



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|----------|--------------|--------|--------------------------------|----------|---|------------|---|
| Course Title | Head And Neck Anatomy | | | | | | | | |
| Course Code | TAN622 | | Course Level | | Third Cycle (Doctorate Degree) | | | | |
| ECTS Credit | 8 | Workload | 200 (Hours) | Theory | 2 | Practice | 2 | Laboratory | 0 |
| Objectives of the Course | It is intended to win knowledge, skills and behaviors are to students about head and neck region anatomy which showing clinically significant and anatomical confusion. | | | | | | | | |
| Course Content | the development of head and neck , bones , basic neuroanatomy and nervi craniales , neck , scalp and mimic muscles , glandula parotidea , logy parotidea , fossa temporalis and fossa infratemporalis , masticatory muscles, articulatio temporomandibularis , fossa pterygopalatina , nasus and sinus nasales , sinus paranasales , cavitas oris , tongue , larynx, pharynx , fascia cervicalis , ear, eye , autonomic innervation of the head and neck , lymphatics | | | | | | | | |
| Work Placement | N/A | | | | | | | | |
| Planned Learning Activities and Teaching Methods | Explanation (Presentation), Discussion, Case Study, Individual Study | | | | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 60 |

Recommended or Required Reading

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| 1 | Anatomi. K. Arıncı, A. Elhan, 2 print, Güneş Bookstore, Ankara, 2001, ISBN 9757467286 |
| 2 | Topographical Anatomy Accessibility Dissection (Mesut R, Yıldırım M.) |
| 3 | Functional Anatomy- Head, Neck and Internal Organs - 3. print, Prof. Dr. Bedia Sancak, Prof. Dr. Meserret Cumhuri, ODTÜ Publishing – Ankara, 2004. |
| 4 | Netter FH. Atlas of human anatomy (second edition). USA, Novartis, 1997: 268. |

| Week | Weekly Detailed Course Contents & Teaching Methods | |
|------|--|--|
| 1 | Theoretical | Introduction to topographic anatomy |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 2 | Theoretical | The boundaries of the head and neck region, the head of department and general topographical anatomy of the superficial zone |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 3 | Theoretical | The head region of the skin, fascia and muscles of the face |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 4 | Theoretical | Located in the head and important facial process; temporalis fascia, fascia in Parotid, League. Spheno to mandibular, Fascia pterygoide the league. Pteygospinal and muscles of the scalp |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 5 | Theoretical | The anatomy of the pinna and external ear muscles |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 6 | Theoretical | Rapha pterygomandibularis fascia to buccopharynge, masticatory muscles and adiposecorpus adiposum buccae |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 7 | Theoretical | Arteries and veins of the head region, nerves, lymphatic drainage structures and organs in the region; A Lingua, gl. A Parotid, gl. submandibularis, gl. sublingualis, erupted, bulbus oculi and orbital, nazus, auris externa |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 8 | Theoretical | Boundaries of the neck, neck triangles; cervicalis lateralis region, region cervicalis and posterior triangle of the neck portion |



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| 8 | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 9 | Theoretical | The neck skin, superficial formations in the region, neck fascia and muscles |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 10 | Theoretical | The organs in the neck region; pharynx, larynx, gl. A thyroide, gl. A parathyroide, trachea, oesophageus, neighborly relations |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 11 | Theoretical | The organs in the neck region; pharynx, larynx, gl. A thyroide, gl. A parathyroide, trachea, oesophageus, neighborly relations |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 12 | Theoretical | Arteries and veins in the neck |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 13 | Theoretical | Neck and thoracic duct lymph drainage |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |
| 14 | Theoretical | Evaluation of formation of the head and neck region, with the anatomy of the |
| | Practice | Work on models, cadavers and image preparation |
| | Preparation Work | Individual work |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 4 | 4 | 112 |
| Lecture - Practice | 14 | 2 | 2 | 56 |
| Assignment | 14 | 1 | 1 | 28 |
| Midterm Examination | 1 | 1 | 1 | 2 |
| Final Examination | 1 | 1 | 1 | 2 |
| Total Workload (Hours) | | | | 200 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 8 |

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

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|---|---|
| 1 | Define 3D head, neck and temporal bone anatomy |
| 2 | Show principal anatomical landmarks of these regions in different surgical approaches |
| 3 | Use dissection microscope and drilling set |
| 4 | Have knowledge about auditory and vestibular system |
| 5 | Have knowledge about auditory and vestibular system |

Programme Outcomes (Anatomy (Medical) Doctorate)

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|----|---|
| 1 | Be able to acquire enough knowledge and use of the infrastructure about Human anatomy and clinical anatomy, terminology |
| 2 | To use information on the science of anatomy study areas. |
| 3 | Anatomy is associated with other related disciplines to comprehend and to synthesize interdisciplinary interaction |
| 4 | Obtain the information about Systematic and topographical anatomy of the human-oriented structures, functions and their relationship with each other. |
| 5 | Create problems and solutions related fields to reveal the anatomy, experimental methods to gain the ability to solve the hypothesis. |
| 6 | Literature search ability, reading scientific papers, be able to evaluation and follow-up-to-date information |
| 7 | To be able to prepare the article in the science of anatomy |
| 8 | To be able to present papers in the field of science of anatomy |
| 9 | To gain enough discipline and experience related to anatomy and to be an expert |
| 10 | To have professional ethics and responsibility |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High



| | L1 | L2 | L3 | L4 | L5 |
|-----|----|----|----|----|----|
| P1 | 5 | 4 | 5 | 4 | 5 |
| P2 | 5 | 4 | 5 | 4 | 5 |
| P3 | 5 | 4 | 5 | 4 | 5 |
| P4 | 5 | 4 | 5 | 4 | 5 |
| P5 | 5 | 4 | 5 | 4 | 5 |
| P6 | 5 | 4 | 5 | 4 | 5 |
| P7 | 5 | 4 | 5 | 4 | 5 |
| P8 | 5 | 4 | 5 | 4 | 5 |
| P9 | 5 | 4 | 5 | 4 | 5 |
| P10 | 5 | 4 | 5 | 4 | 5 |

