



*...going one step further*



**A23**



**Human Skull** with Muscle Paintings

**Homo-Schädel** mit Muskeldarstellung

**Cráneo humano** con musculatura

**Crâne humain** avec la représentation des muscles

**Crânio humano** com representação dos músculos

**Cranio umano** con illustrazione dei muscoli

**頭蓋骨** 筋・番号表示付きモデル

OSSA • BONES • KNOCHEN • HUESOS • OSSOS • OS • OSSA • 骨

*Latin*

- 1 Diploe
- 2 Clivus
- 3 Fossa temporalis
- 4 Arcus zygomaticus
- 5 Fossa infratemporalis
- 6 Fossa pterygopalatina
- 7 Foramen jugulare
- 8 Foramen lacerum
- 9 Foramen palatinum majus
- 10 Fossa incisiva
- 11 Canalis incisivi
- 12 Septum nasi osseum
- 13 Apertura piriformis
- 14 Concha nasalis media
- 15 Foramen ethmoidale anterius
- 16 Foramen ethmoidale posterius
- 17 Fossa sacci lacrimalis
- 18 Fissura orbitalis superior
- 19 Fissura orbitalis inferior
- 20 Os occipitale
- 21 Foramen magnum
- 22 Sulcus sinus petrosi inferioris
- 23 Tuberculum pharyngeum
- 24 Squama occipitalis
- 25 Condylus occipitalis
- 26 Canalis condylaris
- 27 Canalis nervi hypoglossi
- 28 Incisura jugularis
- 29 Protuberantia occipitalis externa
- 30 Linea nuchalis suprema
- 31 Linea nuchalis superior
- 32 Linea nuchalis inferior
- 33 Protuberantia occipitalis interna
- 35 Sulcus sinus transversi
- 36 Sulcus sinus sigmoidei
- 37 Os sphenoidale
- 38 Sella turcica

*English*

- 1 Diploe
- 2 Clivus
- 3 Temporal fossa
- 4 Zygomatic arch
- 5 Infratemporal fossa
- 6 Pterygopalatine fossa
- 7 Jugular foramen
- 8 Foramen lacerum
- 9 Greater palatine foramen
- 10 Incisive fossa
- 11 Incisive canals
- 12 Bony nasal septum
- 13 Piriform aperture
- 14 Middle nasal concha
- 15 Anterior ethmoidal foramen
- 16 Posterior ethmoidal foramen
- 17 Fossa for lacrimal sac
- 18 Superior orbital fissure
- 19 Inferior orbital fissure
- 20 Occipital bone
- 21 Foramen magnum
- 22 Groove for inferior petrosal sinus
- 23 Pharyngeal tubercle
- 24 Squamous part of occipital bone
- 25 Occipital condyle
- 26 Condylar canal
- 27 Hypoglossal canal
- 28 Jugular notch
- 29 External occipital protuberance
- 30 Highest nuchal line
- 31 Superior nuchal line
- 32 Inferior nuchal line
- 33 Internal occipital protuberance
- 35 Groove of transverse sinus
- 36 Groove of sigmoid sinus
- 37 Sphenoid
- 38 Sella turcica

39	Tuberculum sellae	39	Tuberculum sellae
40	Fossa hypophysialis	40	Hypophysial fossa
41	Dorsum sellae	41	Dorsum sellae
42	Processus clinoideus posterior	42	Posterior clinoid process
43	Sulcus caroticus	43	Carotid sulcus
44	Ala minor ossis sphenoidalis	44	Lesser wing of sphenoid
45	Canalis opticus	45	Optic canal
46	Ala major ossis sphenoidalis	46	Greater wing of sphenoid
47	Crista infratemporalis	47	Infratemporal crest
48	Foramen rotundum	48	Foramen rotundum
49	Foramen ovale	49	Foramen ovale
50	Foramen spinosum	50	Foramen spinosum
51	Sulcus tubae auditivae	51	Sulcus of auditory tube
52	Processus pterygoideus	52	Pterygoid process
53	Lamina lateralis processu pterygoideus ossis sphenoidalis	53	Lateral plate of pterygoid process
54	Lamina medialis processu pterygoideus ossis sphenoidalis	54	Medial plate of pterygoid process
55	Hamulus pterygoideus	55	Pterygoid hamulus
56	Fossa pterygoidea	56	Pterygoid fossa
57	Canalis pterygoideus	57	Pterygoid canal
58	Os temporale	58	Temporal bone
59	Margo superior partis petrosae ossis temporalis	59	Superior border of petrosus part
60	Processus mastoideus	60	Mastoid process
61	Incisura mastoidea	61	Mastoid notch
62	Foramen mastoideum	62	Mastoid foramen
63	Canalis caroticus	63	Carotid canal
64	Canalis musculotubarius	64	Musculotubal canal
65	Tegmen tympani	65	Tegmen tympani
66	Eminentia arcuata	66	Arcuate eminence
67	Hiatus canalis nervi petrosi majoris	67	Hiatus for greater petrosal nerve
68	Sulcus nervi petrosi majoris	68	Groove for greater petrosal nerve
69	Impressio trigeminalis	69	Trigeminal impression
70	Sulcus sinus petrosi superioris	70	Groove for superior petrosal nerve
71	Porus acusticus internus	71	Internal acoustic opening
72	Processus styloideus	72	Styloid process
73	Foramen stylomastoideum	73	Stylomastoid foramen
74	Meatus acusticus externus	74	External acoustic opening
75	Processus zygomaticus	75	Zygomatic process
76	Fossa mandibularis	76	Mandibular fossa
77	Tuberculum articulare ossis temporalis	77	Articular tubercle of temporal bone
78	Os parietale	78	Parietal bone
79	Sutura coronalis	79	Coronal suture
80	Linea temporalis inferior	80	Inferior temporal line
81	Sulcus sinus sagittalis superioris	81	Groove for superior sagittal sinus
83	Os frontale	83	Frontal bone
84	Glabella	84	Glabella
85	Spina nasalis posterior	85	Posterior nasal spine
86	Processus frontalis	86	Fontal process
87	Crista frontalis	87	Frontal crest
88	Foramen caecum	88	Foramen caecum
89	Sinus frontalis	89	Frontal sinus
90	Os ethmoidale	90	Ethmoid
91	Lamina cribrosa ossis ethmoidalis	91	Cribriform plate of ethmoid
		92	Crista galli
		93	Inferior nasal concha
		94	Lacrimal bone

92	Crista galli	95	Nasal bone
93	Concha nasalis inferior	96	Vomer
94	Os lacrimale	97	Maxilla
95	Os nasale	98	Infra-orbital foramen
96	Vomer	99	Canine fossa
97	Maxilla	100	Nasal notch
98	Foramen infraorbitale	101	Anterior nasal spine
99	Fossa canina	102	Maxillary tuberosity
100	Incisura nasalis	103	Palatine process of maxilla
101	Spina nasalis anterior	104	Incisive bone
102	Tuber maxillae	105	Alveolar process of maxilla
103	Processus palatinus maxillae	106	Palatine bone
104	Os incisivum	107	Horizontal plate of palatine bone
105	Processus alveolaris maxillae	108	Zygomatic bone
106	Os palatinum	109	Temporal surface of zygomatic bone
107	Lamina horizontalis ossis palatini	110	Zygomatic process
108	Os zygomaticum	111	Zygomatico-orbital foramen
109	Facies temporalis ossis zygomatici	112	Zygomaticofacial foramen
110	Processus zygomaticus	113	Zygomaticotemporal foramen
111	Foramen zygomaticoorbitale	114	Mandible
112	Foramen zygomaticofaciale	115	Body of mandible
113	Foramen zygomaticotemporale	116	Base of mandible
114	Mandibula	117	Mental protuberance
115	Corpus mandibulae	117a	Mental tubercle
116	Basis mandibulae	118	Mental spine
117	Protuberantia mentalis	119	Mental foramen
117a	Tuberculum mentale	120	Oblique line
118	Spina mentalis	121	Digastric fossa
119	Foramen mentale	122	Mylohyoid line
120	Linea obliqua	123	Sublingual fossa
121	Fossa digastrica	124	Submandibular fossa
122	Linea mylohyoidea	125	Alveolar part
123	Fovea sublingualis	125a	Alveolar arch
124	Fovea submandibularis	126	Alveolar yokes
125	Pars alveolaris	127	Interalveolar septa
125a	Arcus alveolaris	128	Ramus of mandible
126	Juga alveolaria	129	Angle of mandible
127	Septa interalveolaria	130	Head of mandible
128	Ramus mandibulae	131	Neck of mandible
129	Angulus mandibulae	132	Pterygoid fovea
130	Caput mandibulae	133	Coronoid process
131	Collum mandibulae	134	Mandibular notch
132	Fovea pterygoidea	135	Mandibular foramen
133	Processus coronoideus	136	Lingula
134	Incisura mandibulae	138	Mylohyoid groove
135	Foramen mandibulae		
136	Lingula mandibulae		
138	Sulcus mylohyoideus		

**MUSCULI • MUSCLES • MUSKELN • MUSKULOS • MUSCLES • MUSCULOS • MUSCULI • 筋**

*Origins: red, Insertions: blue*

*Ursprünge: rot, Ansätze: blau*

*Origenes: rojo, Inserciones: azul*

*Origines: rouge, Insertions: bleu*

*Origens: vermelho, Inserções: azul*

*Origini: rosse, Attaccature: blu*

*起始: 赤, 停止: 青*

**Latin**

- 1 M. temporalis
- 2 M. corrugator supercilii
- 3 M. orbicularis oculi
- 3a Pars orbitalis
- 3b Pars profunda
- 4 M. nasalis
- 5 M. depressor septi nasi
- 6 M. levator labii superioris alaeque nasi
- 7 M. zygomaticus major
- 8 M. zygomaticus minor
- 10 M. levator anguli oris
- 11 M. buccinator
- 12 M. masseter
- 14 M. depressor anguli oris
- 15 M. depressor labii inferioris
- 16 M. mentalis
- 17 M. pterygoideus lateralis
- 18 M. pterygoideus medialis
- 19 Platysma
- 20 M. sternocleidomastoideus
- 21 M. splenius capitis
- 23 M. digastricus
- 24 M. occipitofrontalis, venter occipitalis
- 25 M. trapezius
- 26 M. semispinalis capitis
- 27 M. rectus capitis posterior minor
- 28 M. obliquus capitis superior
- 29 M. rectus capitis posterior major
- 30 M. rectus capitis lateralis
- 31 M. rectus capitis anterior
- 32 M. longus capitis
- 33a M. styloglossus
- 33b M. stylohyoideus
- 33c M. stylopharyngeus
- 34 M. levator veli palatini
- 35 M. tensor veli palatini
- 36 M. mylohyoideus
- 37c M. constrictor pharyngis medius
- 38 M. geniohyoideus

**English**

- 1 Temporalis
- 2 Corrugator supercilii
- 3 Orbicularis oculi
- 3a Orbital part
- 3b Deep part
- 4 Nasalis
- 5 Depressor septi nasi
- 6 Levator labii superioris alaeque nasi
- 7 Zygomaticus major
- 8 Zygomaticus minor
- 10 Levator anguli oris
- 11 Buccinator
- 12 Masseter
- 13 Depressor anguli oris
- 15 Depressor labii inferioris
- 16 Mentalis
- 17 Lateral pterygoid
- 18 Medial pterygoid
- 19 Platysma
- 20 Sternocleidomastoid
- 21 Splenius capitis
- 23 Digastric
- 24 Occipitofrontalis, frontal belly
- 25 Trapezius
- 26 Semispinalis capitis
- 27 Rectus capitis posterior minor
- 28 Obliquus capitis superior
- 29 Rectus capitis posterior major
- 30 Rectus capitis lateralis
- 31 Rectus capitis anterior
- 32 Longus capitis
- 33a Styloglossus
- 33b Stylohyoid
- 33c Stylopharyngeus
- 34 Levator veli palatini
- 35 Tensor veli palatini
- 36 Mylohyoid
- 37c Middle constrictor
- 38 Geniohyoid

*Green point / Grüner Punkt / Punto verde / Point vert / Ponto verde / Punto verde / 緑:*

M. longissimus capitis

Longissimus capitis





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