Протокол №

Кафедрального совещания на открытое занятие проведенное ассистентом стажером Абдикаримова У.А. на тему: «Anatomical and physiological features (APF) of the respiratory system in children. »

Повестка дня:

- 1. Обсуждение открытого занятия проведенного ассистентом преподавателя Алимовой Н.А. на тему: «Anatomical and physiological features (APF) of the respiratory system in children.
- 2. Разное

Присутствовали: к.м.н., доцент, заф.каф. Бугубаева М.М.,к.м.н., Осмонова Г.Ж., Эралиева Ж.М., Эндеш кызы Г. Открытый урок проведен в кабинете 106 здания Димедус. В начале семинара выступила Абдикаримов У.А. ознакомив присутствующих с темой, структурой и целями занятия, дала мотивацию студентам. Далее урок проведен по хронометражу. Выбранная структура урока была рационально использована, студенты участвовали активно на всех этапах семинара и бурно обсуждали тему.

Выступила к.м.н., доцент, зав.каф. Бугубаева М.М.: «Урок соответствует теме и поставленным целям, программе и стандартам. Все поставленные задачи и РО удалось реализовать. Все этапы урока логически связаны между собой. Этапы занятия проведены по плану, был устный опрос в виде презентации, где студенты свободно участвовали в обсуждении, решали тестовый контроль и ситуационные задачи, а также продемонстрировали различные рефлексы у ребенка.

В целом, урок прошел успешно, были даны замечания для улучшения качества преподавания, посредством непрерывного повышения их квалификации, компетентности, профессионализма.

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Секретарь:

Открытый урок проводился в 106 кабинете здания Димедус, применялись новые интерактивные методы, такие как Димедус, TBL. Были усовершенствованы все основные этапы занятия: изучение нового, закрепление изученного и контроль знаний студентов. На занятии преподававтель раздавал материалы для самостоятельного изучения, проводил тестирование.

Материал урока связан с темой урока, наблюдается логическое соответствие между темой урока и выбором заданий все это позволяет увелисить плотность урока и оптимально увеличить его темп. Преподаватель рассчитал время необходимое для выполнения заданий на каждом этапе, в заключении провести выводы, объяснить задание на дом, выставить оценку студентам за работу на занятии

Занятие было интересным не только для студентов, но и для посетивших преподавателей.

Зав.каф.,к.м.н.,доцент

Бугубаева М,М,

Рецензия

На проведение открытого занятия ассистента преподавателя Алимовой Н.А. на тему: «Anatomical and physiological features (APF) of the respiratory system in children. »

Актуальность: В контексте анализа функционального состояния дыхательной системы у детей (АФО) остается неотъемлемой частью ранней детской медицинской практики. Современный образ жизни и окружающая среда часто подвергают новорожденных воздействию различных факторов, которые могут влиять на их дыхательную функцию. Это включает в себя воздействие загрязненного воздуха, наличие аллергенов и другие внешние воздействия, которые могут оказать отрицательное влияние на здоровье дыхательной системы младенцев.

Изучение и оценка АФО у детей приобретают высший приоритет для раннего выявления возможных отклонений и предотвращения развития дыхательных заболеваний. Раннее обнаружение дефицитов в дыхательной функции позволяет не только своевременно начать лечение, но и принимать меры по минимизации воздействия факторов риска, среди которых окружающая среда, генетические особенности и условия рождения.

Таким образом, внимание к анализу АФО дыхательной системы у детей на этапе новорожденности становится ключевым элементом стратегии ранней диагностики и профилактики, направленной на обеспечение оптимального развития и здоровья младенцев в современном медицинском контексте.

Цель: Рассмотреть основные аспекты анатомии, физиологии и функций дыхательной системы у детей.

Задачи:

- 1. Знает и понимает АФО дыхательной системы у детей.
- 2. Разработать навыки анализа результатов исследований и определения отклонений от нормы в функции дыхания у детей.
- 3. Обобщить теоретическую и практическую части, результаты изучение.

MINISTRY OF EDUCATION & SCIENCE KYRGYZ REPUBLIC DEPARTMENT OF «CLINICAL DISCIPLINES 2» INTERNATIONAL MEDICAL FACULTY OSH STATE UNIVERSITY

«Reviewed» in meeting of the department «CD 2» head of department prot. No 1 from 2908 2023,

M. M. Bugubaeva

Assoc.prof., PhD., M.D.

Academic councilor in the IMF. Endesh kyzy G.

«Recommended by » -

PLAN for PRACTICAL CLASS

TOPIC Nº 6: APF of the respiratory system in children. Methods of research of respiratory organs in children.

(palpation, percussion, auscultation). Additional (instrumental) research methods of the respiratory system in children.DISCIPLINE: "Child diseases (propaedeutic)"

For students, who is studying in direction: General medicine(for foreign medicine)

PREPARED BY: Associate Professor., Ph.D., M.D. Anarbaeva A.A., Osmonova G.Zh., Shamshiev N.O., Alimova N.A., Endesh kyzy Gulsara, Abdikarimov Ulukman.

Topic №6. APF of the respiratory system in children. Methods of research of respiratory organs in children. (palpation, percussion, auscultation). Additional (instrumental) research methods of the respiratory system in children.

Plan of practical class:

1. Describe the ratio of muscle mass relative to body weight in young children.

2. Tell us about the rule for examining the bone tissue of the skull.4

3. Explain the strength and muscle tone characterizing the signs of the state of the muscular system.

4. Describe how dynamometry is given.

5. Tell us how the bronchial tree and the lungs of the fetus form.

6. List the departments and functions of the respiratory tract in children.

7. Make a comparative analysis of the anatomical and physiological characteristics of the respiratory tract in children.

8. Tell us the technique of palpation, percussion and auscultation in children.

9. Expand the concept of "voice tremor of the chest", describe and demonstrate.

10. Tell the semiotics of disorders defined by auscultation.

11. Tell the features of instrumental research in young children, in adolescence,

12. To interpret and identify deviations in data pictometry and spirography.

13. Tell the modern methods of instrumental research of respiratory organs in children and their clinical significance.

The goal of class: To study the anatomical and physiological features, methods of examination and semiotics of disorders of the respiratory system in children.

Form of Class: subgroup lesson

Type of class: practical class 2 hours (100)

Equipments used in class: laptop, PPT, a list of test questions, pictures, K+.

Interdisciplinary communication: general anatomy, normal physiology, faculty pediatrics.

Intrasubject communication: Lecture № 5 47-=g

Learning outcomes (LO) and competencies formulated in the process of studying the discipline " Child diseases (propaedeutic)" in the process of mastering the discipline, the student will achieve the following learning outcomes (LO) and will have the appropriate competencies:

| The LO Code and its wording | Competensions of GEP | Code LO discipline (LOD) and its wording | Results of LOD: |
|---|---|---|--|
| LO-5-Able to assess morphological, functional, physiol ogical conditions and pathological processes and apply research Methods for sick adults and children to solve professional problems. LO-7- Knows how to apply basic knowledge in the field of diagnostic activities to solve problems. | AC-3-Is able and ready to evaluate morphofunctional and physiological states and pathological processes in the human body, taking into account their age and gender, for solving professional tasks, Pc-3-is able to conduct pathophysiological analysis of clinical syndromes, substantiate pathogeneticalle justified methods of diagnosis, treatment, rehabilitation and prevention among adults and children, taking into account their age and sex groups PC-12-Is able to analyze the patternsof functioning of individual organs and systems, use knowledge of anatomical and physiological features, basic methods of clinical and laboratory examination and assessment of the body of an adult and children, for diagnosis of diseases and pathological processes | LOD-5-Is able and ready to evaluate morpho-functional and physiological condition of the children interpret laboratory data and clinical manifestation. LOD-7- Knows how to apply basic knowledge in the field of diagnostic activities to solve problems. | - is able to explain AFO, research methods and semiotics of disorders of the skeletal and muscular system in children. Knows how to describe the physiological curves of the spinal column, the timing of teething according to the formula. |

| № Stages | Aim of Lecture | Actions of teacher | Actions of students | Methods | Results of study | Equipments Time used |
|----------|----------------|--------------------|---------------------|---------|------------------|----------------------|

| 1 | Organizational moments | Greeting, identifying absentees, organizing attention, introduction to new topic, | Introduction, discussion of the topic's relevance | Writing topic & its questions | Ans-Ques | pay attention to the lesson | | 8 min |
|---|--|--|--|---|---|--|-----------------------|--------|
| 2 | Survey of material on prerequisites | Generalization of students knowledge of the materials studied and establish a link with a new topic. | Asking questions and discussing with students | Selectively answer questions one by one. | Answer the questions | Recalling materials of prerequisites, contributing to self preparation | Ques-answers | 10min |
| 3 | Motivation for new topic Enhance students' mental activity, develop critical thinking Showing pictures Freely participate in the discussion, the ability to work in a team Freely participate in today's topic Freely participate in today's topic Freely participate in today's topic Freely participating in team discussions freely express their opinions | | | Pictures Application №1 | 8 min | | | |
| 4 | Foundation of new topic | determination and analysis of the assimilation of the passed material | Showing & explaining slides | Listening& writing notes | Presentation of slides | A theoretical base of knowledge and skills for use in practical exercises. | PPT, | 26 min |
| 5 | Conclusion of new topic and summing up | Definition and analysis of the material covered, making changes to its content | Demonstration of tests | Solving the tests | Solving tests | Independently use the knowledge gained on the topic, formation of competence | test | 10 min |
| | | | | | | | | |
| 6 | Homework | The main questions of the next topic | Explain how to prepare | Writing down the assignment in notebooks | | Prepare answers for specific questions | Board, markers,PPT | 8 min |
| 7 | Associate | To analyze the education of students | Submit situational issues | Send the answers | | supplement the acquired knowledge | | 10 min |
| 8 | Checking the students and their knowledge | Teach students to self-esteem | Correction | Answer each other to specific questions asked. | Questioning and checking each other | Getting information about how much students understood the new topic. | Examples & questions | 10 min |

| No | Form of control | Score | Criteria for evaluation | | |
|----|--|-------|--|--|--|
| 1 | 1 Oral 7 Describes the material, completely gives the correct definition of the basis, | | | | |
| | questioning | | Discovers an understanding of the material. can schematically draw and explain, can substantiate his judgments. | | |
| | | 5 | Presents the material in full, but admits inaccuracies in the definition of concepts or formulation of the topic. | | |
| | | | Does not know how to substantiates judgments deeply and convincingly and give yis examples. | | |
| | | 3 | Presents the material incompletely and makes gross errors in the definition of concepts or formulation of the topic. | | |
| | | | Does not know how to substantiate their judgments. | | |
| | | 0 | Lack of knowledge and competencies within the educational standart. Refusal to answer. | | |
| 2 | Practice | 7 | Can apply knowledge in practice, correctly demonstrate on models. | | |
| | | 5 | In practice makes some mistakes in demonstration on models. | | |
| | | 0 | Cannot demonstrate on models. | | |
| | | | | | |

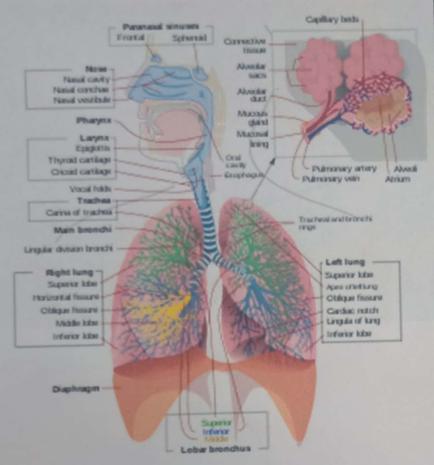
| 3. | Pinning the | 6 | Correct answer 70%-100% |
|----|-------------------------|---|--|
| | topic (test control) | 5 | Correct answer 50%-70% |
| | | 0 | Correct answers before 50 % |
| 4 | Question- answer | 6 | Provides specific answers to the question. |
| H | | 5 | Presents the material, but the answers are not accurate to question. |
| | | 0 | |
| 5 | Note | 4 | Lack of knowledge. All the topics proposed for the note-taking were worked out, the material of the sources was read, the main and the secondary were selected. |
| | | 0 | Lack of notes. |

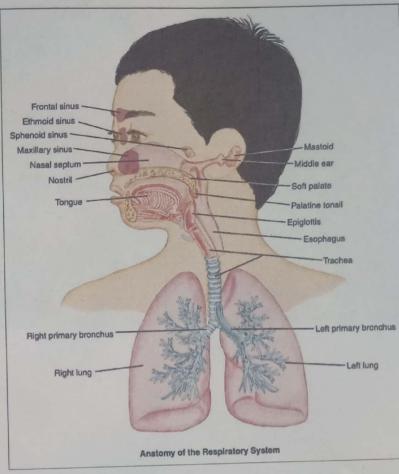
List of recommended literature

Main literature

- 1. Propaedeutics childhood diseases childcare: Textbook / Ed. TV Captain. M.: MEDpress Inform, 2006 -704 p.
- 2. Propaedeutics childhood diseases: Textbook / Ed. RR Kildiyarovoy, VI Makarova. M.: GEOTAR Media, 2012. 680 p.
- 3. Propaedeutics childhood diseases: Textbook / Ed. NA Geppe, NS Podchernyaeva M: GEOTAR Media, 2009. 464 p.
- 4 Mazurin AV Propaedeutics childhood diseases / AV Mazurin, IM Vorontsov SPb .: Tome, 2001.- 928 p.

- 5. Poliklinicheskaya pediatrics: medical examination of children: ucheb method. Manual / Under the general editorship. IN Gaymolenko, OA Tihonenko Chita: IPC GOU VPO Chelyabinsk State Medical Academy, 2010. - 106 p.
- 6. Shabalov NP Childhood diseases. SpetsLit: Saint-Petersburg. 2007 628
- 7. Kildiyarova RR Pediatrician for every day: a handbook / RR Kildiyarova. 6 th ed., Rev. and add. M.: GEOTAR Media, 2009. 160 p.
- 8. Children's illnesses. The textbook for doctors pediatricians / ed. VAShcherbak. ChitaExpress publishing, 2008. 800 p.





Application №1



