






































































































































































































































































































































































diencephalon  PARTONOMY LIST

FMA	TA	UID	Short official Latin term	Short Spanish equivalent
<a href="#">62001</a>		5263↓	diencephalon 	diencéfalo 
		7511	morphologia externa diencephali	morfología externa del diencéfalo
<a href="#">62010</a>		5775	prethalamus (par) 	pretalámo (par) 
		9028	eminentia prethalamica (par) 	eminencia pretalámica (par) 
<a href="#">62080</a>		5774	stria medullaris prethalami  ; stria medullaris thalami  	estría medular del pretalámo  ; estría medular del talámo  
<a href="#">62007</a>		5769	thalamus (par) 	talámo (par) 
<a href="#">74867</a>		5770	tuberculum anterius thalami (par) 	tubérculo anterior del talámo (par) 
<a href="#">62178</a>		5772	pulvinar (par) 	pulvinar (par) 
<a href="#">62023</a>		5776	metathalamus (par) 	metatalámo (par) 
<a href="#">62209</a>		5777	corpus geniculatum laterale (par) 	cuerpo geniculado lateral (par) 
<a href="#">62211</a>		5778	corpus geniculatum mediale (par) 	cuerpo geniculado medial (par) 
<a href="#">62009</a>		5765	epithalamus 	epitalámo 
<a href="#">62032</a>		5766	habenula (par) 	habénula (par) 
<a href="#">62048</a>		5792	commissura habenulae  	comisura habénular  
<a href="#">78466</a>		5767	sulcus habenulae (par)  ; sulcus habenularis (par) 	surco de la habénula (par) 
<a href="#">74868</a>		5768	trigonum habenulare (par)	trígono de la habénula (par) 
<a href="#">62033</a>		3543	glandula pinealis  ; corpus pineale  	glándula pineal  ; cuerpo pineal  
		9185	pretectum 	pretectum 
<a href="#">62072</a>		5794	commissura posterior  	comisura posterior  
		7512	morphologia interna diencephali	morfología interna del diencéfalo
<a href="#">83917</a>		9033	substantia grisea prethalami 	sustancia gris del pretalámo 
<a href="#">62026</a>		5849	nucleus reticularis prethalami (par)  ; nucleus reticularis thalami (par) 	núcleo reticulato del pretalámo (par)  ; núcleo reticulato del talámo (par) 
<a href="#">62215</a>		5904	nucleus ventralis corporis geniculati lateralis (par)  ; nucleus pregeniculatus (par) 	núcleo ventral del cuerpo geniculado lateral (par)  ; núcleo pregeniculado (par) 
		5894	nuclei campi perizonalis (par) 	núcleos del campo perizonal (par) 
<a href="#">62037</a>		5895	nucleus campi medialis (par) 	núcleo del campo medial (par) 
<a href="#">77526</a>		5896	nucleus campi dorsalis (par) 	núcleo del campo dorsal (par) 
		5897	nucleus campi ventralis (par) 	núcleo del campo ventral (par) 
<a href="#">62038</a>		5898	zona incerta (par) 	zona incerta (par)
		6304	cellulae dopaminergicae zonae incerti (par)  ; cellulae dopaminergicae A13 (par) 	células dopaminérgicas de la zona incerta (par)  ; células dopaminérgicas A13s (par) 
<a href="#">83914</a>		5813↓	substantia grisea thalami (par) 	sustancia gris del talámo (par) 
		5814	nuclei anteriores thalami (par)  ; regio anterior thalami (par)	núcleos anteriores del talámo (par)  ; región anterior del talámo (par)
<a href="#">62141</a>		5815	nucleus anterodorsalis (par) 	núcleo anterodorsal (par) 
<a href="#">62142</a>		5816	nucleus anteromedialis (par) 	núcleo anteromedial (par) 
<a href="#">62143</a>		5817	nucleus anteroventralis (par) 	núcleo anteroventral (par) 
<a href="#">62176</a>		5819	nucleus dorsalis lateralis (par) 	núcleo dorsal lateral (par) 
		5832	nuclei mediales thalami (par)  ; regio medialis thalami (par)	núcleos mediales del talámo (par)  ; región medial del talámo (par)
<a href="#">62156</a>		5833	nucleus mediodorsalis (par) 	núcleo mediodorsal (par) 
<a href="#">62162</a>		5834	pars parvocellularis (par)  ; nucleus lateralis (par) 	porción parvocelular (par)  ; núcleo lateral (par) 
<a href="#">62161</a>		5835	pars magnocellularis (par)  ; nucleus 	porción magnocelular (par)  ; núcleo 

		medialis (par)	medial (par)
<a href="#">62160</a>		5836 pars paralaminares (par) <sup>U</sup>	porción paraláminar (par) <sup>U</sup>
		5826 nuclei intralaminares thalami (par) <sup>U</sup>	núcleos intraláminares del talámo (par) <sup>U</sup>
		8628 nuclei intralaminares anteriores (par) <sup>U</sup>	núcleos intraláminares anteriores (par) <sup>U</sup>
<a href="#">62171</a>		5828 nucleus centralis medialis (par) <sup>U</sup>	núcleo central medial (par) <sup>U</sup>
<a href="#">62172</a>		5830 nucleus paracentralis (par) <sup>U</sup>	núcleo paracentral (par) <sup>U</sup>
<a href="#">62170</a>		5827 nucleus centralis lateralis (par) <sup>U</sup>	núcleo central lateral (par) <sup>U</sup>
		12224 nucleus cucullaris (par) <sup>U</sup>	núcleo cucular (par) <sup>U</sup>
		8629 nuclei intralaminares centrales (par) <sup>U</sup>	núcleos intraláminares centrales (par) <sup>U</sup>
<a href="#">62165</a>		5829 nucleus centromedianus (par) <sup>U</sup>	núcleo centromediano (par) <sup>U</sup>
<a href="#">62166</a>		5831 nucleus parafascicularis (par) <sup>U</sup>	núcleo parafascicular (par) <sup>U</sup>
		8630 nucleus subparafascicularis (par) <sup>U</sup>	núcleo subparafascicular (par) <sup>U</sup>
		8631 nuclei intralaminares posteriores (par) <sup>U</sup>	núcleos intraláminares posteriores (par) <sup>U</sup>
<a href="#">62220</a>		5846 nucleus limitans (par) <sup>U</sup>	núcleo limitans (par)
<a href="#">62222</a>		5848 nucleus suprageniculatus (par) <sup>U</sup>	núcleo suprageniculado (par) <sup>U</sup>
		5850 nuclei laterales thalami (par) <sup>U</sup> ; regio ventralis thalami (par)	núcleos laterales del talámo (par) <sup>U</sup> ; región ventral del talámo (par)
<a href="#">62184</a>		5863 nucleus ventralis anterior (par) <sup>U</sup>	núcleo ventral anterior (par) <sup>U</sup>
		5864 pars magnocellularis (par) <sup>U</sup>	porción magnocelular (par) <sup>U</sup>
		5865 pars principalis (par) <sup>U</sup>	porción principal (par) <sup>U</sup>
		5860 nuclei ventrales laterales (par) <sup>U</sup>	núcleos ventrales laterales (par) <sup>U</sup>
		5861 nucleus ventrolateralis anterior (par) <sup>U</sup>	núcleo ventrolateral anterior (par) <sup>U</sup>
		5862 nucleus ventrolateralis posterior (par) <sup>U</sup>	núcleo ventrolateral posterior (par) <sup>U</sup>
		5855 nuclei ventrales mediales (par) <sup>U</sup>	núcleos ventrales mediales (par) <sup>U</sup>
		5856 nucleus ventromedialis basalis (par) <sup>U</sup>	núcleo ventromedial basal (par) <sup>U</sup>
		5857 nucleus ventromedialis principalis (par) <sup>U</sup>	núcleo ventromedial principal (par) <sup>U</sup>
		5858 nucleus submedialis (par) <sup>U</sup>	núcleo submedial (par) <sup>U</sup>
		8632↓ nucleus ventromedialis posterior (par) <sup>U</sup>	núcleo ventromedial posterior (par) <sup>U</sup>
		5851 nuclei ventrobasales (par) <sup>U</sup>	núcleos ventrobasales (par) <sup>U</sup>
<a href="#">84350</a>		5852 nucleus ventralis posterolateralis (par) <sup>U</sup>	núcleo ventral posterolateral (par) <sup>U</sup>
		9026 pars anterior (par) <sup>U</sup>	porción anterior (par) <sup>U</sup>
		9029 pars posterior (par) <sup>U</sup>	porción posterior (par) <sup>U</sup>
<a href="#">62202</a>		5853 nucleus ventralis posteromedialis (par) <sup>U</sup>	núcleo ventral posteromedial (par) <sup>U</sup>
<a href="#">62207</a>		5854 pars parvocellularis (par) <sup>U</sup>	porción parvocelular (par) <sup>U</sup>
<a href="#">62199</a>		5859 nucleus ventralis posteroinferior (par) <sup>U</sup>	núcleo ventral posteroinferior (par) <sup>U</sup>
		5838 nuclei periventriculares thalami (par) <sup>U</sup>	núcleos periventriculares del talámo (par) <sup>U</sup>
<a href="#">62151</a>		5839 nucleus parataenialis (par) <sup>U</sup>	núcleo paratenial (par) <sup>U</sup>
<a href="#">62152</a>		5840 nucleus paraventricularis thalami (par) <sup>U</sup>	núcleo paraventricular del talámo (par) <sup>U</sup>
<a href="#">62153</a>		5843 nucleus medioventralis (par) <sup>U</sup> ; nucleus reuniens (par) <sup>U</sup>	núcleo medioventral (par) <sup>U</sup> ; núcleo reuniens (par) <sup>U</sup>
		5845 nuclei posteriores thalami (par) <sup>U</sup> ; regio posterior thalami (par)	núcleos posteriores del talámo (par) <sup>U</sup> ; regio posterior del talámo (par)
<a href="#">62177</a>		5820 nucleus lateralis posterior (par) <sup>U</sup>	núcleo lateral posterior (par) <sup>U</sup>
		5821 nuclei pulvinares (par) <sup>U</sup>	núcleos pulvinares (par) <sup>U</sup>
<a href="#">62180</a>		5822 nucleus pulvinaris anterior (par) <sup>U</sup>	núcleo pulvinar anterior (par) <sup>U</sup>
<a href="#">62183</a>		5823 nucleus pulvinaris inferior (par) <sup>U</sup>	núcleo pulvinar inferior (par) <sup>U</sup>
<a href="#">62181</a>		5824 nucleus pulvinaris lateralis (par) <sup>U</sup>	núcleo pulvinar lateral (par) <sup>U</sup>
<a href="#">62182</a>		5825 nucleus pulvinaris medialis (par) <sup>U</sup>	núcleo pulvinar medial (par) <sup>U</sup>
		7521 corpora geniculata (par) <sup>U</sup> ; nuclei geniculati thalami (par) <sup>U</sup> ; regio geniculata (par); metathalamus (par)	cuerpos geniculados (par) <sup>U</sup> ; núcleos geniculados (par) <sup>U</sup> ; regio geniculada (par); metatálamo (par)
		12225 corpus geniculatum laterale (par) <sup>U</sup>	cuerpo geniculado lateral (par) <sup>U</sup>
<a href="#">62214</a>		5900 nucleus dorsalis corporis geniculati lateralis (par) <sup>U</sup>	núcleo dorsal del cuerpo geniculado lateral (par) <sup>U</sup>

<a href="#">76988</a>		5901	strata koniocellularia (par) 	capas coniocelulares (par) 
		5902	strata magnocellularia (par) 	capas magnocelulares (par) 
		5903	strata parvocellularia (par) 	capas parvocelulares (par) 
		12226	corpus geniculatum mediale (par) 	cuerpo geniculado medial (par) 
		5906	nuclei corporis geniculati medialis (par) 	núcleos del cuerpo geniculado medial (par) 
<a href="#">62217</a>		5907	nucleus ventralis (par) 	núcleo ventral (par) 
<a href="#">62216</a>		5908	nucleus dorsalis (par) 	núcleo dorsal (par) 
<a href="#">62218</a>		5909	nucleus magnocellularis medialis (par) 	núcleo magnocelular medial (par) 
<a href="#">83932</a>		5870	substantia alba thalami (par) 	sustancia blanca del talámo (par) 
		9024	radices centrales thalami (par) 	haces centrales del talámo (par)
<a href="#">62046</a>		5782	tractus opticus  	haz óptico  
		8292	tractus proprii thalami (par) 	haces intrínsecos del talámo (par) 
<a href="#">62469</a>		5871	lamina medullaris lateralis  	lámina medular talámica externa 
<a href="#">62470</a>		5872	lamina medullaris medialis  	lámina medular talámica interna 
		5880	fibrae intrathalamicae  	fibras intratalámicas  
		5885	fibrae periventriculares thalami  	fibras periventriculares del talámo  
		8307	tractus longi thalami (par) 	haces largos del talámo (par) 
		8311	tractus ascendentes medullae spinalis (par) 	haces ascendentes de la médula espinal (par) 
<a href="#">77766</a>		12531	tractus anterolateralis  ; systema anterolaterale  ; lemniscus spinalis  	haz anterolateral  ; sistema anterolateral  ; lemnisco espinal  
		8318	fibrae spinothalamicae  	fibras espinotalámicas  
		7958	tractus cervicothalamicus  	haz cervicotalámico  
		8633	tractus ascendentes trunci encephali (par) 	haces ascendentes del tronco del encéfalo (par) 
<a href="#">83675</a>		5298	lemniscus medialis  	lemnisco medial  
<a href="#">83852</a>		8426↓	tractus trigeminothalamici  	haces trigeminotalámicos  
		12170	tractus trigeminothalamicus lateralis  	haz trigeminotalámico lateral  
		5462	tractus trigeminothalamicus anterior  ; tractus trigeminothalamicus ventralis  ; lemniscus trigeminalis 	haz trigeminotalámico anterior  ; haz trigeminotalámico ventral  
<a href="#">72500</a>		5463	tractus trigeminothalamicus posterior  ; tractus trigeminothalamicus dorsalis  	haz trigeminotalámico posterior  ; haz trigeminotalámico dorsal  
		8430↓	tractus vestibulothalamicus  	haz vestibulotalámico  
<a href="#">71114</a>		5583	brachium colliculi inferioris  	brazo del colículo inferior  
<a href="#">72417</a>		5584	brachium colliculi superioris  	brazo del colículo superior  
<a href="#">72495</a>		5760	pedunculus cerebellaris superior 	pedúnculo cerebeloso superior 
		8634	tractus efferentes telencephali (par) 	haces eferentes del telencéfalo (par) 
		8525	fibrae corticothalamicae  	fibras corticotálamicas  
<a href="#">62070</a>		5874	ansa lenticularis  	asa lenticular  
<a href="#">61976</a>		5875	fasciculus lenticularis  	fascículo lenticular  
<a href="#">62065</a>		5890	fasciculus thalamicus  	fascículo talámico  
		8654	fasciculus mammillothalamicus  	fascículo mamilotalámico  
		8635	tractus efferentes thalami (par)  ; radiationes thalamicae (par) 	haces eferentes del talámo (par)  ; radiaciones talámicas (par) 
<a href="#">76976</a>		5877	radiatio thalamica anterior  ; radiatio anterior thalami  	radiación anterior del talámo 
		8498	fibrae thalamofrontales  	fibras talamofrontales  
<a href="#">76978</a>		5878	radiatio thalamica centralis  ; radiatio centralis thalami  	radiación central del talámo 
		7574	fibrae thalamoparietales  	fibras talamoparietales  

<a href="#">76980</a>		5879	radiatio thalamica inferior ; radiatio inferior thalami	radiación inferior del talámo
		5876	fibrae thalamotemporales	fibras talamotemporales
<a href="#">62071</a>		7618	ansa peduncularis	asa peduncular
		8500	radiatio acustica	radiación acústica
<a href="#">76982</a>		5886	radiatio thalamica posterior ; radiatio posterior thalami	radiación posterior del talámo
<a href="#">61941</a>		5884	radiatio optica	radiación óptica
		7923	fasciculus anterior	fascículo anterior
		7924	fasciculus centralis	fascículo central
		7925	fasciculus dorsalis	fascículo dorsal
		9184	substantia grisea epithalami	sustancia gris del epitalámo
<a href="#">62372</a>		5803	nucleus habenularis lateralis (par)	núcleo habénular lateral (par)
<a href="#">62373</a>		5804	nucleus habenularis medialis (par)	núcleo habénular medial (par)
		6321	cellulae cholinergicae epithalami ; cellulae cholinergicae Ch7	células colinérgicas del epitalámo ; células colinérgicas Ch7s
		9104	substantia alba epithalami	sustancia blanca del epitalámo
		8637	tractus commissurales epithalami	haces comisurales del epitalámo
<a href="#">62048</a>		5792	commissura habenulae	comisura habénular
		8638	tractus longi epithalami	haces largos del epitalámo
		8639	tractus efferentes epithalami	haces eferentes del epitalámo
		5802	tractus habenuointerpeduncularis ; fasciculus retroflexus	haz habenuointerpeduncular ; fascículo retrorreflejo
		8640	substantia grisea preteкти	sustancia gris del pretectum
<a href="#">62402</a>		5805	area pretectalis (par)	área pretectal (par)
<a href="#">272352</a>		5806	nuclеi pretectales (par)	núcleos pretectales (par)
		5807	nucleus pretectalis anterior (par)	núcleo pretectal anterior (par)
<a href="#">72403</a>		5808	nucleus tractus optici (par)	núcleo del haz óptico (par)
<a href="#">72405</a>		5809	nucleus pretectalis olivaris (par)	núcleo pretectal olivar (par)
<a href="#">84355</a>		5810	nucleus pretectalis posterior (par)	núcleo pretectal posterior (par)
<a href="#">68463</a>		8641↓	nucleus commissurae posterioris (par)	núcleo de la comisura posterior (par)
		8642	pars principalis (par)	porción principal (par)
		8643	pars magnocellularis (par)	porción magnocelular (par)
<a href="#">256154</a>		5638	nuclеi accessorii tractus optici (par)	núcleos accesorios del haz óptico (par)
			nucleus accessorius posterior tractus optici (par) ; nucleus accessorius dorsalis tractus optici (par)	núcleo accesorio posterior del haz óptico (par) ; núcleo accesorio dorsal del haz óptico (par)
<a href="#">77651</a>		5639	nucleus accessorius lateralis tractus optici (par)	núcleo accesorio lateral del haz óptico (par)
<a href="#">77652</a>		5640	nucleus accessorius medialis tractus optici (par)	núcleo accesorio medial del haz óptico (par)
<a href="#">77653</a>		5641	substantia alba preteкти	sustancia blanca del pretectum
		8644	tractus commissurales preteкти (par)	haces comisurales del pretectum (par)
<a href="#">62072</a>		5794	commissura posterior	comisura posterior
		8647	tractus longi preteкти (par)	haces largos del pretectum (par)
		8648	tractus descendentes preteкти (par)	haces descendentes del pretectum (par)
		8490	tractus tegmentalis medialis	haz tegmental medial
		8491	tractus pretectoolivaris	haz pretectoolivar
		8622↓	tegmentum prerubrale ; tegmentum diencephali	tegmento prerubral ; tegmento del diencefalo
		8650	substantia grisea tegmenti prerubralis	sustancia gris del tegmento prerubral del diencefalo
		8144	nucleus interstitialis (par)	núcleo intersticial (par)
		8147↓	nucleus interstitialis rostralis fasciculi longitudinalis medialis (par)	núcleo intersticial rostral del fascículo longitudinal medial (par)

62035	8150l	nucleus ellipticus (par) 	núcleo elíptico (par) 
	5893	nucleus subthalamicus (par) 	núcleo subtalámico (par) 
	8651	substantia alba tegmenti prerubralis 	sustancia blanca del tegmento prerubral del diencefalo 
	8652	tractus longi tegmenti prerubralis 	haces largos del tegmento prerubral del diencefalo 
	8653	tractus efferentes prerubrales 	haces eferentes prerubrales 
	8490	tractus tegmentalis medialis  	haz tegmental medial  
	8492	tractus prerubroolivaris  	haz prerubroolivario  
	8495	fasciculus longitudinalis medialis descendens  	fascículo longitudinal medial descendente  
	8494	tractus interstitiospinalis  	haz intersticioespinal  
	181 lines		

## SCIENTIFIC NOTES

### UID Libelle of note

5263 The Diencephalon in its classic, columnar view was divided into four dorsoventrally arranged columns separated by ventricular sulci: the Epithalamus, the Dorsal thalamus, the Ventral thalamus and the Hypothalamus. Extensive embryological studies made it clear that the thalamic 'columns' are derived from transversely oriented zones, the Prosomeres (see TE). Currently, the (Caudal) Diencephalon is subdivided into three segmental units, which from caudal to rostral, contain in their alar domains the Pretectum (prosomere 1 or P1), the Epithalamus and the Thalamus (P2) and the Ventral thalamus or Prethalamus (P3). The diencephalic basal plate contains the rostral part of the Substantia nigra-VTA complex and some other nuclei, collectively forming the Diencephalic or Prerubral tegmentum between the Mesencephalon and the Hypothalamus. The entire Hypothalamus or Rostral diencephalon arises from the alar and basal components of the secondary prosencephalon. The Preoptic area is one of the subpallial developmental domains (Puelles L, Harrison M, Paxinos G, Watson C 2013 A developmental ontology for the mammalian brain based on the prosomeric model. Trends Neurosci 36:570-578).

5813 For the Thalamic nuclei, a new subdivision based on Hirai T, Jones EG (1989 A new parcellation of the human thalamus on the basis of histochemical staining. Brain Res Rev 14:1-34) and updated by Morel A, Magnin M, Jeanmonod D (1997 Multiarchitectonic and stereotactic atlas of the human thalamus. J Comp Neurol 387:618-677) is used to replace the list of terms in TA (14.1.08.603-14.1.08.658), largely a matter of a more practical grouping of nuclei. As Latin synonym the term Regio is adopted from Percheron G (2004 Thalamus. In: Paxinos G, Mai JK, eds: The Human Nervous System, 2nd ed. Elsevier, Amsterdam, pp 592-675).

8147 New term, described by Horn, AKE, Büttner-Ennever, JA (1998 Premotor neurons for vertical eye-movements in the rostral mesencephalon of monkey and man: The histological identification by parvalbumin immunostaining. J Comp Neurol 392:413-427) as a premotor nucleus for vertical eye movements.

8150 See note # 8641

8426 (Tractus trigeminothalamici): The Tractus trigeminothalamicus anterior arises in the Spinal trigeminal nucleus and joins the Medial lemniscus, whereas the Tractus trigeminothalamicus lateralis arises in the Caudal part of the Spinal trigeminal nucleus and joins the Anterolateral tract.

8430 (Tractus vestibulothalamicus): In monkeys, Vestibulothalamic projections pass via both the FLM and the Ascending tract of Deiters (Lang W, Büttner-Ennever JA, Büttner U 1979 Vestibular projections to the monkey thalamus: An autoradiographic study. Brain Res 177:3-17). Zwergal et al. (2008) demonstrated a Vestibulothalamic tract adjacent to the Medial lemniscus in humans (Zwergal A, Büttner-Ennever JA, Brandt T, Strupp M 2008 An ipsilateral vestibulothalamic tract adjacent to the medial lemniscus in humans. Brain 131:2928-2935).

8622 The basal parts of the prosomeres P1-P3 form several nuclei, previously included in the Mesencephalon (see General footnote). The rostral parts of the Substantia nigra/VTA-complex also derive from P1-P3. The term Tegmentum prerubrale is preferred as topographic term over Tegmentum diencephali.

8632 The Nucleus ventromedialis posterior (Ventromedial posterior nucleus; VMpo) is a newly discovered nucleus involved in pain perception as part of the Ventromedial nucleus (Blomqvist A, Zhang ET, Craig AD 2000 Cytoarchitectonic and immunohistochemical characterization of a specific pain and temperature relay, the posterior portion of the ventral medial nucleus, in the human thalamus. Brain 123:601-619).

8641 Replaced from Mesencephalon; for the subdivision of this nucleus, Principal and Magnocellular parts are adopted, following Olszewski and Baxter<sup>3</sup>. The Ventral division is renamed as Nucleus ellipticus (coming from Cetacea and Proboscidea) or Nucleus of Darkschewitsch, not part of the Nucleus of the posterior commissure.

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