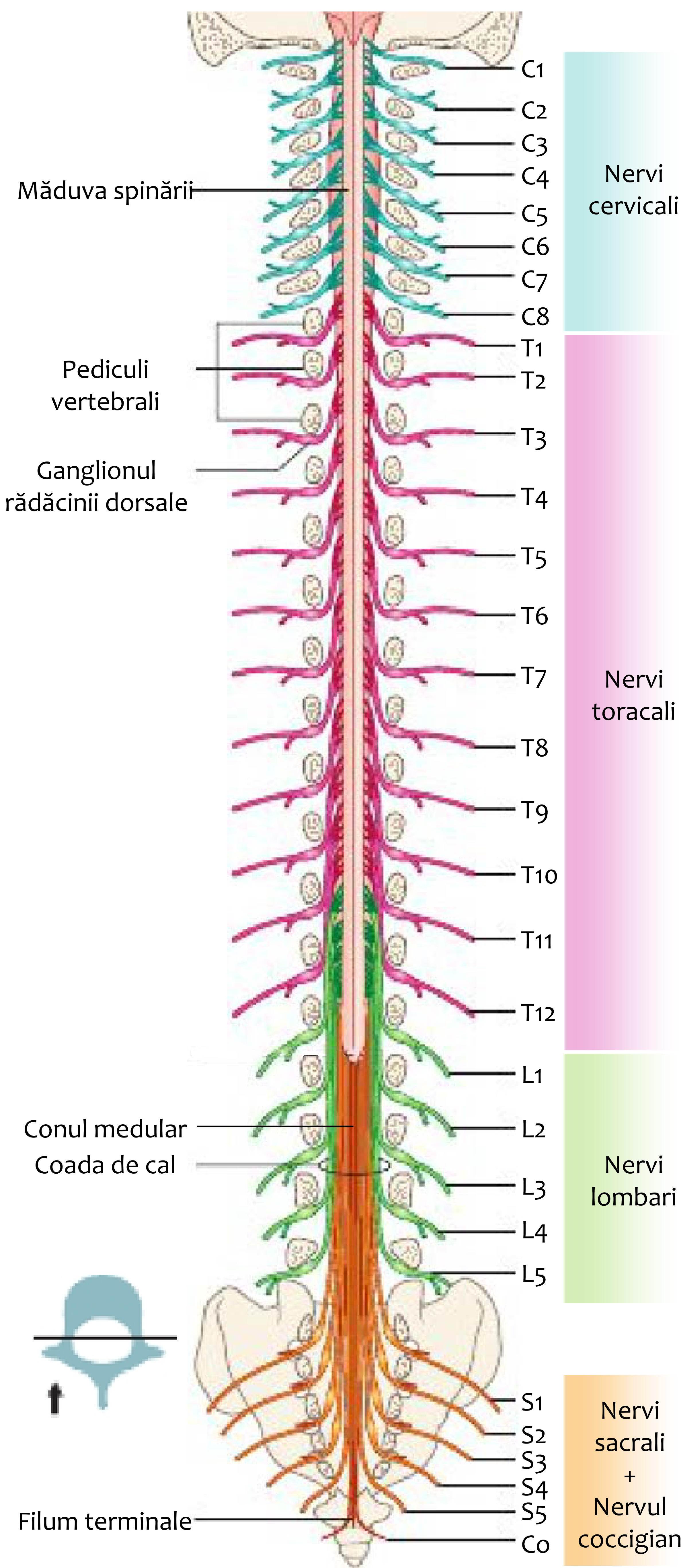
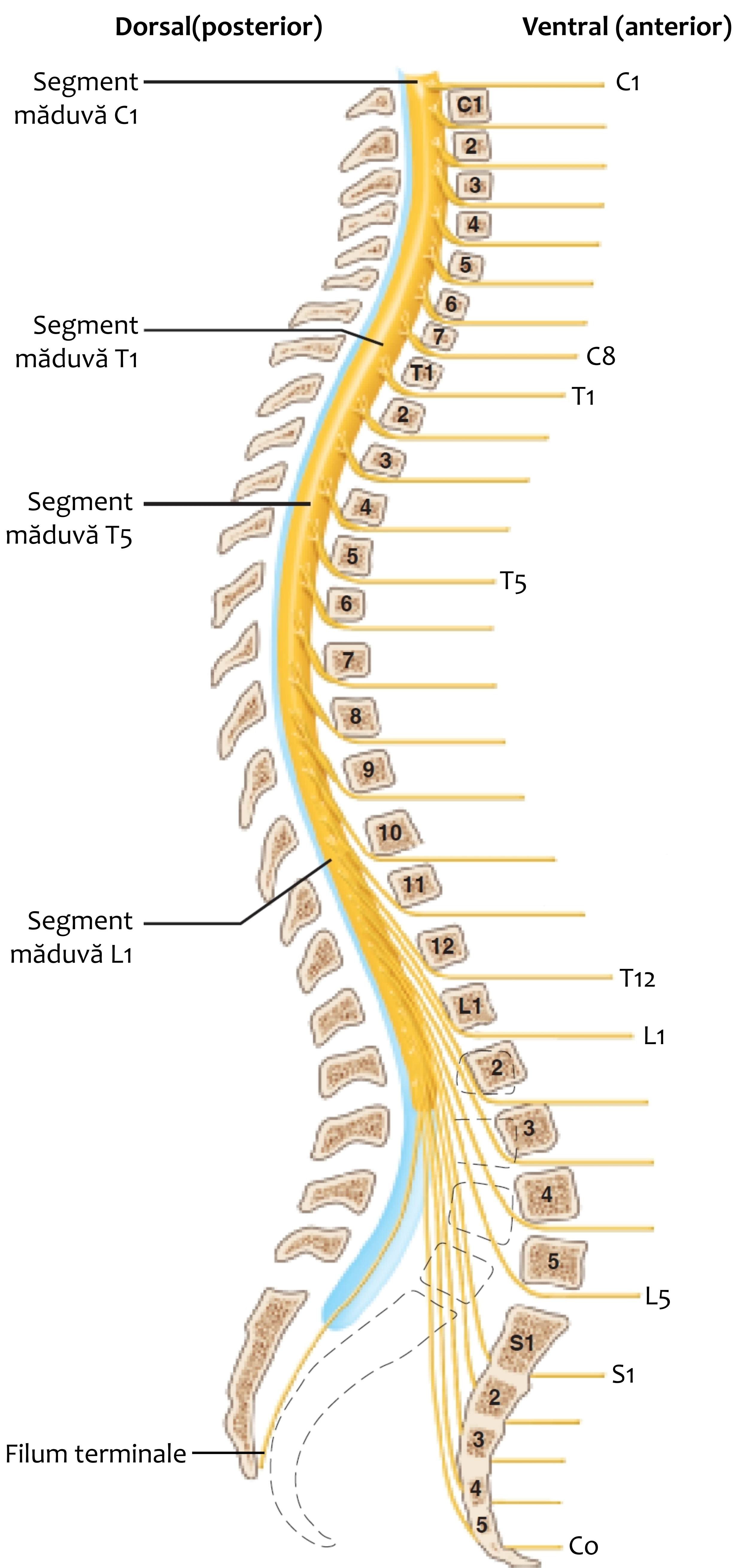
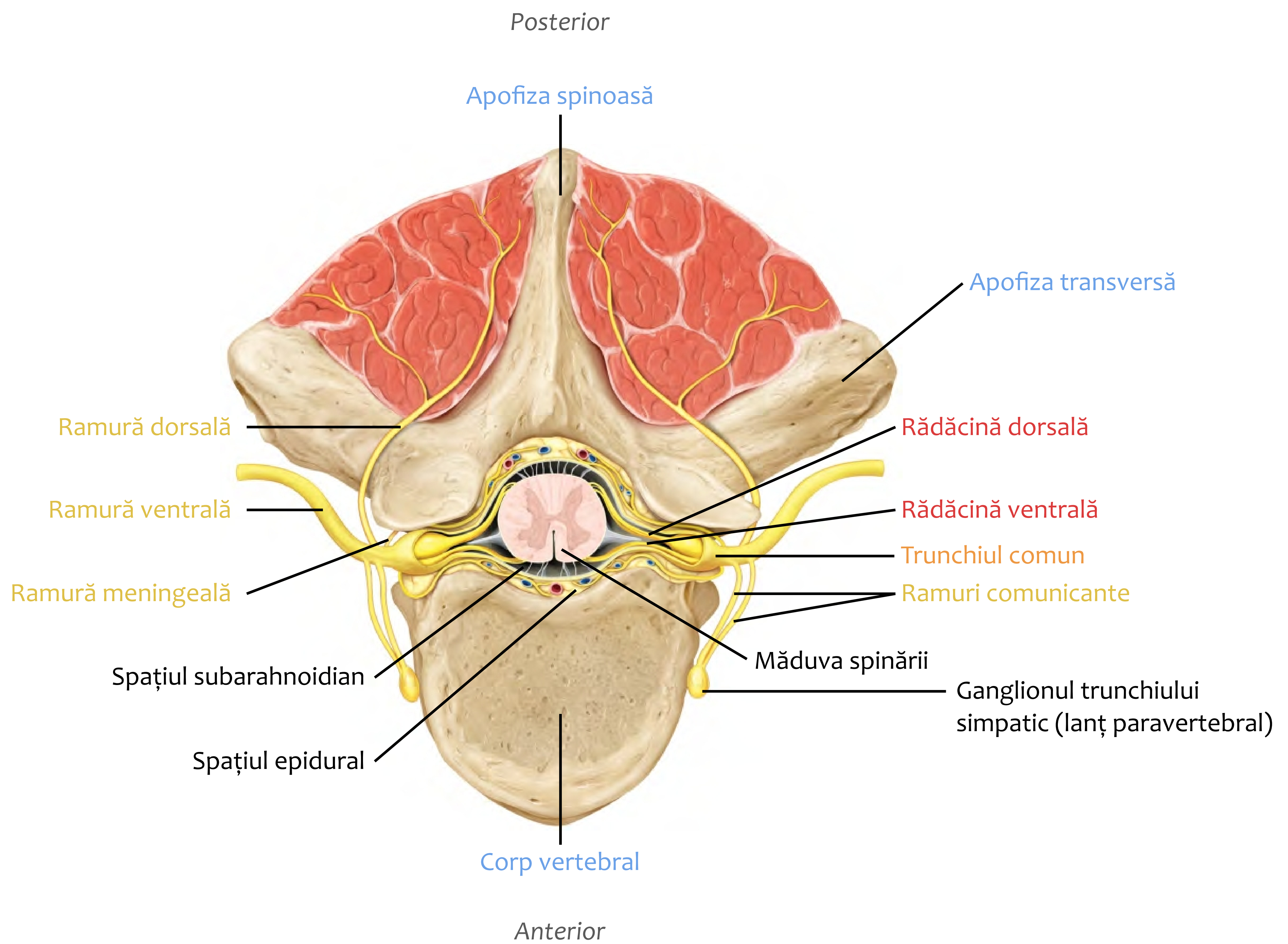


# Nervii spinali

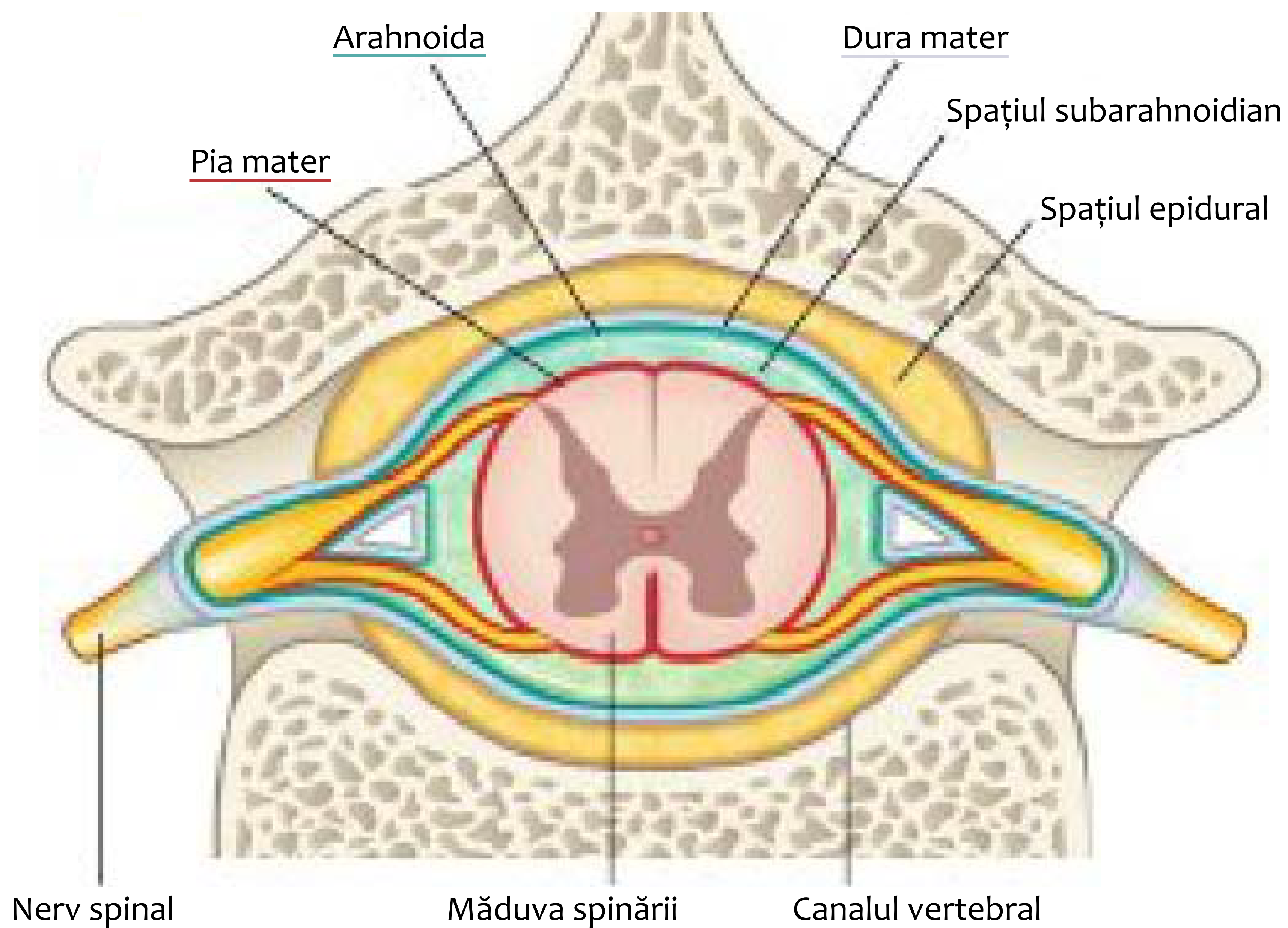




## Măduva spinării - structură

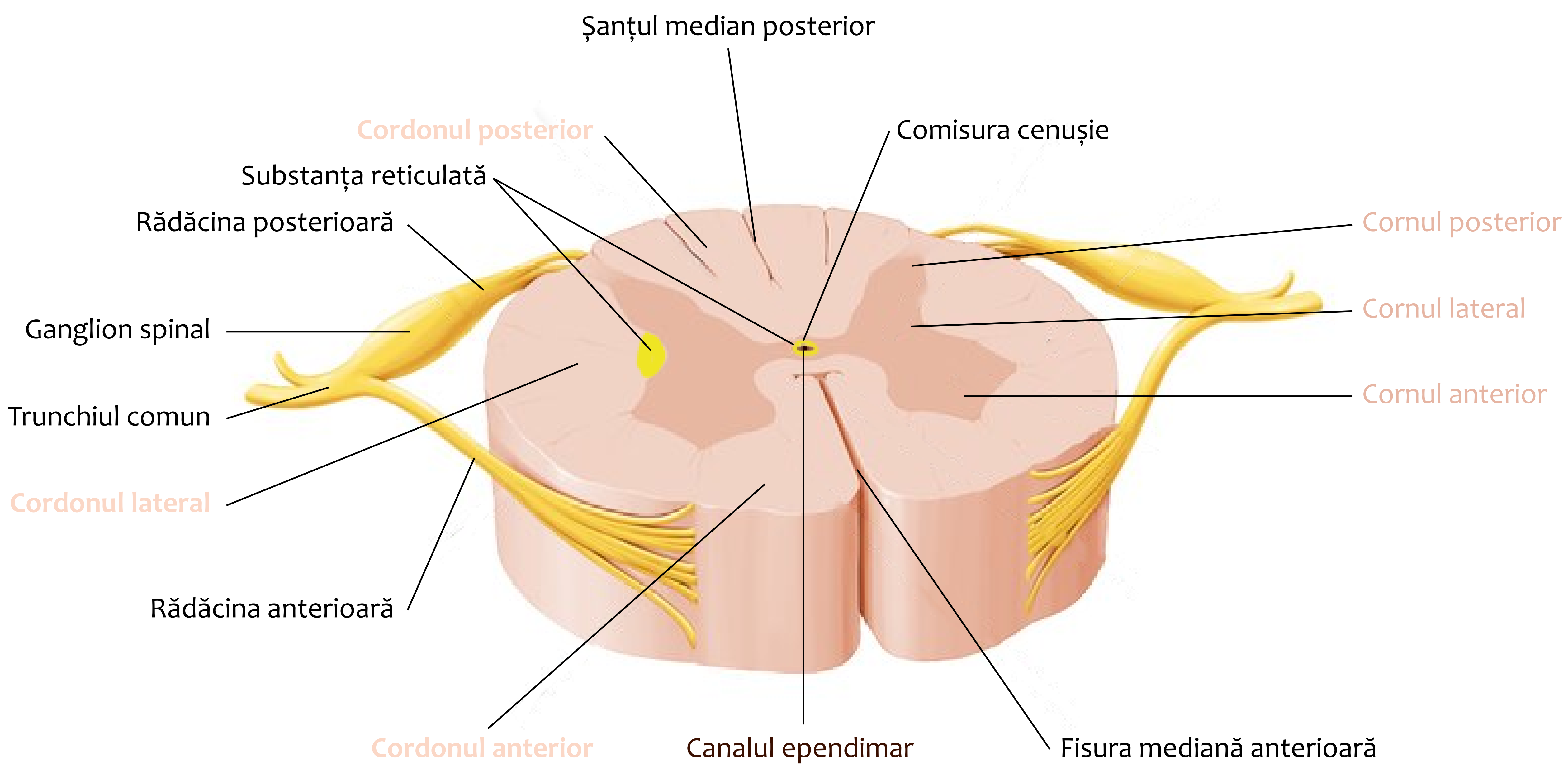


## Meningele spinale

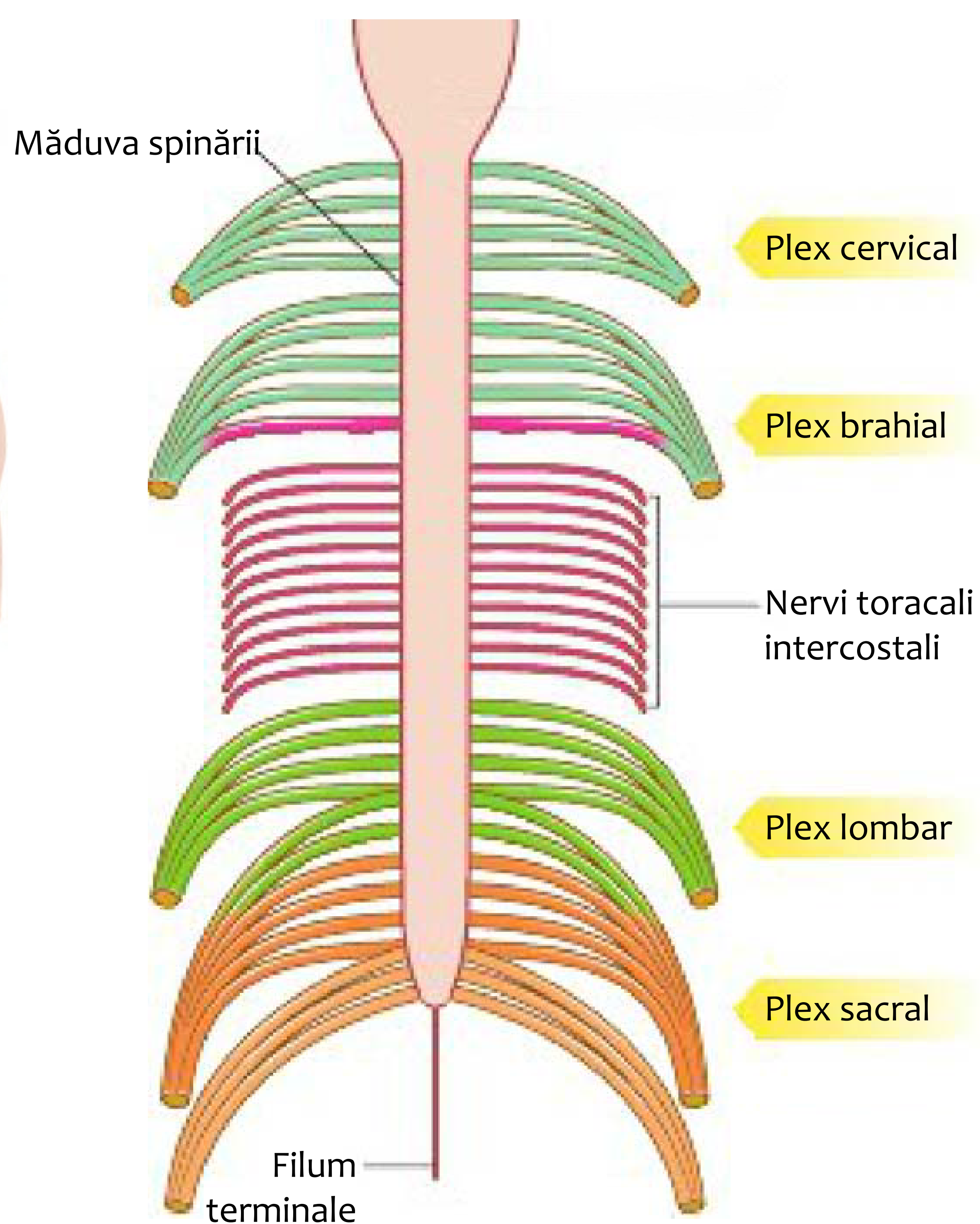
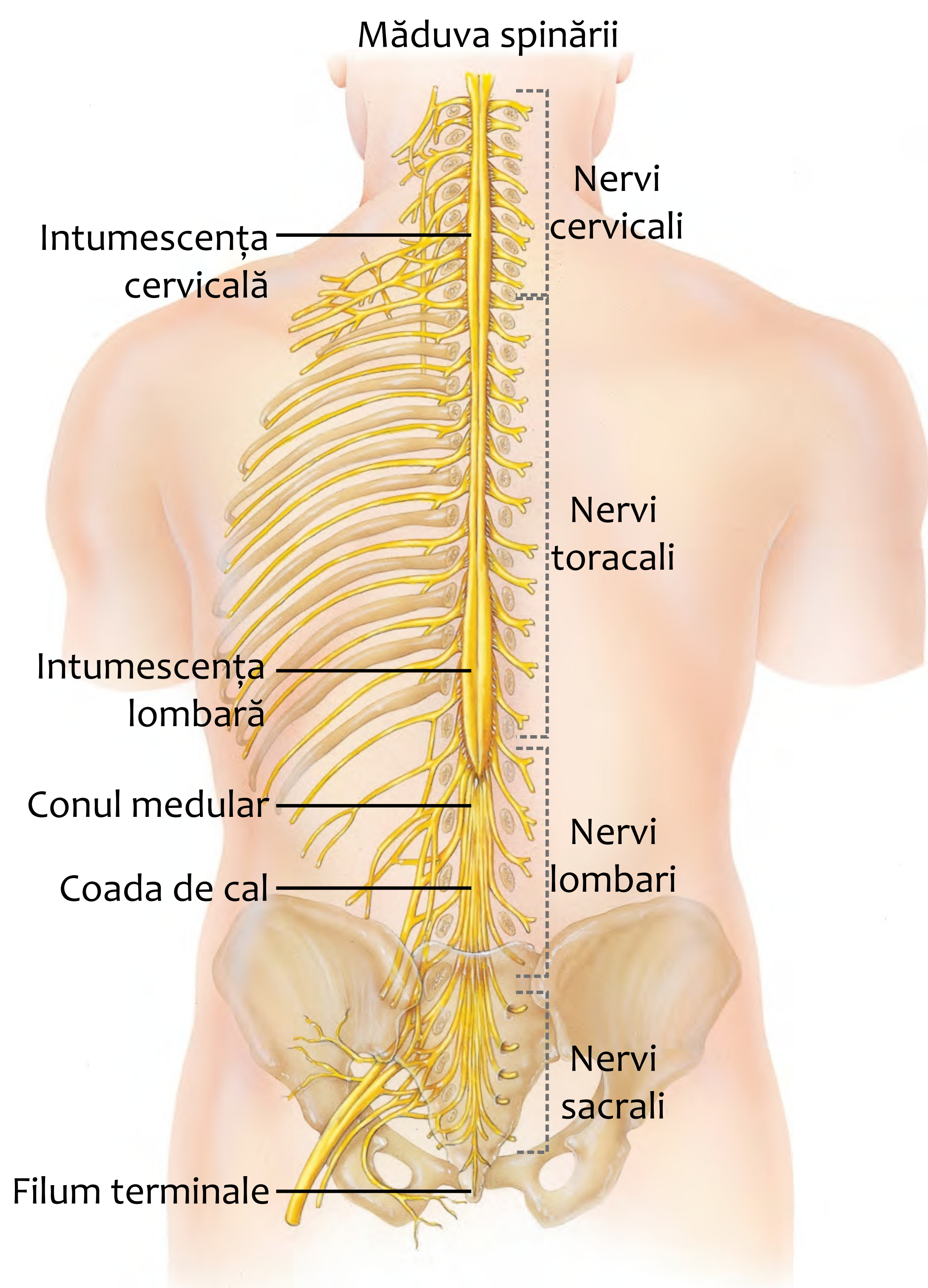




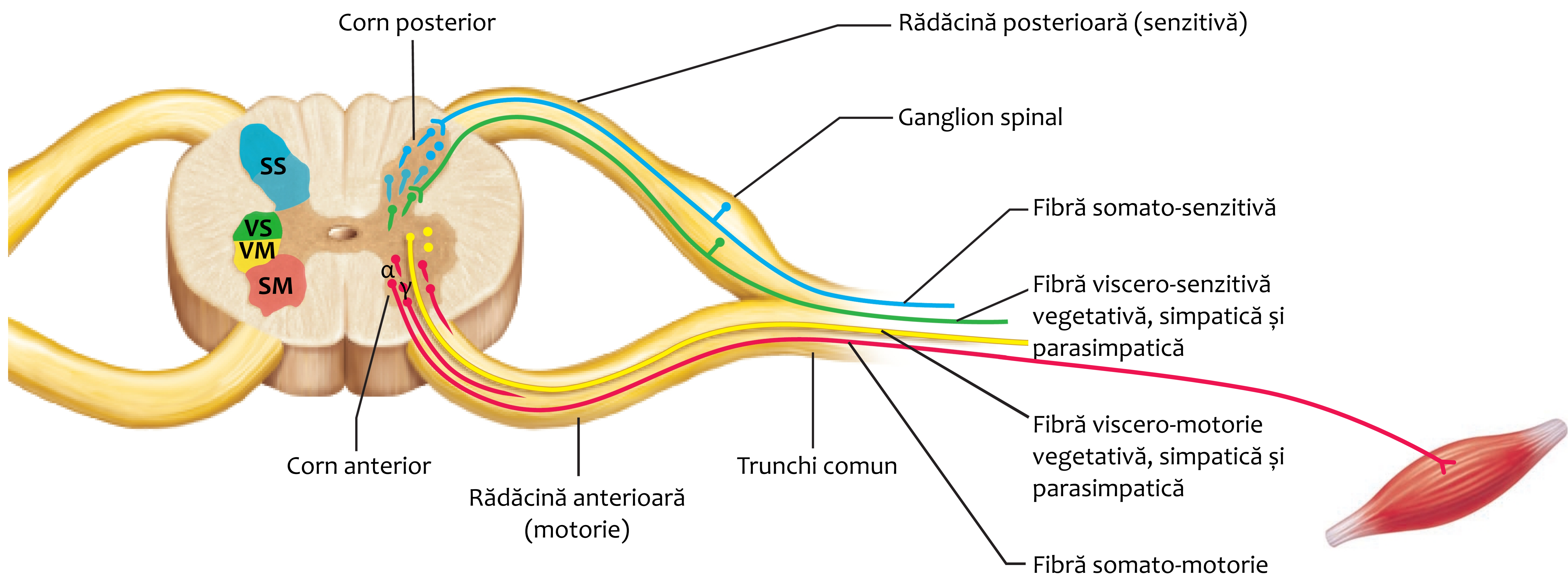
## Măduva spinării - alcătuire internă



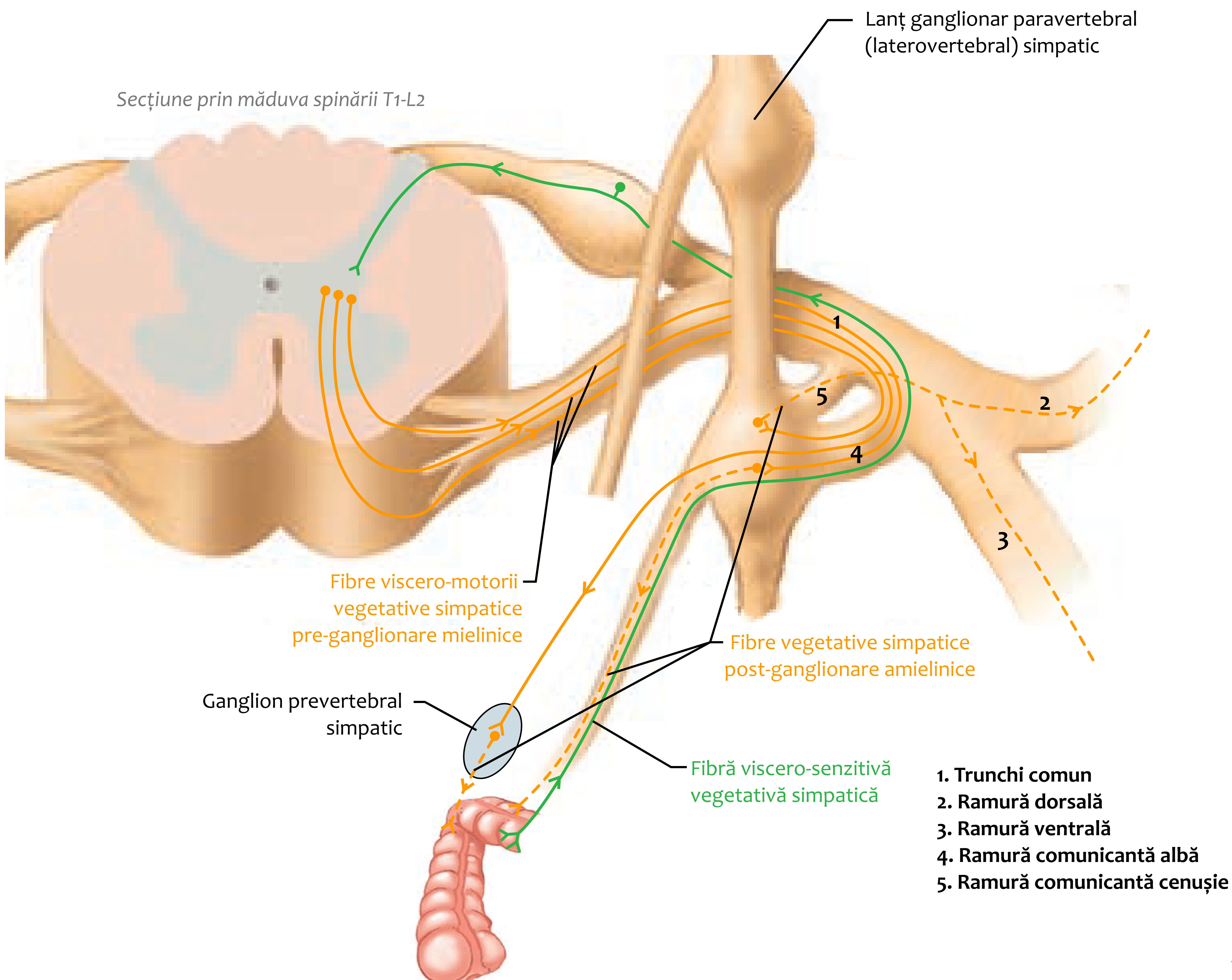
## Plexurile și nervii intercostali



## Substanța cenușie - compartimente

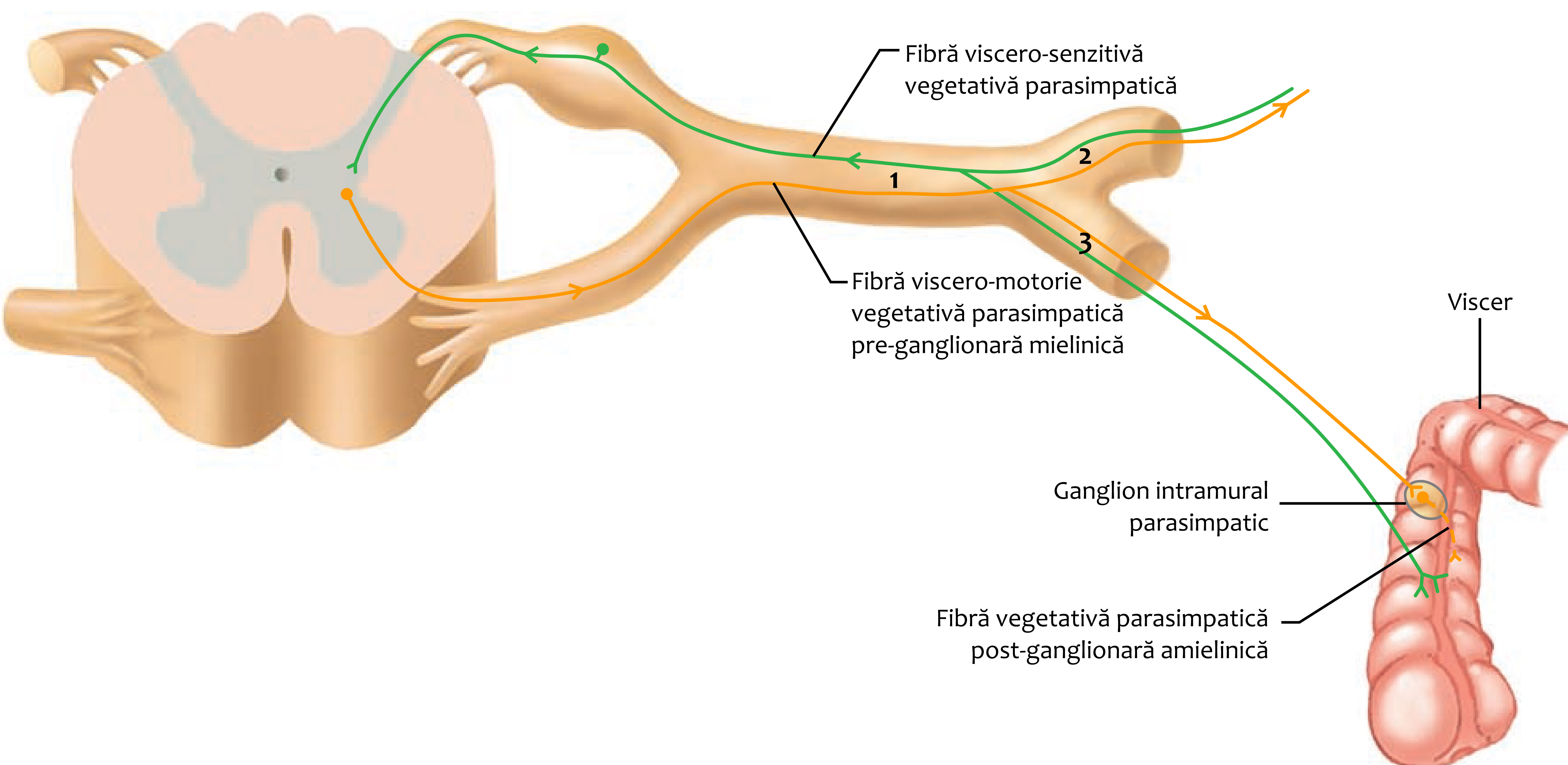


## Nervul spinal - componenta vegetativă simpatică

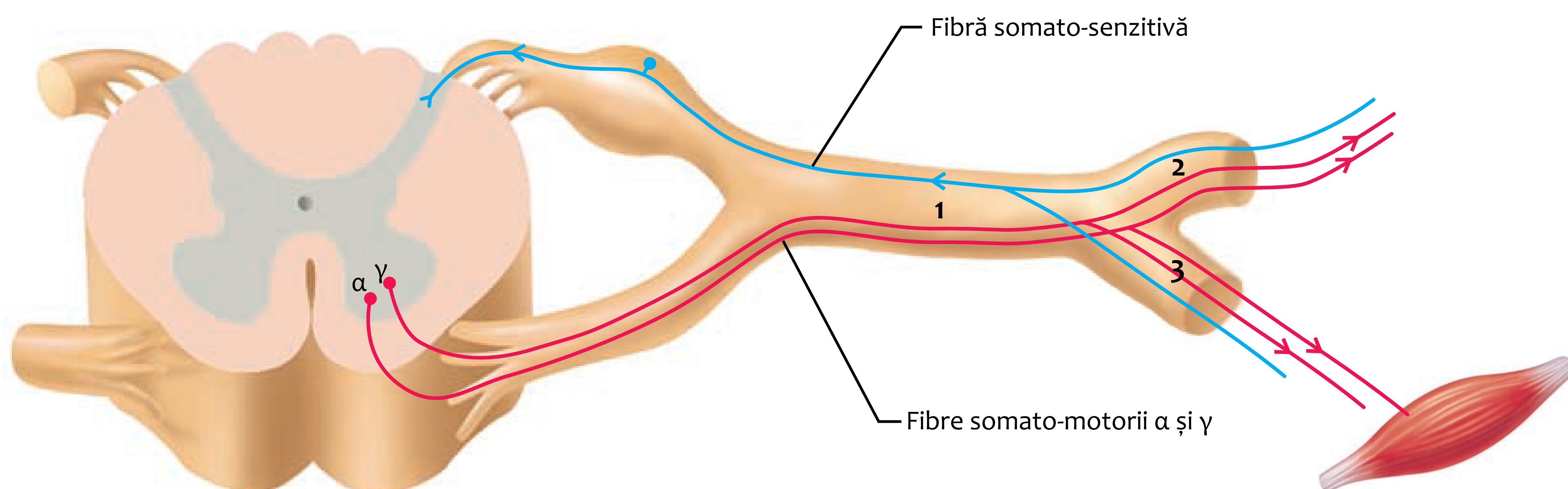


## Nervul spinal - componenta vegetativă parasimpatică

Secțiune prin măduva spinării S2-S4



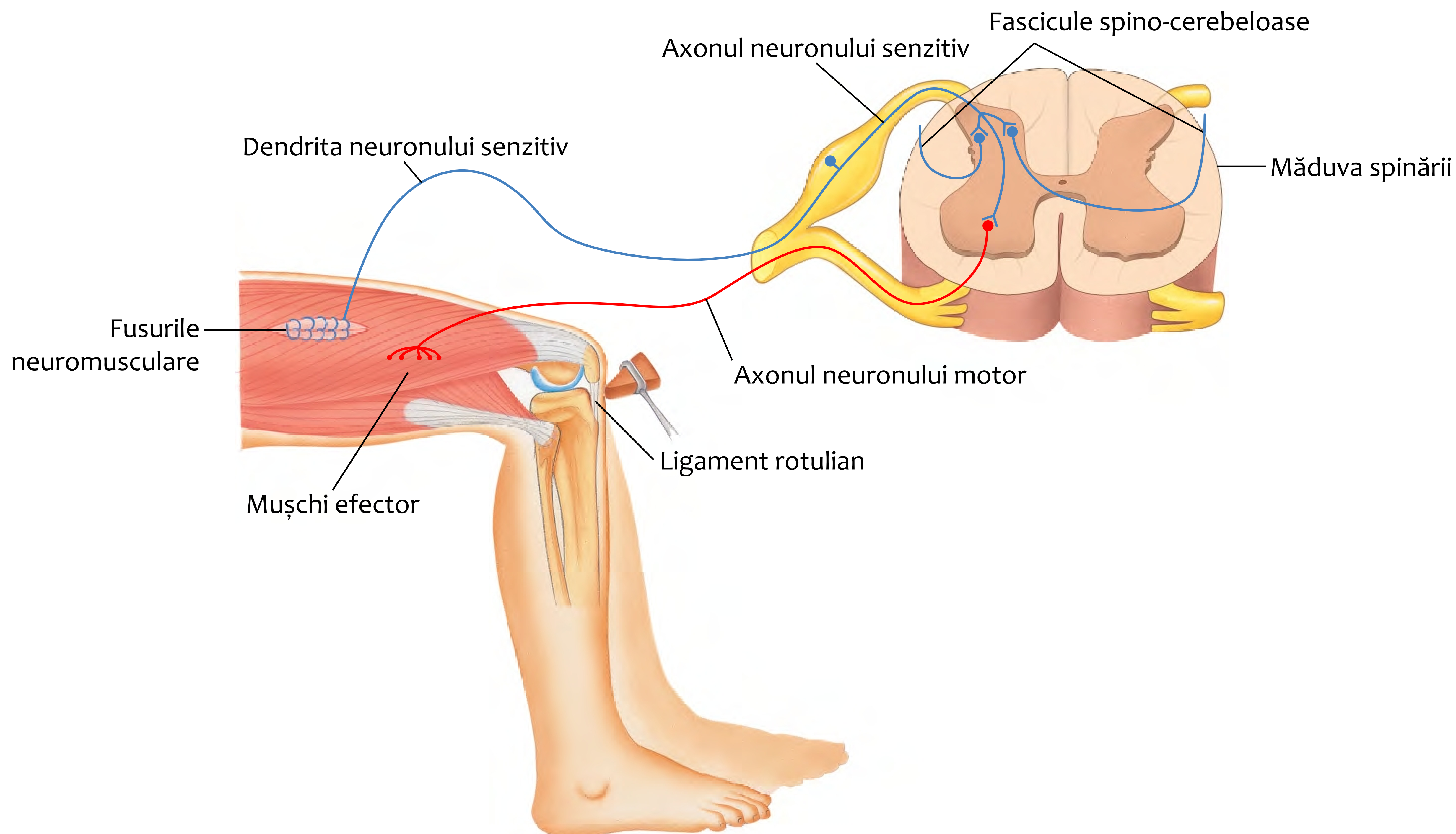
## Nervul spinal - componenta somatică



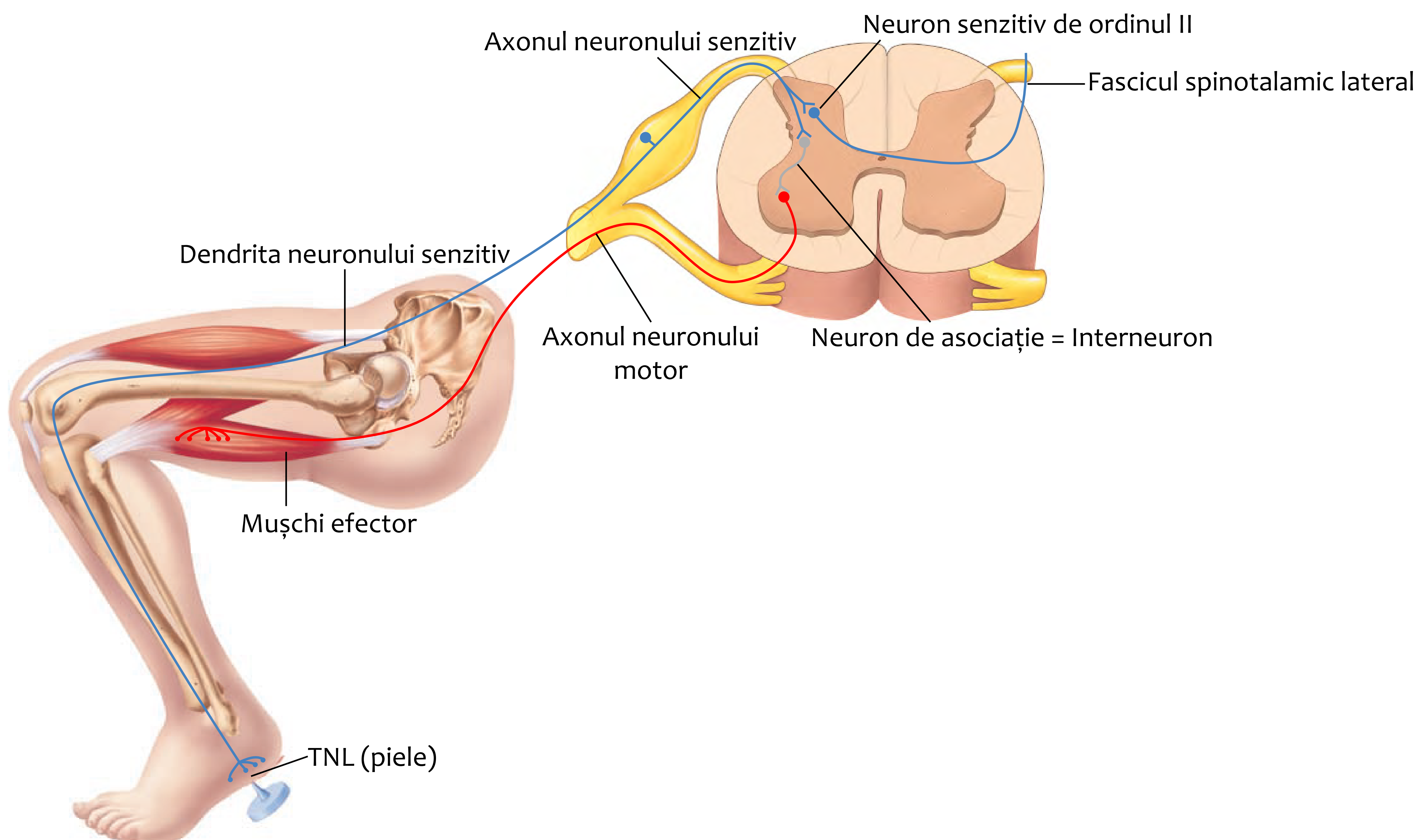
1. Trunchi comun
2. Ramură dorsală
3. Ramură ventrală



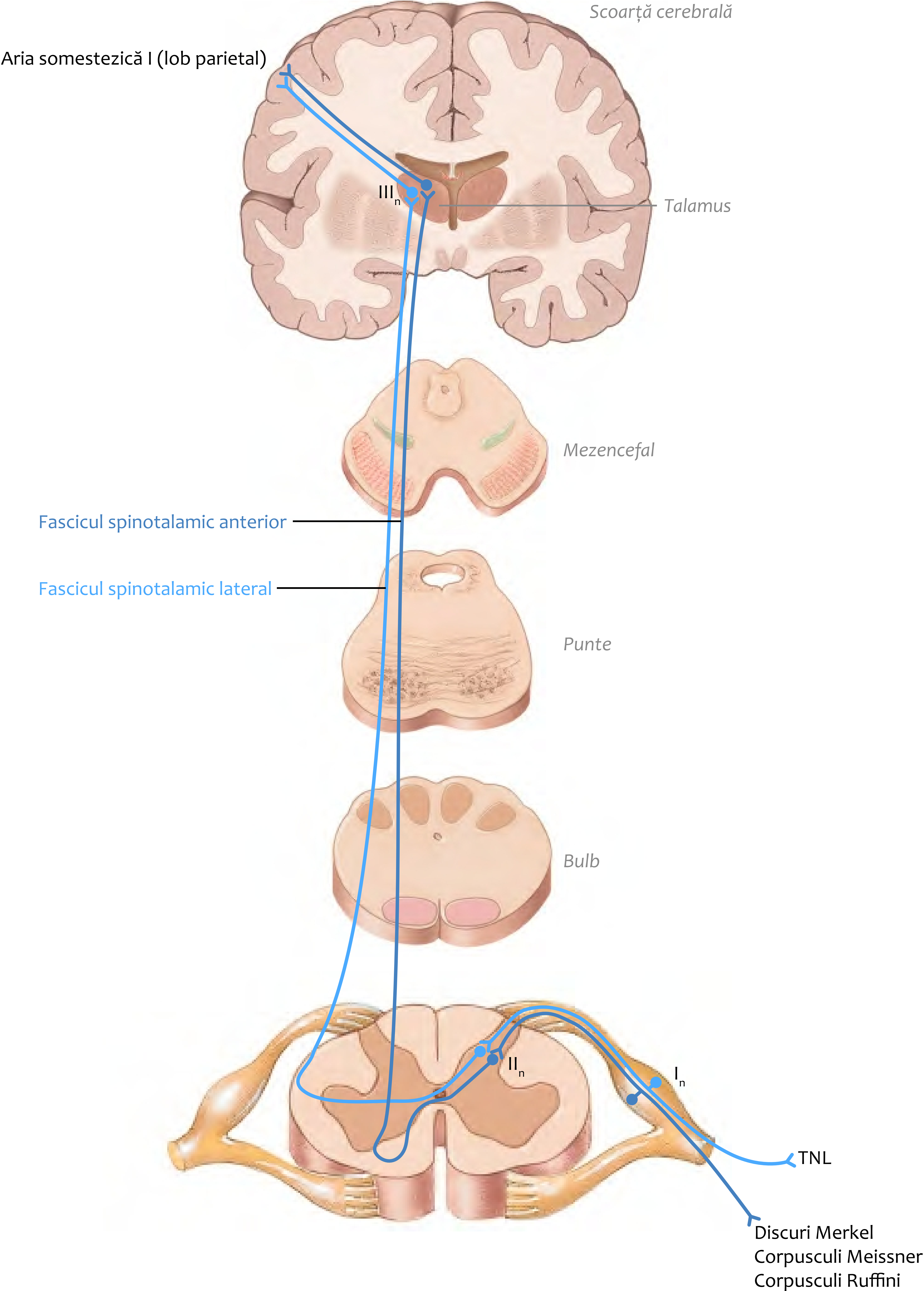
## Reflexul miotatic

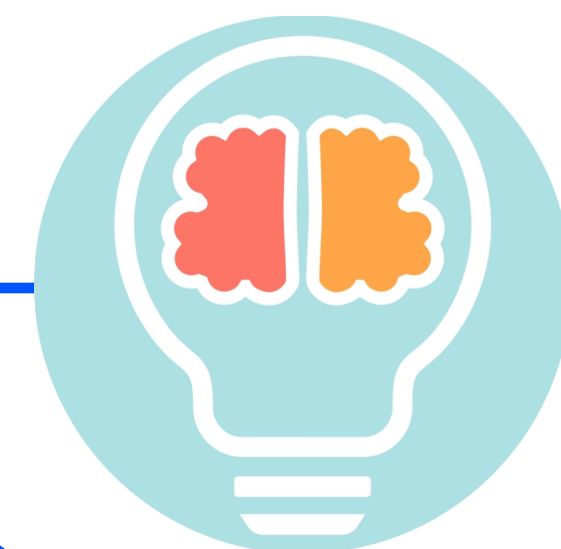


## Reflexul nociceptiv



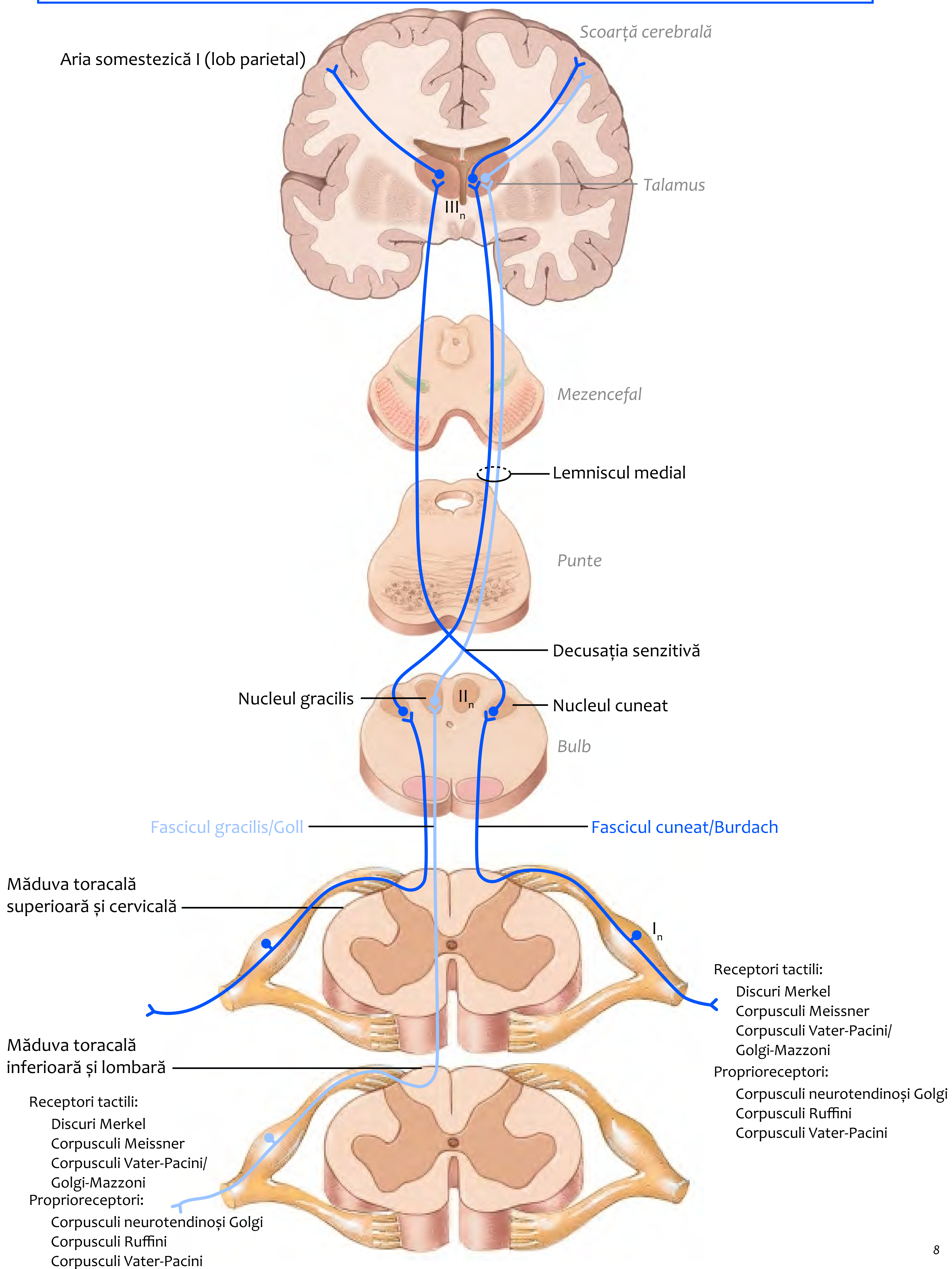
Calea sensibilității tactile grosiere (protopatice)  
Calea sensibilității termice și dureroase



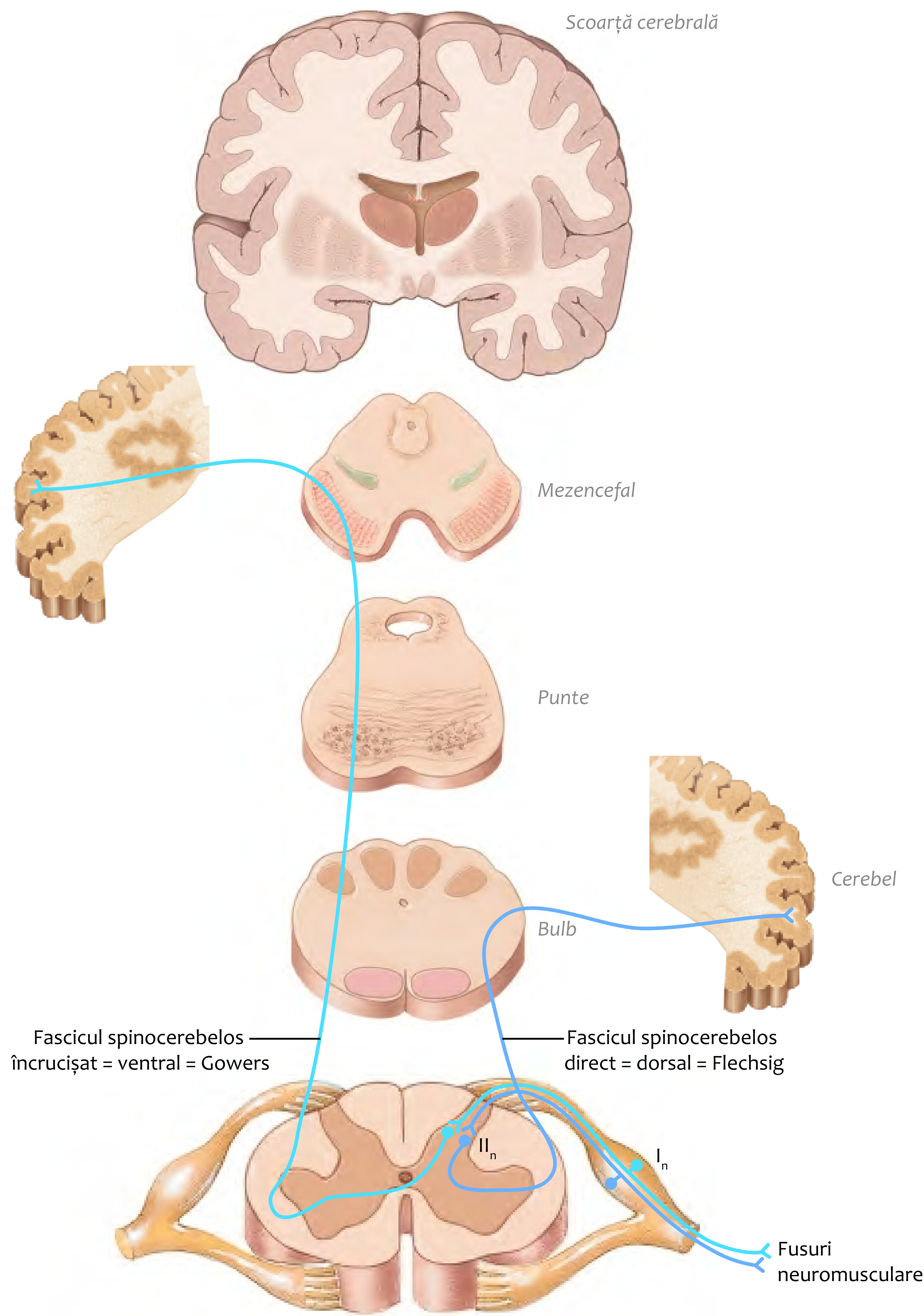


## Calea sensibilității tactile fine (epicritice)

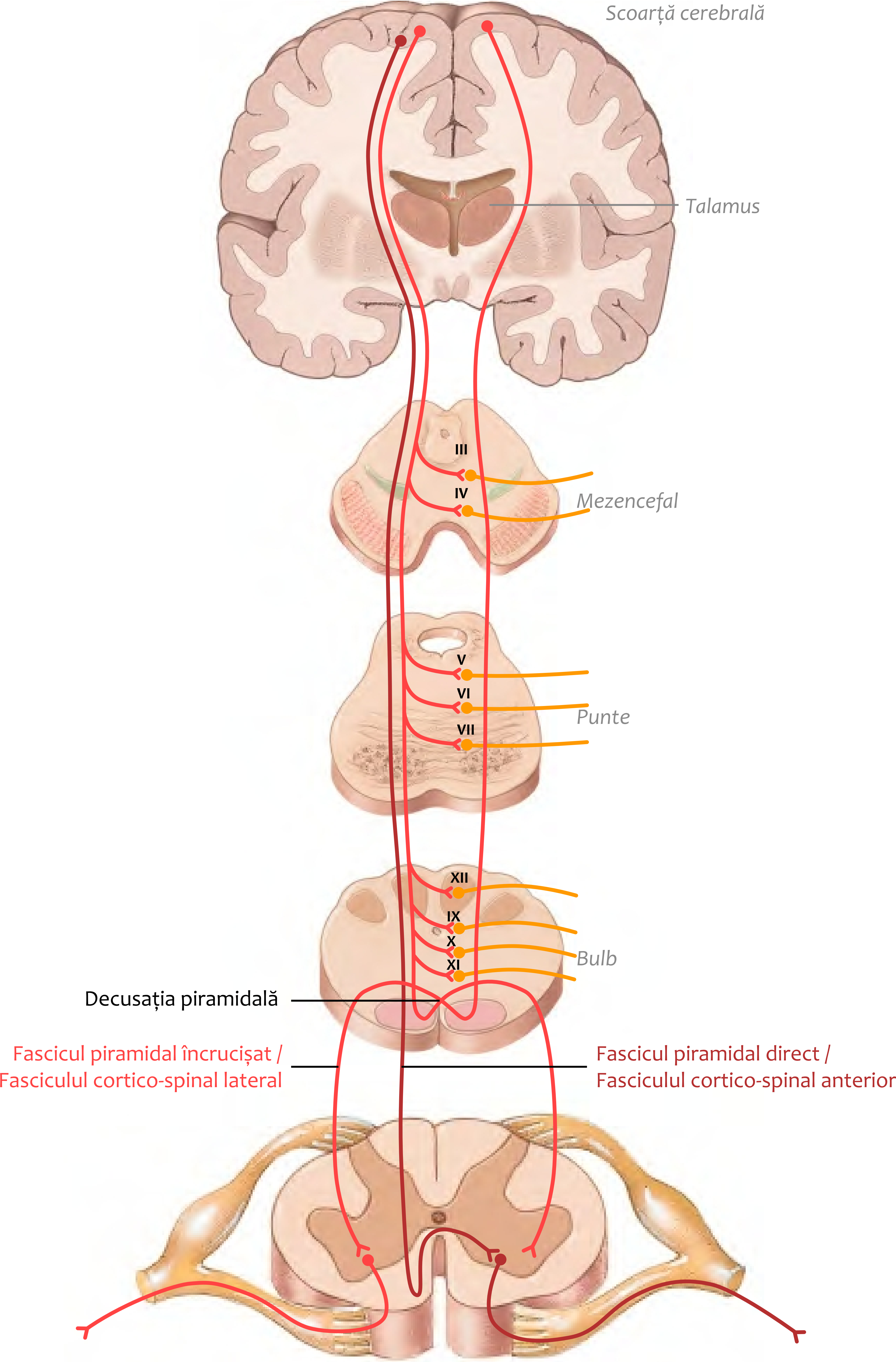
## Calea sensibilității proprioceptive conștiente (kinesteze)



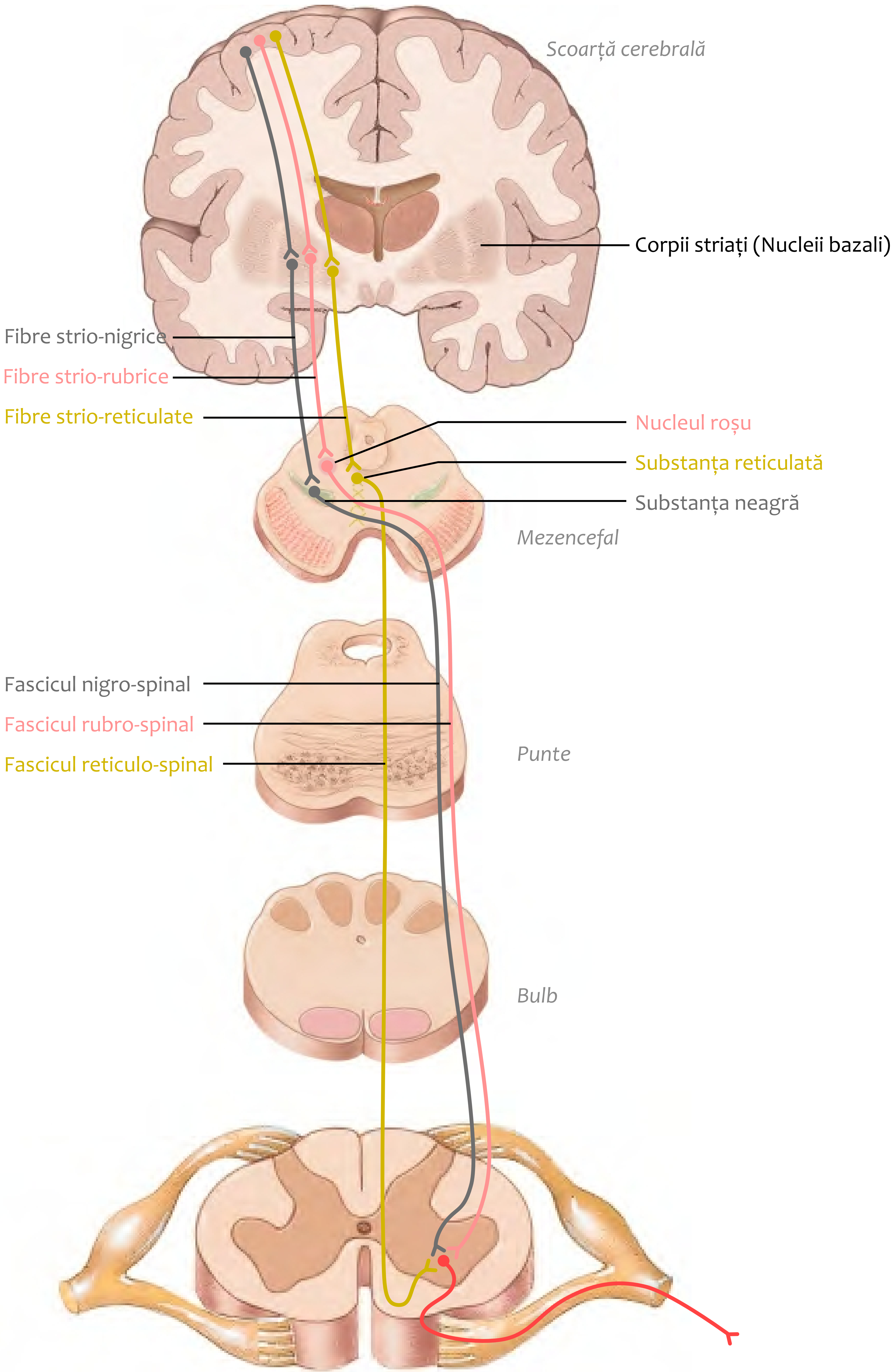
Calea sensibilității proprioceptive  
inconștiente (de control a mișcării)



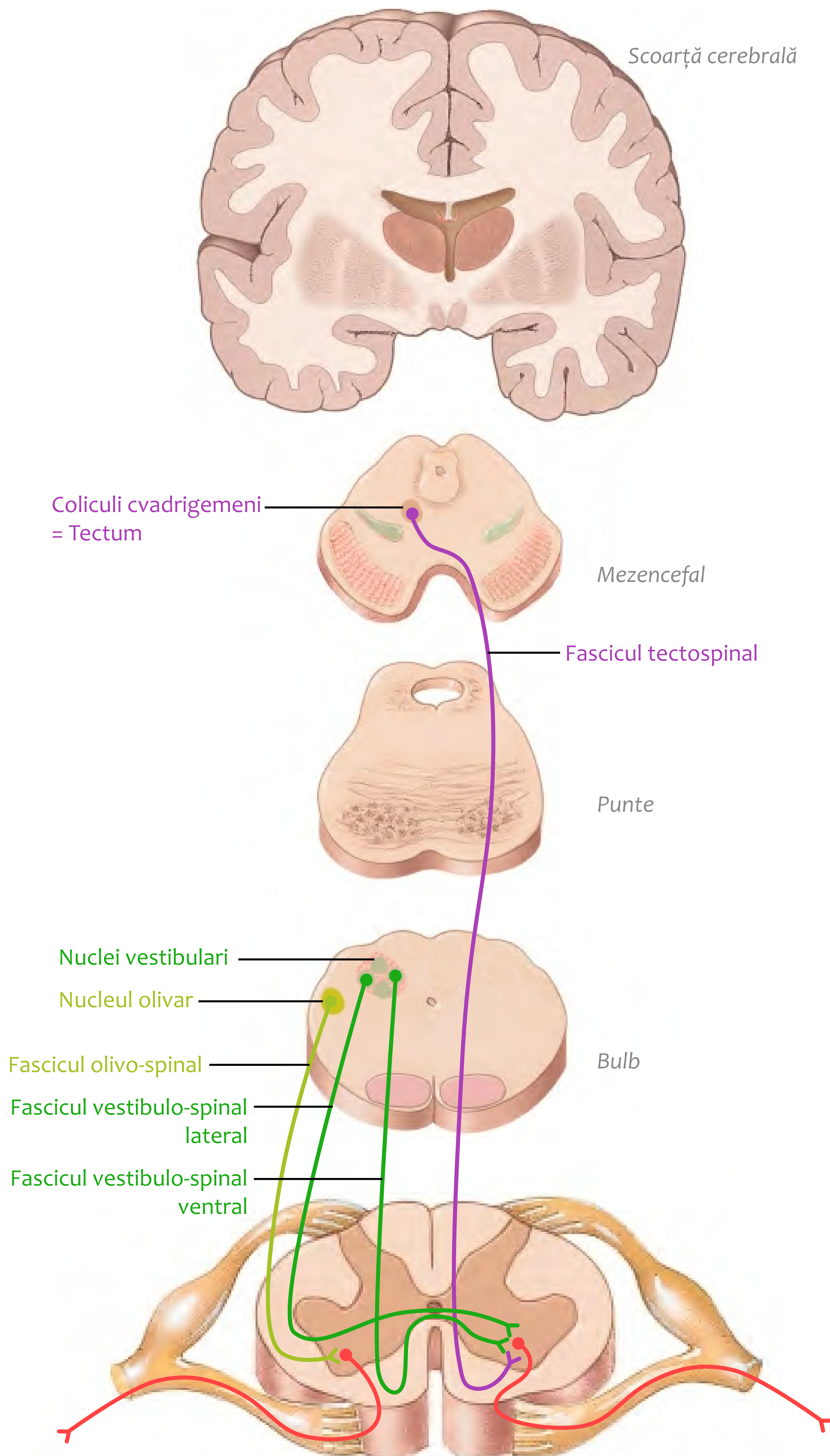
# Fasciculul piramidal



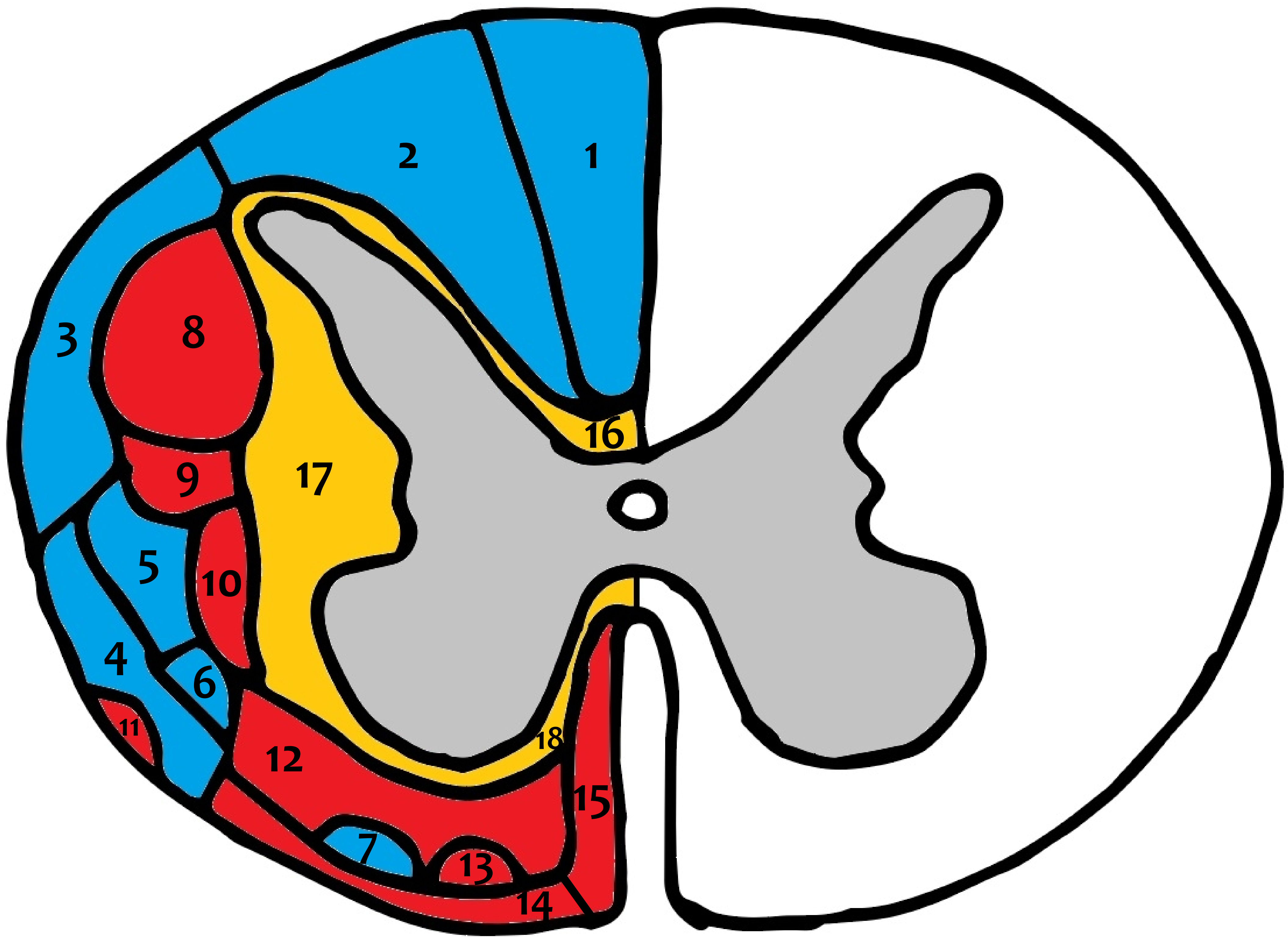
# Căi extrapiramidale corticale



## Căi extrapiramidale subcortice



## Localizarea fasciculelor în măduva spinării



1. Fasciculul gracilis = fasciculul Goll

2. Fasciculul cuneat = fasciculul Burdach

3. Fasciculul spino-cerebelos direct Flechsig

4. Fasciculul spino-cerebelos încrucișat Gowers

5. Fasciculul spino-talamic lateral

6. Fasciculul spino-tectal

7. Fasciculul spino-talamic ventral

8. Fasciculul piramidal încrucișat

9. Fasciculul rubro-spinal

10. Fasciculul vestibulo-spinal lateral

11. Fasciculul olivo-spinal

12. Fasciculul reticulo-spinal

13. Fasciculul tecto-spinal

14. Fasciculul vestibulo-spinal ventral

15. Fasciculul piramidal direct

16. Fasciculul fundamental posterior

17. Fasciculul fundamental lateral

18. Fasciculul fundamental anterior