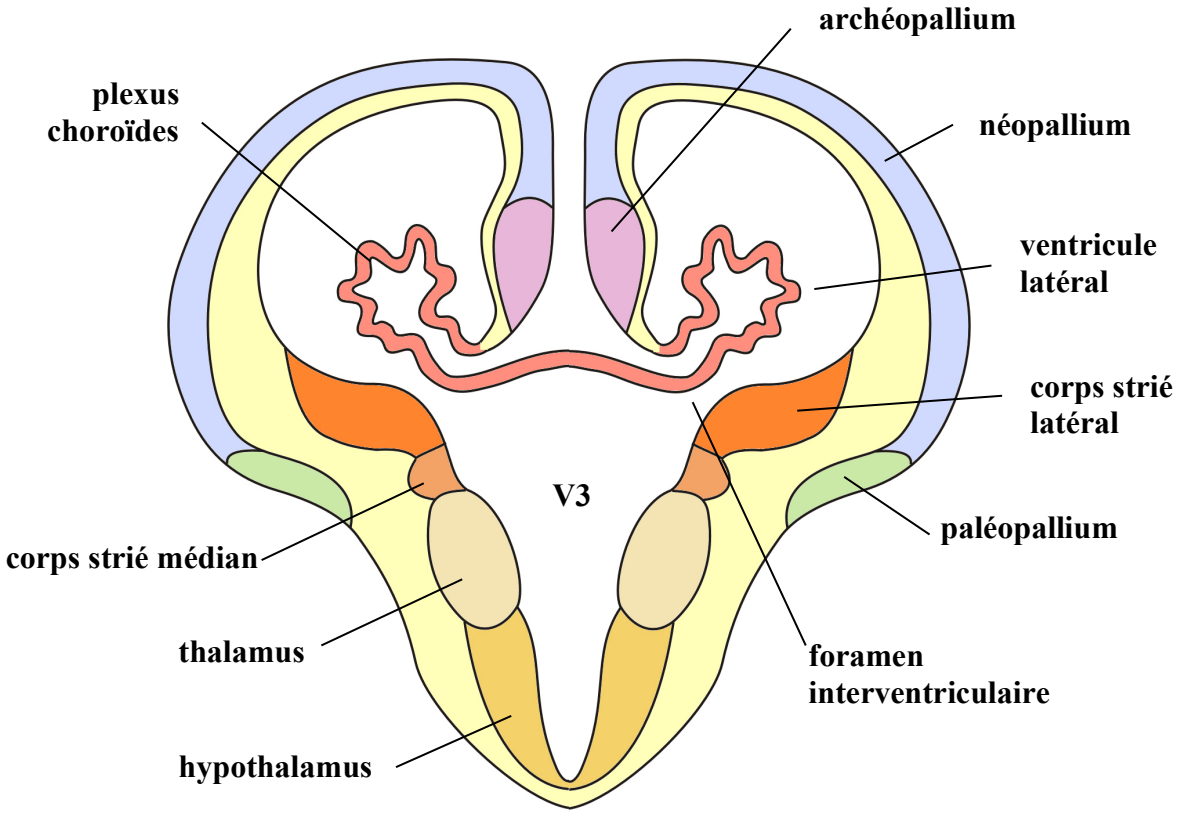


Coupe sagittale médiane

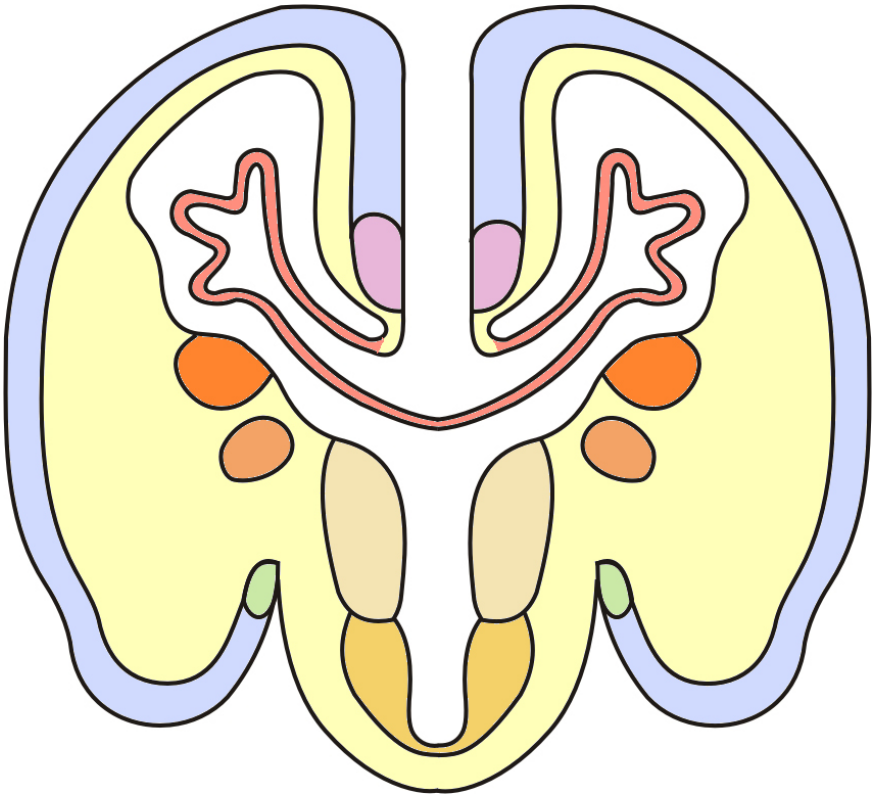


Coupe frontale

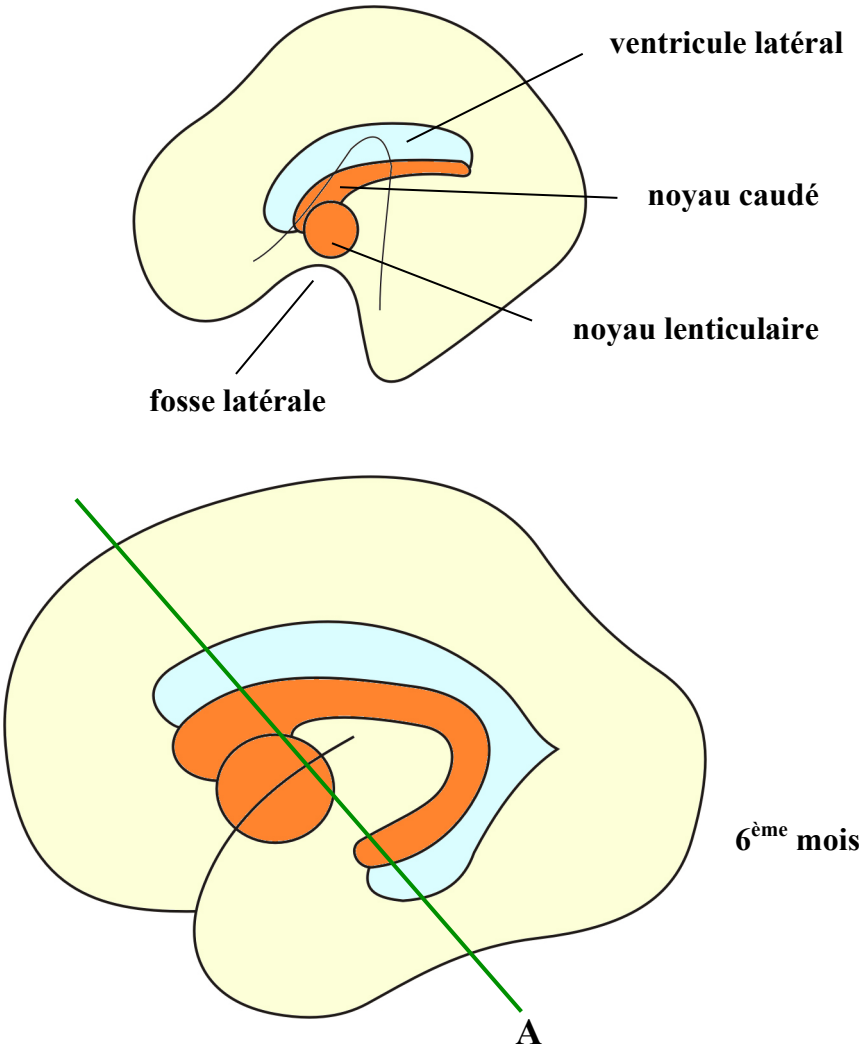
TELENCEPHALE



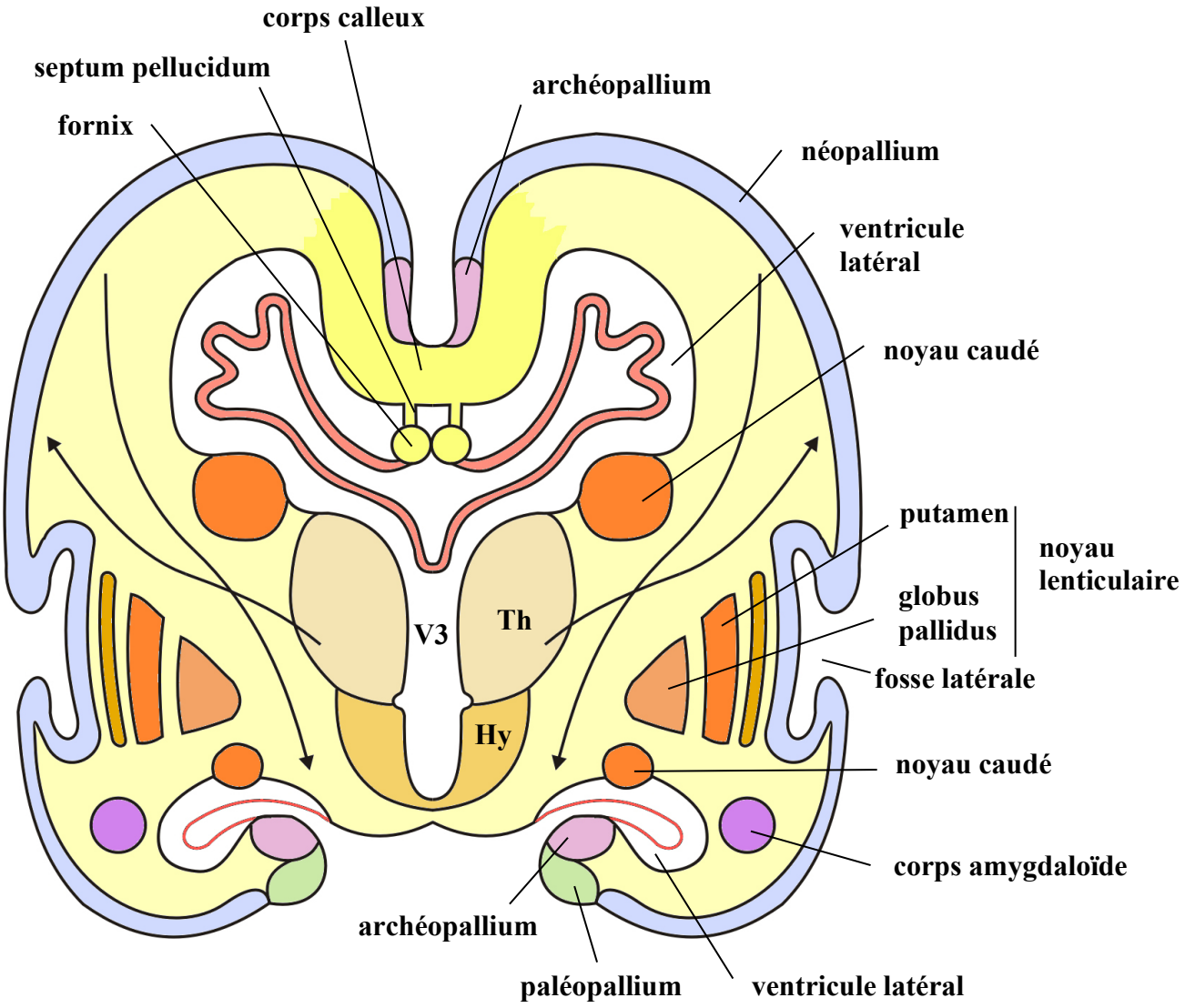
Coupe frontale avant le 2ème mois

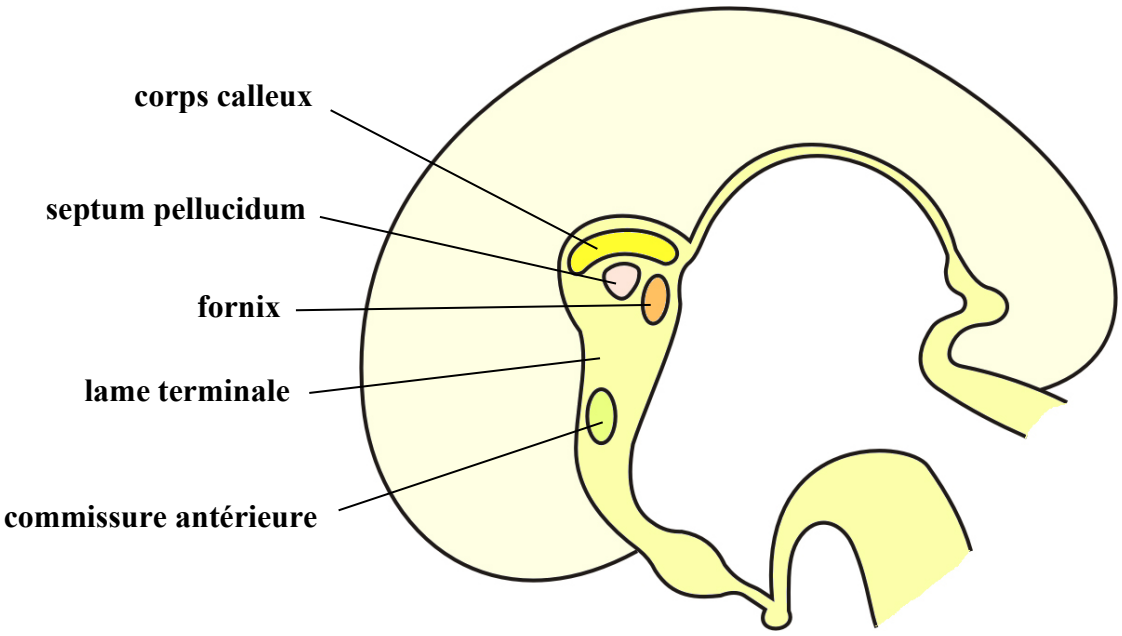


Incorporation du diencéphale dans le télencéphale



La rotation télencéphalique



Coupe frontale selon A

LES COMMISSURES