

Lesson 1.

Structure, functional anatomy of the trunk bones, and their joints. Structure, functional anatomy of the bones and joints of limbs. Latin terms used in topic.

The purpose of the lesson: Structure, functional anatomy of the trunk bones, and their joints.

Structure, functional anatomy of the bones and joints of limbs. Latin terms used in topic.

Explanation of the structure, functional anatomy of the extremities bones and its junctions.

Plan of the lesson:

- I. **Checking of attendance** – 2-3min.
- II. **Explanation by the teacher according to the topic and purpose of the lesson** – 45 min (given that the lesson is the first lesson).
 1. Organization of the teaching process at the Department of Human Anatomy and Medical Terminology.
 2. Latin language, its role in medicine and anatomy teaching, clarification of the basic laws of medical terminology, indication of their reading rules on Latin letters, word examples.
 3. Structure, functional anatomy of the bones and joints of upper extremity limbs
 4. The important role of the Latin language in medicine and anatomy, to explain the rules of reading Latin letters.
- III. **Further strengthening of the topic in the student's memory by the teacher with the help of multimedia tools** - 20 minutes.
- IV. **Explaining the acceptance of independent work to students** - 15 minutes.
- V. **Training equipment:**

It is important to have presentations or films on the following topics in multimedia:

1. Video information about the Department of Human Anatomy and Medical Terminology of Azerbaijan Medical University.
2. Latin, letters and diphthongs
3. Presentation and educational films on the topic.
4. Wet prepares

Lesson 2.

Skull bones: information about the structure, features, topography, and connections.

The purpose of the lesson: Explanation of the skull bones: information about the structure, features, topography, and connections.

Plan of the lesson:

- I. Checking of attendance** – 2-3min.
- II. Survey of students on the previous lesson**– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.
- III. Conclusion of the previous topic** – 4-5 min..
- IV. Explanation of a new topic by the teacher** -18-20 min
 1. Skull, parts of the skull. Structural features of skull bones.
 2. The concept of the topography of the skull.
 3. Junctions of skull bones.
- V. Independent work of students**– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.
- VI. Training equipment:**
 1. Bones set
 2. Skeleton
 3. Presentation of the topic
 4. Presentation and educational films on the structure of the skull.

Lesson 3.

Functional anatomy of the muscles of the head and trunk.

The purpose of the lesson: Explanation of the functional anatomy of the muscles of the head and trunk.

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

1. Functional anatomy of the head muscles
2. Functional anatomy of the trunk muscles

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

1. Wet preparations on the subject
2. Skeleton
3. Presentation and educational films on the topic

Lesson 4.

Functional anatomy of the muscles of the extremities

The purpose of the lesson: Explanation of the functional anatomy of the muscles of the extremities

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

1. Functional anatomy of the upper limb muscles
2. Functional anatomy of the lower limb muscles

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

1. Wet preparations on the subject
2. Skeleton
3. Presentation and educational films on the topic

Lesson 6.

The organs of the digestive system, functional anatomy, and Latin terms of the topic.

The purpose of the lesson: Explanation of the structure of the organs of the digestive system, functional anatomy, and fixation the Latin terms of the topic.

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

1. Structure,functional anatomy of the digestive system and Latin terms of the topic.

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

1.Wet preparations on the subject

2.Skeleton

3.Presentation and educational films on the topic

Lesson 7.

Respiratory system organs, structure, functional anatomy, and Latin terms of the topic.

The purpose of the lesson: Explanation of the respiratory system organs, structure, functional anatomy, and Latin terms of the topic.

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

1. Structure,functional anatomy of the respiratory system and Latin terms of the topic.

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

1.Wet preparations on the subject

2.Skeleton

3.Presentation and educational films on the topic

Lesson 8

The structure and functional anatomy of the urogenital organs. Organs of the endocrine system, functional anatomy, and Latin terms of the topic.

The purpose of the lesson: Explanation structure and functional anatomy of the urogenital organs. Organs of the endocrine system, functional anatomy, and Latin terms of the topic.

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

1. Structure, functional anatomy of the urogenital system.

2. Structure, functional anatomy of the endocrin system

3. Achieving the correct pronunciation of new Latin terms

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

1. Wet preparations on the subject

2. Skeleton

3. Presentation and educational films on the topic

Lesson 10

Structure, elements of the nervous system, spinal cord. Spinal nerves, plexuses and branches.

The purpose of the lesson: Explanation of the structure, elements of the nervous system, spinal cord. Spinal nerves, plexuses and branches.

Plan of the lesson:

- I. Checking of attendance** – 2-3min.
- II. Survey of students on the previous lesson**– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.
- III. Conclusion of the previous topic** – 4-5 min..
- IV. Explanation of a new topic by the teacher** -18-20 min
 1. Structure elements of the nervous system, spinal cord.
 2. Spinal nerves, plexuses and branches.
- V. Independent work of students**– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.
- VI. Training equipment:**
 1. Wet preparations on the subject
 2. Skeleton
 3. Presentation and educational films on the topic

Lesson 11

Brain: parts, structure, cerebral vesicles and their derivatives.

The purpose of the lesson: Formation of basic concepts about the parts of the brain, structure, brain vesicles and their derivatives.

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

1.Wet preparations on the subject

2.Skeleton

3.Presentation and educational films on the topic

Lesson 12

Sensory organs and 12 pairs of cranial nerves.

The purpose of the lesson: Formation of general concepts about sensory organs and 12 pairs of cranial nerves.

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

1. Sensory organs
2. 12 pairs of cranial nerves

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

1. Wet preparations on the subject
2. Skeleton
3. Presentation and educational films on the topic

Lesson 13

Information about the cardiovascular system. Circles of blood circulation and their functional features.

The purpose of the lesson: Information about the cardiovascular system. Circles of blood circulation and their functional features..

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

1.Wet preparations on the subject

2.Skeleton

3.Presentation and educational films on the topic

Lesson 14

The heart, its structure, topography. Vascularization and innervation.

The purpose of the lesson: Explanation of the heart, structure, topography. Formation of knowledge about vascularization and innervation.

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

1. Wet preparations on the subject

2. Skeleton

3. Presentation and educational films on the topic

Lesson 15

Aorta, parts of the aorta, branches. Features of vascularization of organs, limbs, and brain

The purpose of the lesson: Formation of a general understanding of the aorta, its parts and branches. Explain the nutritional properties of organs, limbs and the brain.

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

1. The aorta, its parts, branches.

2.Nutritional characteristics of organs, limbs and brain.

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

1.Wet preparations on the subject

2.Skeleton

3.Presentation and educational films on the topic

Lesson 16

Venous system. Superior vena cava

The purpose of the lesson: Explanation of the venous system. Clarification of the superior vena cava.

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

1. Venouse system
2. System of the superior caval vein

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

- 1.Wet preparations on the subject
- 2.Skeleton
- 3.Presentation and educational films on the topic

Lesson 17

Inferior vena cava. Portal vein. Latin terms used in topic.

The purpose of the lesson: explanation of the inferior vena cava and portal vein system. Identification of Latin terms used.

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

1. Wet preparations on the subject
2. Skeleton
3. Presentation and educational films on the topic

Lesson 18

The structure and features of the lymphatic system.

The purpose of the lesson: Explanation of the structure and features of the lymphatic system.

Plan of the lesson:

I. Checking of attendance – 2-3min.

II. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

- 1.Wet preparations on the subject
- 2.Skeleton
- 3.Presentation and educational films on the topic

Lesson 19

The vegetative nervous system

The purpose of the lesson: Formation of a general understanding of the vegetative nervous system.

Plan of the lesson:

I. Checking of attendance – 2-3min..

VII. Survey of students on the previous lesson– 10-12 min. Mistakes made by students must be corrected by the teacher on the spot and immediately. At the same time, special attention should be paid to the correct the pronunciation of Latin terms. The survey should use the maximum amount of preparations, and efforts should be made to increase the students' practical skills.

III. Conclusion of the previous topic – 4-5 min..

IV. Explanation of a new topic by the teacher -18-20 min

V. Independent work of students– 45-50 min. The teacher evaluates the independent work of the surveyed students, supervises and directs the students' learning. By the end of the lesson, each student should be able to find and show the derivatives on the preparations described.

VI. Training equipment:

4. Wet preparations on the subject
5. Skeleton
6. Presentation and educational films on the topic