

## **PROVISION**

### **about the procedure of hosting and organizing the All-Russian Pediatrician Forum of Students and Young Scientists with international participation "Virtuoso of Pediatrics"**

#### **1. Main points**

- 1.1. This provision defines the goals, issues and rules of hosting the All-Russian Pediatrician Forum of Students and Young Scientists with international participation "Virtuoso of Pediatrics" (hereinafter referred to as the Forum), its organizational and methodological support, the composition of the organizing committee (hereinafter referred to as the Organizing Committee), as well as the procedure for summing up the results and rewards for winners.
- 1.2. Main goals and issues of Forum:
  - Maintaining a high level of knowledge for scientific researches in pediatrics, as a result promoting researches in this area;
  - Developing skills of research work conduction among students and young scientists;
  - To form a professional community of students and young scientists;
  - To encourage the development of professional and creative potential of students;
  - To introduce the information about innovative technologies used in pediatrics for the treatment, diagnosis and prevention of childhood diseases;
  - To create a platform for enhanced professional connections and more widespread information-sharing networks.
- 1.3. The Founder of the Forum is Federal State Autonomous Educational Institution of Higher Education First Moscow State Medical University named after I.M. Sechenov of the Ministry of Health of the Russian Federation (Sechenov University) (hereinafter - Sechenov University).
- 1.4. The co-organizers of the Forum are:
  - Non-profit organization Association of Pediatric Rheumatologists;
  - Federal State Autonomous Institution "National Medical Research Center for Children's Health" of the Ministry of Health of the Russian Federation;
  - State Budgetary Healthcare Institution of the City of Moscow "Children's City Clinical Hospital named after G.N. Speransky of the Moscow City Health Department"
- 1.5. Participation in all Forum events is voluntary. There is no participation fee.

#### **2. Organization and holding of the Forum**

- 2.1. The Forum is held at the site of the Institute of Electronic Medical Education of Sechenov University.
- 2.2. The Forum is held annually. The dates of the Forum are set by the Organizing Committee.
- 2.3. The following events are held within the framework of the Forum:
  - The Sixth scientific and practical conference of students and young scientists with international participation (hereinafter referred to as the Conference);
  - The Fourth All-Russian Pediatric Interdisciplinary Student Olympiad «Kaleidoscope of Knowledge» with international participation (hereinafter referred to as «Kaleidoscope of Knowledge» Olympiad);
  - The Third All-Russian Pediatric Interdisciplinary Student Olympiad «Clinical debut» with international participation (hereinafter referred to as «Clinical debut» Olympiad);
  - The Sixth All-Russian Olympiad «Virtuoso of Pediatrics» with international participation (hereinafter – «Virtuoso of Pediatrics» Olympiad);

### **3. Organizational and methodological support of the Forum**

- 3.1. An Organizing Committee is created to organize and hold the Forum. The Organizing Committee carries out the general management of the Forum and all events held within its framework.
- 3.2. The composition of the Organizing Committee is formed from among the representatives of the administration, the teaching staff and the student council of the Clinical Institute of Children's Health named after N.F. Filatov of Sechenov University.
- 3.3. Forum's Organizing Committee:
  - determines the terms and dates of the Forum;
  - establishes the regulations for holding the Forum and its events;
  - determines the list of events held within the framework of the Forum;
  - determines the format of the Forum and its events (classroom, classroom with online broadcast, online). When determining the format, it is guided by the requirements of Rospotrebnadzor and the resolutions of the Mayor of Moscow on holding public events;
  - ensures direct holding of the Forum;
  - organizes information support of the Forum;
  - approves the composition of the Organizing Committees of the Forum events;
  - approves the composition of the expert groups of the Forum events;
  - develops and approves the program of events of the Forum;
  - makes an estimate of the costs of the Forum's events;
  - approves the winners of the Forum events and awards them;
  - organizes expert evaluation of the works presented at the Forum events;
  - may involve third parties as official partners, co-organizers or sponsors;
  - performs other functions for organizing the work of the Forum and its events.

### **4. Terms and procedure of the Forum**

- 4.1. Students and young scientists up to and including 35 years of age can take part in the Forum.
- 4.2. To participate in the Forum, it is necessary to register using the appropriate registration form for one or more events held within the framework of the Forum. The registration forms are available on the Forum's information resources (the official group on the social network VKontakte at <https://vk.com/virtuozpediatrii>, on the official website of the Forum at <http://pediatricforum-sechenov.ru/>, or in the official Telegram channel [https://t.me/virtuoz\\_pediatrii\\_2024](https://t.me/virtuoz_pediatrii_2024)).
- 4.3. The application for participation must be sent no later than the date specified in the information mail.
- 4.4. Notification of Forum participants about the format of the event is carried out by posting relevant information on the forum website at <http://pediatricforum-sechenov.ru/>, in the official group on the social network VKontakte at <https://vk.com/virtuozpediatrii>, in the official Telegram channel [https://t.me/virtuoz\\_pediatrii\\_2024](https://t.me/virtuoz_pediatrii_2024), as well as through an informational mailing to registered users.
- 4.5. The procedure for holding, participation and evaluation criteria of participants of the Forum events are set out in the appropriate Order about the event.
- 4.6. Summing up and awarding the winners is carried out at the closing ceremony of the Forum and/or its events.

### **5. Financial support of the Forum**

- 5.1. The financing of the Forum is carried out at the expense of funds received from sponsorship contributions, grants of the University.

5.2. Expenses for travel and accommodation of nonresident Forum participants are borne by the sending organizations.

## **6. The order for holding of the The Sixth scientific and practical conference of students and young scientists with international participation**

### **6.1. General points**

- 6.1.1. The Scientific and Practical Conference of Students and Young Scientists with International Participation (hereinafter referred to as the Conference) is an event of the All-Russian Pediatric Forum of Students and Young Scientists with International Participation "Virtuoso of Pediatrics" and in its organization and work is guided by the Regulations on the procedure for holding and organizing the All-Russian Pediatric Forum of Students and Young Scientists with International Participation "Virtuoso of Pediatrics".
- 6.1.2. The languages of the conference are Russian and English.
- 6.1.3. The Conference is held in a hybrid format.
- 6.1.4. This Order defines the tasks, the circle of participants, the topic of the Conference, the conditions of participation, the requirements for the submitted materials.

### **6.2. The Objectives of the Conference**

- 6.2.1. The Intellectual and creative development of young scientists and specialists.
- 6.2.2. Showcasing the best achievements of young scientists and specialists in research activities in the field of Pediatrics, Obstetrics and Gynecology, Perinatal medicine, pediatric Surgery, pediatric Urology-Andrology, pediatric Cardiology, pediatric Dentistry, Neonatology, pediatric Oncology, pediatric Hematology, pediatric Endocrinology.
- 6.2.3. Acquiring of the skills for scientific discussions and public performances by students and young scientists.
- 6.2.4. Systematization of scientific data about the actual problems of Pediatrics, search for evidence-based approaches to their solution.

### **6.3. Organizational and methodological support of the Conference**

- 6.3.1. For the Conference, the Organizing Committee of the Forum creates and approves the Organizing Committee of the Conference.
- 6.3.2. The Organizing Committee of the Conference:
- establishes the rules of the Conference;
  - forms the Conference's program;
  - ensures the direct holding of the Conference;
  - organizes information support for the Conference;
  - approves the number of sections of the conference and their chairmen;
  - approves the number and composition of expert commissions required for the preparation of the conference;
  - approves the list of winners and prize-winners of the Conference;
  - an editorial committee is created to evaluate the abstracts of the reports in order to make a decision on publication in the conference proceedings;
  - the order of formation of the editorial committee is determined by the Organizing Committee;
  - performs other functions in accordance with this Order;
- 6.3.3. For the Conference, the Organizing Committee creates expert Commissions of the Conference.

6.3.4. The Commission is formed from among the faculty of Sechenov University, employers and approved by the Organizing Committee of the Forum.

6.3.5. The expert Commissions of the Competition:

- evaluate the results of all stages of the Conference;
- determine the winners and prize-winners of the Conference;

#### **6.4. Conditions of participation in the Conference**

6.4.1. Students and young scientists under the age of 35 are allowed to participate in the conference.

6.4.2. To participate in the Conference, it is necessary to fill out the participant questionnaire and send the abstracts of the scientific work and/or clinical example to the corresponding form at the following link within the timeframe specified in the information letter.

[https://docs.google.com/forms/d/e/1FAIpQLScW39Adf3hO-g6Jb4BwygO-4fnqgOrXJIN\\_62l15eYKq87vzQ/viewform](https://docs.google.com/forms/d/e/1FAIpQLScW39Adf3hO-g6Jb4BwygO-4fnqgOrXJIN_62l15eYKq87vzQ/viewform)

6.4.3. Abstracts should not be previously published.

6.4.4. According to the results of the Conference, it is planned to publish the materials in a journal indexed in the RSCI database.

6.4.5. The Organizing Committee reserves the right to refuse to print in the collection of abstracts if the submitted materials do not correspond to the topic of the conference or the design requirements.

6.4.6. Abstracts in Russian and English are allowed to participate in the conference.

6.4.7. Participants can submit research papers in the following areas:

- Obstetrics, Gynecology and Perinatal medicine
- Pediatrics
- Pediatric Cardiology
- Pediatric Dentistry
- Pediatric Oncology/Hematology
- Pediatric Urology-Andrology
- Pediatric Surgery
- Pediatric Endocrinology
- Pediatric Neurology
- Neonatology
- Hygiene of children and adolescents

6.4.8. The topics and content of the Conference sections can be expanded by the decision of the Organizing Committee of the conference, depending on the number of submitted reports.

#### **6.5. Requirements for the materials**

6.5.1. The results of original research and clinical observations are accepted for participation in the Conference.

6.5.2. The responsibility for the observance of copyright, intellectual property rights submitted for participation in the Conference is borne by the supervisor and the author who submitted the work.

6.5.3. Submission of an application by the author for participation in the Conference means acceptance of the terms of the Forum and the Conference set out in the Regulations on the Forum and the Procedure for holding the Conference.

6.5.4. Evaluation of research work (R&D) and clinical examples will be carried out according to the criteria approved by the Organizing Committee.

6.5.5. The requirements for abstracts are specified in Appendix 1.

6.5.6. The Organizing Committee reserves the right to make changes to the criteria for evaluating research and clinical examples.

## **6.6. Holding of the Conference**

6.6.1. Conference venue: Institute of Electronic Medical Education of the Sechenov First Moscow State Medical University of the Ministry of Health of Russia (Sechenov University).

6.6.2. Registration of participants of the conference, plenary sessions, work on sections of the conference, other events of the conference are held within the time limits set by the organizing committee of the conference.

6.6.3. The work on the sections is carried out in the classrooms and at the sites specified in the conference program.

## **6.7. Summing up the results of the Conference**

6.7.1. At the end of the conference, the chairmen of the sections, together with the expert Commissions, determine the best reports of the participants of each section.

6.7.2. The Organizing Committee approves the results of the work of the sections on awarding diplomas to the participants of the conference.

6.7.3. Participation in the conference is confirmed by a certificate.

## **7. The order for holding of the «Kaleidoscope of Knowledge» Olympiad**

### **7.1. Organization and holding of the «Kaleidoscope of Knowledge» Olympiad**

7.1.1. The date and venue of the «Kaleidoscope of Knowledge» Olympiad are indicated in the information mail.

7.1.2. To participate in the Olympiad «Kaleidoscope of Knowledge» it's necessary to fill out the registration form located in the official group of the Forum at <https://vk.com/virtuozpediatrii>, in the official Telegram channel [https://t.me/virtuoz\\_pediatrii\\_2024](https://t.me/virtuoz_pediatrii_2024), or on the website at <https://pediatricforum-sechenov.ru/>.

7.1.3. The application for participation must be sent no later than the date indicated in the information mail.

7.1.4. No more than three teams from a university can participate in the final stage of the Olympiad.

7.1.5. If the maximum possible number of teams required for the proper conduct of the Olympiad "Kaleidoscope of Knowledge" is reached, the Organizing Committee reserves the right to refuse participation to a university with one or more teams.

7.1.6. The "Kaleidoscope of Knowledge" Olympiad is held in the form of a game designed for one day.

7.1.7. The responsibility for organizing the preparation and holding of the Junior Olympiad is assigned to the Clinical Institute of Children's Health named after N. F. Filatov of the Sechenov University.

7.1.8. Participants of the Olympiad can be students of 1-2 courses of medical universities (the team can be mixed);

7.1.9. The team consists of strictly 5 people.

7.1.10. To ensure compliance with the rules of the Olympiad «Kaleidoscope of Knowledge» the Organizing Committee appoints Curators for the teams.

### **7.2. Organizational and methodological support of the «Kaleidoscope of Knowledge» Olympiad**

7.2.1. For the «Kaleidoscope of Knowledge» Olympiad, the Organizing Committee of the Forum creates and approves the organizing committee of the «Kaleidoscope of Knowledge» Olympiad.

7.2.2. The composition of the Organizing Committee of the Junior Olympiad is formed from among the administration and teaching staff of the I.M. Sechenov First Moscow State Medical University, representatives of the student Council of the N.F. Filatov Clinical Institute of Children's Health of the I.M. Sechenov First Moscow State Medical University.

7.2.3. The Organizing Committee of the Olympiad:

- develops and approves the Regulations on holding the «Kaleidoscope of Knowledge» Olympiad;
- determines the dates and venue of the «Kaleidoscope of Knowledge» Olympiad;
- ensures the direct conduct of the «Kaleidoscope of Knowledge» Olympiad;
- organizes information support for the «Kaleidoscope of Knowledge» Olympiad;
- determines the procedure for summing up the results of the «Kaleidoscope of Knowledge» Olympiad and encouraging the winners;
- provides a report on the «Kaleidoscope of Knowledge» Olympiad;
- performs other functions in accordance with this Order.

7.2.4. For the «Kaleidoscope of Knowledge» Olympiad, the Organizing Committee creates a jury of the Olympiad, which is approved by the Organizing Committee of the Forum.

7.2.5. The jury is formed from among the teaching staff of the I.M. Sechenov First Moscow State Medical University.

7.2.6. If necessary, at the discretion of the organizing committee, the jury may be supplemented by representatives from among the administration and teaching staff of other universities.

7.2.7. Functions of the expert Commission:

- evaluates the results of all stages and rounds of the «Kaleidoscope of Knowledge» Olympiad;
- determines the winners and prize-winners of the «Kaleidoscope of Knowledge» Olympiad.

7.2.8. As methodological support for the Olympiad «Kaleidoscope of Knowledge» tasks compiled and approved by the faculty members of the following departments are used: normal anatomy and histology, cytology and embryology, normal physiology, biological chemistry, as well as the student scientific circle on the history of medicine at Sechenov University.

### **7.3. The Order for holding the fourth «Kaleidoscope of Knowledge» Olympiad**

7.3.1. «Kaleidoscope of Knowledge» Olympiad will be held in online format.

7.3.2. Within the deadlines specified in the information letter, a qualifying round will be held remotely. (Appendix 2)

7.3.3. The qualifying round will be conducted in the form of testing. The test assignments will include all disciplines of the Olympiad «Kaleidoscope of Knowledge» (normal anatomy, normal physiology, biochemistry, histology, and the history of medicine).

7.3.4. The time for answering the qualifying testing is limited.

7.3.5. Based on the results of the qualifying round, a ranking list will be formed.

7.3.6. An additional round may be held if teams have an equal number of points.

7.3.7. The top 40 teams from the rating list will advance to the final stage of the «Kaleidoscope of Knowledge» Olympiad.

7.3.8. Before the start of the «Kaleidoscope of Knowledge» Olympiad, participants need to go through the identification process, for this they must have a valid student ID (original).

7.3.9. If at least one of the participants does not provide a student ID, the entire team is not allowed to participate in the «Kaleidoscope of Knowledge» Olympiad.

7.3.10. Rules for finding participants at stations:

- participants are prohibited from using the means of communication;

- participants are prohibited from using reference material.

7.3.11. Failure to comply with the rules prescribed in clause 7.3.10. will result in disqualification of the team.

7.3.12. The format of the «Kaleidoscope of Knowledge» Olympiad is a game.

7.3.13. Each team must complete challenges and accumulate as many points as possible to participate in the overall team standings.

7.3.14. The Olympiad presents tasks evaluating knowledge in 5 disciplines:

- normal anatomy with specific features of childhood;
- normal physiology with specific features of childhood;
- biological chemistry;
- histology, cytology and embryology;
- history of medicine.

7.3.15. Description of the Olympiad game «Kaleidoscope of Knowledge»:

The Olympiad «Kaleidoscope of Knowledge» will take place in game format. During the Olympiad, teams will need to implement the storyline proposed by the Host of the Olympiad.

The Olympiad «Kaleidoscope of Knowledge» consists of three stages.

### **Stage 1**

1. All team players participate.
2. The stage takes place in the format of «Jeopardy!».
3. Participants must answer 10 questions from the categories: normal anatomy, normal physiology, biochemistry, histology, and the history of medicine to successfully complete the stage.

### **Stage 2**

1. All team players participate.
2. The stage will be held in quiz format.
3. Team members need to solve 4 tasks in the subjects of normal anatomy, normal physiology, histology, cytology and embryology, biological chemistry and history of medicine.

### **Stage 3**

1. All team players participate.
2. Participants will be asked to solve rebuses within the categories of human anatomy with specific features of childhood, normal physiology with specific features of childhood, biochemistry, histology, and the history of medicine.
3. For each correct answer, the team receives 2 points, and for each incorrect answer, 1 point is deducted. If there is no answer, the team gets 0 points.

## **7.4. Summing up the results of the «Kaleidoscope of Knowledge» Olympiad**

7.4.1. The winners and prize-winners of the «Kaleidoscope of Knowledge» Olympiad are determined at the jury meeting on the basis of the score-rating table and approved by the protocol.

7.4.2. All participants of the «Kaleidoscope of Knowledge» Olympiad receive a Certificate of Participation.

7.4.3. The winning team in the overall standings is determined as the team that accumulates the highest number of points based on the results of Stages 2 and 3 of the Olympiad. Points from Stage 1 are not included in the final tally.

7.4.4. With the same number of points scored, it is allowed to award equivalent prizes to several teams.

- 7.4.5. The winners of the «Kaleidoscope of Knowledge» Olympiad are awarded with diplomas of the 1st degree, 2nd or 3rd degree, depending on the results achieved, as well as valuable prizes.
- 7.4.6. Individual representatives of the teams and the team as a whole can receive diplomas as particularly distinguished in individual competitions.

## **8. The Order for holding of the Third «Clinical debut» Olympiad with an international participation**

### **8.1. Organization and holding of the Olympiad «Clinical Debut»**

- 8.1.1. The date and Venue of the Olympiad «Clinical Debut» are indicated in the information letter.
- 8.1.2. To participate in the Olympiad «Clinical Debut» you need to fill out the registration form posted in the official group of the Forum at <https://vk.com/virtuozpediatrii>, in the official Telegram channel [https://t.me/virtuoz\\_pediatrii\\_2024](https://t.me/virtuoz_pediatrii_2024), or on the website at <https://pediatricforum-sechenov.ru/>.
- 8.1.3. The registration form for participation is considered valid if it includes a PDF file of the application. The application must be certified by:
- 8.1.3.1. The team's leader from among the teaching staff of the educational institution;
- 8.1.3.2. The director of the institute or dean of the faculty;
- 8.1.3.3. The vice-rector for academic affairs or rector of the educational institution.
- 8.1.4. The application for participation must be sent no later than the date specified in the information mail.
- 8.1.5. No more than two teams from each university can participate in the Olympiad «Clinical Debut». The decision to send teams to the Olympiad is made by the sending university.
- 8.1.6. In case more applications are submitted from a single university, the decision on team participation will be made individually by the Organizing Committee of the "Clinical Debut" Olympiad.
- 8.1.7. For teams from Sechenov University, a qualifying stage will be organized. The dates for the qualifying stage are set for the second ten days of April.
- 8.1.8. The team must consist strictly of 5 people. Only students from the 3rd and 4th years are allowed to participate.
- 8.1.9. The «Clinical debut» Olympiad is held in the form of a game designed for one day.
- 8.1.10. Responsibility for the organization of the preparation and holding of the «Clinical debut» Olympiad is assigned to the Clinical Institute of Children's Health named after N.F. Filatov Sechenov University.
- 8.1.11. To ensure compliance with the rules of the «Clinical Debut» Olympiad, the Organizing Committee appoints Team Curators.

### **8.2. Organizational and methodological support of the «Clinical debut» Olympiad**

- 8.2.1. To conduct the «Clinical debut» Olympiad, the Organizing Committee of the Forum creates and approves the organizing committee of the «Clinical debut» Olympiad.
- 8.2.2. The composition of the Organizing Committee of the «Clinical debut» Olympiad is formed from among the administration and teaching staff of the I.M. Sechenov First Moscow State Medical University, representatives of the student Council of the N.F. Filatov Clinical Institute of Children's Health of the I.M. Sechenov First Moscow State Medical University.
- 8.2.3. The Organizing Committee of the «Clinical debut» Olympiad:
- develops and approves the Regulations on holding the «Clinical debut» Olympiad;
  - determines the dates and venue of the «Clinical debut» Olympiad;
  - ensures the direct holding of the «Clinical debut» Olympiad;



- organizes informational support for the Clinical Debut «Clinical debut» Olympiad;
  - determines the procedure for summing up the results of the «Clinical debut» Olympiad and encouraging the winners;
  - provides a report on the conducted «Clinical debut» Olympiad;
  - performs other functions in accordance with this Procedure.
- 8.2.4. To conduct the «Clinical debut» Olympiad, the Organizing Committee creates a jury of the Olympiad, which is approved by the Organizing Committee of the Forum.
- 8.2.5. The jury is formed from among the teaching staff of the I.M. Sechenov First Moscow State Medical University.
- 8.2.6. If necessary, at the discretion of the organizing committee, the jury may be supplemented by representatives from among the administration and teaching staff of other universities;
- 8.2.7. Functions of the expert Commission:
- evaluates the results of all stages and rounds of the «Clinical debut» Olympiad;
  - determines the winners and prize-winners of the «Clinical debut» Olympiad;
- 8.2.8. As part of the methodological support for the Olympiad, tasks compiled and approved by the faculty members of the following departments are utilized: pathological anatomy, pathological physiology, pharmacology, propaedeutics of pediatric diseases, as well as the student scientific circle on the history of medicine at Sechenov University.

### **8.3. The order of the «Clinical debut» Olympiad**

- 8.3.1. Before the start of the «Clinical debut» Olympiad, participants must go through the identification process, for this they must have a valid student ID (original).
- 8.3.2. If at least one of the participants does not provide a student ID, the entire team is not allowed to participate in the «Clinical debut» Olympiad.
- 8.3.3. Rules for participants at stations:
- participants are prohibited from using the means of communication;
  - participants are prohibited from using reference material other than the one that can be issued at the stations.
- 8.3.4. Failure to comply with the rules prescribed in clause 8.3.3. will result in disqualification of the team.
- 8.3.5. The form of the «Clinical debut» Olympiad is a game.
- 8.3.6. Tasks evaluating knowledge in 5 disciplines will be presented at the «Clinical debut» Olympiad:
- Propaedeutics of childhood diseases
  - Pathological anatomy
  - Pathological physiology
  - Pharmacology
  - History of medicine
- 8.3.7. Description of the course of the intramural part of the Olympiad "Clinical debut".  
The full-time round of the «Clinical debut» Olympiad includes 4 stages.  
**The draw** determines the order in which the competitive trials are taken. The draw also determines the team member who will become the player for the 2nd stage of the Olympiad (see below).

#### **Stage 1**

1. Four team members participate.
2. Players need to go through 7 stations (4 stations on propaedeutics of childhood diseases, 3 stations on pathological anatomy, on pathological physiology and pharmacology).

3. The order of passage is determined by drawing lots.
4. There will be both theoretical tasks and practical skills at the stations:
  - testing of practical skills in propaedeutics of children's diseases is carried out in the format of an Objective structured clinical exam;
  - tasks in all areas correspond to the level of training in the relevant modules of the Accreditation and Simulation Center of the Institute of Electronic Medical Education of Sechenov University;
  - the number of tests, the list of tested skills and scenarios of simulation cases in each direction is determined by the organizing committee and is confidential information.

## **Stage 2**

1. One team member participates.
2. The main player needs to solve test tasks on pathological anatomy, pathological physiology, propaedeutics of childhood diseases, pharmacology and history of medicine.
3. The player earns points for correctly answering a question. Points are deducted for incorrect answers.

## **Stage 3**

1. All team players participate.
2. Teams need to solve four cases in pathological anatomy, pathological physiology, propaedeutics of pediatric diseases, and pharmacology, each presented in a case format with three questions per task.

## **Stage 4**

1. All team players participate;
2. This stage will take the form of a quiz covering all the disciplines of the Olympiad (pathological anatomy, pathological physiology, propaedeutics of pediatric diseases, pharmacology, and the history of medicine).

### **8.4. Summing up the results of the «Clinical debut» Olympiad**

- 8.4.1. The final results, determination of prize winners, and identification of the Olympiad champions are carried out using a rating system.
- 8.4.2. The winners and prize-winners of the Olympiad «Clinical Debut» are determined at the meeting of the jury on the basis of the score-rating table and approved by the protocol.
- 8.4.3. All participants of the Olympiad «Clinical Debut» receive a Certificate of participation.
- 8.4.4. The winners of the «Clinical Debut» Olympiad are awarded with diplomas of the 1st degree, 2nd or 3rd degree, depending on the results achieved, as well as valuable prizes.
- 8.4.5. Teams can receive diplomas as particularly distinguished in individual competitions.

## **9. The Order for holding of the Sixth «Virtuoso of Pediatrics» Olympiad**

### **9.1. Organization and holding of the «Virtuoso of Pediatrics» Olympiad**

- 9.1.1. The date and venue for the Olympiad «Virtuoso of Pediatrics» are indicated in the information letter.
- 9.1.2. To participate in the Olympiad «Virtuoso of Pediatrics», fill out the registration form posted in the official group of the Forum at <https://vk.com/virtuozpediatrii>, in the official Telegram channel [https://t.me/virtuoz\\_pediatrii\\_2024](https://t.me/virtuoz_pediatrii_2024), or on the website at <https://pediatricforum-sechenov.ru/>.

- 9.1.3. The registration form for participation is considered valid if it includes an attached PDF file of the application. The application must be certified by:
- 9.1.3.1. The team leader from among the teaching staff of the educational organization;
- 9.1.3.2. The director of the institute or dean of the faculty;
- 9.1.3.3. The vice-rector for academic affairs or rector of the educational organization.
- 9.1.4. The application for participation must be sent no later than the date indicated in the information mail.
- 9.1.5. No more than three teams from the university can participate in the «Virtuoso of Pediatrics» Olympiad.
- 9.1.6. In case of submitting more applications from the university, the decision on the participation of teams will be made by the Organizing Committee of the «Virtuoso of Pediatrics» Olympiad individually.
- 9.1.7. The organizing committee reserves the right to refuse the participation of 1 or more teams to the university, in case of recruiting the maximum number of participating teams.
- 9.1.8. For teams from Sechenov University, a qualifying round will be held. The dates for the qualifying round are scheduled for the first ten days of April.
- 9.1.9. The team must consist strictly of 5 people. Students of 5-6 courses are allowed to participate.
- 9.1.10. The «Virtuoso of Pediatrics» Olympiad is held in two stages, distributed over two days:

### **Day 1**

- Team introduction
- Intellectual tournament

### **Day 2**

- Practical stage
- Intellectual tournament
- Talent Contest «Creative Five Minutes»

## **9.2. Organizational and methodological support of the «Virtuoso of Pediatrics» Olympiad**

- 9.2.1. To hold the «Virtuoso of Pediatrics» Olympiad, the Organizing Committee of the Forum creates and approves the Organizing Committee of the «Virtuoso of Pediatrics» Olympiad.
- 9.2.2. The composition of the Organizing Committee is formed from among the administration and faculty of the Sechenov university, representatives of the student council of the Clinical Institute of Children's Health named after N.F. Filatov of Sechenov university.
- 9.2.3. Organizing Committee of the «Virtuoso of Pediatrics» Olympiad:
- establishes the rules of conduct;
  - provides direct conduct;
  - organizes informational support;
  - approves the list of winners and prize-winners;
  - performs other functions in accordance with this Order.
- 9.2.4. To conduct the «Virtuoso of Pediatrics» Olympiad, the Organizing Committee creates the jury of the Olympiad.

9.2.5. The composition of the jury is formed from among the teaching staff of the First Moscow State Medical University of I.M. Sechenov, employers, invited team leaders from other universities and approved by the Organizing Committee of the Forum.

9.2.6. Jury of the «Virtuoso of Pediatrics» Olympiad:

- evaluates the results of all stages and rounds;
- determines the winners and prize-winners;

9.2.7. To ensure compliance with the rules of the «Virtuoso of Pediatrics» Olympiad, the Organizing Committee appoints Team Curators.

### **9.3. The procedure for holding competitions**

9.3.1. Before the start of the «Virtuoso of Pediatrics» Olympiad, participants must go through the identification process, for this they must have a valid student ID (original);

9.3.2. If at least one of the participants does not provide a student card, the entire team is not allowed to participate in the «Virtuoso of Pediatrics» Olympiad;

9.3.3. Rules for participants at the stations:

- participants are prohibited from using means of communication;
- participants are prohibited from using reference material other than that which may be issued at the stations.

9.3.4. Failure to comply with the rules prescribed in paragraph 9.3. will lead to the disqualification of the team.

9.3.5. Practical stage:

The stage includes the implementation of practical skills in 3 areas of medical activity:

- provision of emergency and urgent medical care;
- professional communication with the patient;
- physical examination of the patient.

#### **Providing emergency and urgent medical care to the patient.**

The practical implementation of algorithms for providing emergency and emergency medical care to a patient in a life-threatening condition, the ability to work effectively in a team are evaluated. For the development of tests and evaluation tools, materials of the European Council for Resuscitation, the National Council for Resuscitation and Clinical recommendations of the Ministry of Health of the Russian Federation are used. Tests in this area are carried out using a specialized robot simulator. 2 people participate in the competition. The selection of contestants from a team is determined by a draw.

#### **Professional communication with the patient.**

Clinical cases in this area assess the ability to collect significant medical data about the patient through conversation, competently inform the patient about the issues of his state of health and resolve difficulties in the process of communication with the patient. The test is conducted with a simulated patient acting as the patient/parent of the patient. 1 person participates in the competition. The choice of the contestant from the team is determined by a draw.

#### **Physical examination of the patient.**

As part of the tests in this area, the practical implementation of algorithms for a physical examination of a patient by organ systems is evaluated. The test is conducted using organ system examination simulators and/or with standardized patients. 1 person participates in the competition. The choice of the contestant from the team is determined by a draw.

**\* Some stations may include the need to use all practical skills**

9.3.6. All tests are conducted in the format of an Objective Structured Clinical Exam.

9.3.7. Tasks in all areas correspond to the level of training in the relevant modules of the Accreditation and Simulation Center of the Institute of Electronic Medical Education of Sechenov University.

9.3.8. The number of tests, the list of tested skills and scenarios of simulation cases for each direction is determined by the organizing committee and is confidential information.

9.3.9. The distribution of team members is determined by a draw immediately before the practical stage

9.3.10. The head of the team (a representative of the teaching staff) has the right to be in the working area of the expert examination group and observe the passing of tests by his team.

***\* Team leaders from one university can be in the working area of the expert examination group only at the time of passing the tests by the last team from this university according to the draw.***

9.3.11. Intellectual tournament.

The intellectual tournament consists of four stages. During the intellectual tournament, theoretical knowledge is assessed in the following categories:

1. Main sections of pediatrics
2. Main sections of pediatric surgery
3. Assessment of general erudition in near-medical areas (art in medicine, history of medicine, etc.).

***Medical quest***

- whole team is involved;
- this stage involves completing stations that assess the team's theoretical preparation in various fields of pediatrics, pediatric surgery, general erudition, and proficiency in examination skills;
- each station has a time limit of no more than 10 minutes;
- The quality of performance at each station will be evaluated by the tutors of the respective stations;

***What? Where? When?***

- whole team is involved;
- this stage includes a classic game of What? Where? When? on medical and near-medical issues;
- the evaluation of the decision will be carried out by the jury;

***Competition of clinicians***

- only one person participates. The choice of the participant of the competition from the team is determined by a draw;
- this stage consists of solving a situational task;
- competition has a time limit of no more than 60 minutes;

### ***Erudite Competition «All or Nothing»***

- whole team is involved;
- this stage includes 4 groups of tasks of different complexity (1 is the easiest, 4 is the most difficult), each of which contains 4 questions;
- the time limit for this task is 20 minutes;
- for each correct answer, the team receives points corresponding to the difficulty category of the question;
- for an incorrect answer, points will be deducted in accordance with the category of difficulty of the question:
  - 1 category of complexity (1 question - 1 point)
  - 2 category of complexity (1 question - 2 points)
  - 3 category of complexity (1 question - 3 points)
  - 4 category of complexity (1 question - 4 points)
- no points will be deducted for non-response.

### ***Talent Contest «Creative Five Minutes»***

Rules of conducting:

- Both individual team members and the entire team can participate in the competition;
- The talent contest consists of two stages: a qualifying round and a final

Qualifying Round: Evaluation of Video Presentations.

To participate in the qualifying round, participants need to record a video presentation about themselves and their planned performance in any format

Requirements for the presentation:

- Duration up to 5 minutes.
- MP4 format.

The video should be attached as a file to the application in the designated form, which can be found in the official group of the Forum at <https://vk.com/virtuozpediatrii>, in the official Telegram channel [https://t.me/virtuoz\\_pediatrii\\_2024](https://t.me/virtuoz_pediatrii_2024), or on the website at <https://pediatricforum-sechenov.ru/>.

The evaluation of video presentations is done by an expert committee. Participants who pass the selection process will be invited to the final stage no later than April 20, 2025.

Final: Live Performance

The results of the Contest will be announced on the closing day of the «Virtuoso of Pediatrics» Olympiad.

#### **9.4. The procedure for summing up the results of the «Virtuoso of Pediatrics» Olympiad**

9.4.1. The final results, determination of prize winners, and identification of the Olympiad champions are carried out using a rating system.

9.4.2. Winners and prize-winners of the Senior Olympiad are determined at a jury meeting and approved by the protocol.

- 9.4.3. All participants of the Olympiad receive a Participation Certificate.
- 9.4.4. Teams with the same number of points scored are allowed to award equivalent prizes.
- 9.4.5. The winners of the Senior Olympiad are awarded diplomas of the 1st degree, 2nd or 3rd degree, depending on the results achieved, as well as valuable prizes.
- 9.4.6. Individual representatives of the teams and the team as a whole can receive diplomas as particularly distinguished in individual competitions.
- 9.4.7. Individual team members and the entire team may receive diplomas for outstanding achievements in individual competitions.

### Requirements for the design of abstracts

The main text of the work should not exceed 2500 characters in Microsoft Word, in \*.doc format (in Russian; font Times New Roman, 14 pt; single line spacing, right margin – 1.5 cm, others – 2.0 cm; paragraph indentation — 1.25 cm, text aligned to the width of the page, without hyphenation, pictures, tables, or formulas).

The Organizing Committee may contact the authors regarding minor changes

Based on the decision of experts, the work can be attributed to another scientific direction.

The author is responsible for the accuracy of the data and the scientific content of the work.

Abstracts executed in violation of the requirements will not be considered.

Information about the experts' decision will be sent on provided e-mail.

### The order and rules for the design of the main elements of materials for publication

#### 1. Title of the publication.

#### 2. Information about the author(s):

- surname, first name, patronymic (in full);
- the place of work (study) of the author(s) – with indicating the postal address with the index. It is important to clearly, without allowing a different interpretation, indicate the place of work (study) of a particular author. If all the authors of the article work or study in the same institution, you can not specify the place of work of each author separately. The position of the author may also be indicated;
- contact information, email address, and phone number of the first author (this information is necessary to ensure communication with the conference participant in case of unforeseen circumstances).

#### 3. Information about the scientific supervisor(s):

- surname, first name, patronymic (in full)
- position held, academic title
- Place of employment - in the nominative case with the postal address including the index. It is crucial to clearly indicate the specific workplace of the scientific supervisor, avoiding any ambiguity.

#### 4. Annotation (not more than 3-5 lines).

#### 5. Keywords (up to 10): each word or phrase is separated from the other by a comma or semicolon.

#### 6. Thematic rubricator: UDC/LBK and/or DOI and/or other classification indexes or registration systems (GSNTI, SPIN code, etc.)

#### 7. The main text of the work (no more than 2500 characters).

For research work, the text of the work should contain the following sections:

- Relevance
- Purpose
- Materials and methods
- Results
- Conclusions

For a clinical case, the text of the work should contain the following sections:

- Relevance
- The purpose of demonstrating a clinical case
- Description of the clinical case
- Practical importance

**IMPORTANT! Paragraphs 1, 2, 3, 4 are given in Russian and English.**





**The Order for holding of the qualifying round of the «Clinical debut» Olympiad  
(will be posted 1 month before the round)**