

Disk 4: The Head and Neck, Part 1

Disk 4 Part 1

Support and movement of the head

Title 1: 0.00.54 - 0.33.50 Run time 33.50

	Structures shown	Title: Chapter(s)	Start time	End time	Duration
<b>Bones</b>		<b>1:1-36</b>	<b>0.00</b>	<b>15.26</b>	<b>15.26</b>
	Principal bones of cranium Occipital bone Temporal bone Posterior cranial fossa	1:1-25	0.00	9.04	9.04
	Typical cervical vertebra Atlas and axis vertebrae	1:25-31	9.04	14.01	4.57
	T1 vertebra First rib Manubrium Clavicles & scapulae	1:31-36	14.01	15.26	1.25
<b>Joints and ligaments</b>		<b>1:37-50</b>	<b>15.26</b>	<b>22.47</b>	<b>7.21</b>
	Intervertebral joints Intervertebral disks	1:37-40	15.26	17.48	2.22
	Ligaments of cervical spine	1:40-44	17.48	20.21	2.33
	Ligaments of atlas and axis	1:44-50	20.21	22.47	2.26
<b>Review of joints and ligaments</b>		<b>1:51</b>	<b>22.45</b>	<b>25.47</b>	<b>3.02</b>
<b>Muscles</b>		<b>1:52-60</b>	<b>25.47</b>	<b>32.45</b>	<b>6.58</b>
	Suboccipital muscles Long muscles of neck				
<b>Review of muscles</b>		<b>1:61</b>	<b>32.45</b>	<b>33.50</b>	<b>1.06</b>

Disk 4 Part 2  
 The facial skeleton and base of cranium  
 Title 2: 0.00 - 3: 1.55 Run time 23.31

	Structures shown	Title: Chapter(s)	Start time	End time	Duration
<b>Main bony features</b>		<b>2:1-</b>	<b>0.00</b>	<b>6.52</b>	<b>6.52</b>
	Orbital & nasal cavities Zygomatic arch Temporal & infratemporal fossa Pterygoid plates Hard palate	2:1-11	0.00	3.43	3.43
	Anterior cranial fossa Middle cranial fossa	2:1-12	3.43	6.52	3.09
<b>Individual named bones</b>		<b>2:19-34</b>	<b>6.52</b>	<b>14.55</b>	<b>8.02</b>
	Frontal bone Zygomatic bone Maxilla	2:19-23	6.52	10.03	3.11
	Sphenoid bone Ethmoid bone Nasal bone Lacrimal bone Palatine bone	2:24-34	10.03	14.55	4.52
<b>Openings in the base of the cranium</b>	Optic canal Superior orbital fissure Foramen rotundum, ovale, spinosum Opening of carotid canal, auditory tube	<b>2:35-42</b>	<b>14.55</b>	<b>18.45</b>	<b>3.50</b>
<b>Review of bones</b>		<b>2:42</b>	<b>18.45</b>	<b>21.36</b>	<b>2.51</b>
<b>Introduction to parts 3,4,5</b>	Nasal cavity Oral cavity Pharynx	<b>3:1-3</b>	<b>0.00</b>	<b>1.55</b>	<b>1.55</b>

Disk 4 Part 3  
 The nasal cavity and its surroundings  
 Title 3: 1.55 - 28.55 Run time 27.00

	Structures shown	Title: Chapter(s)	Start time	End time	Duration
<b>Nasal cavity, sinuses, nasopharynx: bony features</b>		<b>3:4-32</b>	<b>1.55</b>	<b>15.01</b>	<b>13.06</b>
	Nasal cavity	3:4-15	1.55	5.52	3.57
	Paranasal sinuses	3:15-19	5.52	8.44	2.52
	Ethmoid bone	3:19-22	8.44	10.21	1.37
	Openings into nasal cavity Nasopharynx	3:22-32	10.21	15.01	4.40
<b>Review of these areas</b>		<b>3:33</b>	<b>15.01</b>	<b>16.21</b>	<b>1.20</b>
<b>Nasal cavity, sinuses, nasopharynx: mucosal features</b>		<b>3:34-63</b>	<b>16.21</b>	<b>27.32</b>	<b>11.11</b>
	External nose Nasal septum Olfactory area Nasal vestibule Conchae Openings of sinuses	3:34-55	16.21	23.13	7.52
	Nasopharnx Torus tubarius Pharyngeal recess Soft palate Levator & tensor palati	3:55-63	23.13	27.32	4.19
Review of these areas		3:64	27.32	28.55	1.23

Disk 4 Part 4  
 The oral cavity and its surroundings  
 Title 4: 0.00 - 55.26 Run time 55.26

	Structures shown	Title: Chapter(s)	Start time	End time	Duration
<b>Upper and lower jaws: bony features</b>		<b>4:1-15</b>	<b>0.00</b>	<b>4.33</b>	<b>4.33</b>
	Features of maxilla	4:1-4	0.00	2.05	2.05
	Features of mandible	4:4-15	2.05	4.33	2.28
<b>Temporomandibular joint, jaw movement</b>		<b>4:16-19</b>	<b>4.33</b>	<b>7.15</b>	<b>2.32</b>
<b>Muscles of mastication</b>		<b>4:20-25</b>	<b>7.15</b>	<b>13.45</b>	<b>5.30</b>
<b>Hyoid bone and its associated muscles</b>		<b>4:26-33</b>	<b>13.45</b>	<b>20.05</b>	<b>6.20</b>
	Hyoid bone	4:26-28	13.45	15.39	1.56
	Muscles acting on hyoid bone	4:28-33	15.39	20.05	4.26
<b>Tongue</b>		<b>4:34-40</b>	<b>20.05</b>	<b>25.18</b>	<b>5.13</b>
<b>Review of these areas</b>		<b>4:41</b>	<b>25.18</b>	<b>27.19</b>	<b>2.01</b>
<b>Oral cavity: lining</b>		<b>4:42-48</b>	<b>27.19</b>	<b>30.20</b>	<b>3.01</b>
<b>Muscles of cheek and lips</b>		<b>4:49-52</b>	<b>30.20</b>	<b>33.26</b>	<b>3.06</b>
<b>Teeth</b>		<b>4:53-54</b>	<b>33.26</b>	<b>35.21</b>	<b>1.55</b>
<b>Salivary glands, muscle overview</b>		<b>4:55-71</b>	<b>35.21</b>	<b>42.00</b>	<b>6.39</b>
	Structures surrounding parotid gland	4:55-59	35.21	37.15	1.54
	Parotid gland	4:59-64	37.15	39.01	1.46
	Structures surrounding submandibular gland	4:65-68	39.01	39.44	0.43
	Submandibular gland Sublingual gland	4:68-71	39.44	42.00	2.16
<b>Thyroid and cricoid cartilages</b>	<b>Thyroid cartilage Cricoid cartilage</b>	<b>4:72-80</b>	<b>42.00</b>	<b>45.40</b>	<b>3.40</b>
<b>Pharynx</b>		<b>4:81-97</b>	<b>45.40</b>	<b>53.26</b>	<b>7.46</b>
	Structures around pharynx	4:81-86	45.40	47.41	2.01
	Constrictor muscles Other pharyngeal muscles	4:87-93	47.41	50.54	3.13
	Internal features of pharynx	4:93-97	50.54	53.26	2.32
<b>Review of these areas</b>		<b>4:98</b>	<b>53.26</b>	<b>55.26</b>	<b>2.00</b>

Disk 4 Part 5  
 The larynx and its surroundings  
 Title 5: 0.00 - 19.21 Run time 19.21

	Structures shown	Title: Chapter(s)	Start time	End time	Duration
<b>Introduction, laryngeal opening</b>	Structures surrounding larynx Main internal features Vestibular & vocal folds Larynx in living body	<b>5:1-11</b>	<b>0.00</b>	<b>4.21</b>	<b>4.21</b>
<b>Laryngeal cartilages</b>	Movement of cricoid cartilage Epiglottic cartilage Arytenoid cartilages Movements of arytenoid cartilages	<b>5:12-19</b>	<b>4.21</b>	<b>7.39</b>	<b>3.18</b>
<b>Vocal ligaments, vocal opening</b>	Vocal ligament, conus elasticus Changes in shape of vocal opening	<b>5:20-23</b>	<b>7.39</b>	<b>10.07</b>	<b>2.28</b>
<b>Muscles</b>	Cricothyroid muscle Internal laryngeal muscles	<b>5:24-29</b>	<b>10.07</b>	<b>14.55</b>	<b>4.48</b>
<b>Infrahyoid muscles, thyroid gland</b>	Trachea Parathyroid glands Thyroid gland Infrahyoid muscles	<b>5:30-35</b>	<b>14.55</b>	<b>17.42</b>	<b>2.47</b>
<b>Review of larynx</b>		<b>5:36</b>	<b>17.42</b>	<b>19.21</b>	<b>1.39</b>