

**Taras Shevchenko National University of Kyiv
Educational and Scientific Centre "Institute of Biology and Medicine"
Department of Pediatrics, Obstetrics and Gynecology**

**Passport
of the Examination Station
"Types of Rashes on the Skin and Mucous Membranes in Children.
Practical Skills"
of the Objective Structured Practical Clinical Examination (OSP(C)E-2)
for students of the Master's degree
in specialty 222 "Medicine" of the field of knowledge 22 "Healthcare"**

"APPROVED"

**by the Scientific and Methodological Commission
of the Educational and Scientific Center "Institute of Biology and Medicine"
of Taras Shevchenko National University of Kyiv**

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Head of the Scientific and
Methodological Commission _____ (Tetiana SHEVCHENKO)

Deputy Director
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Pedagogical Work



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Kyiv-2026

Passport
of Examination Station No. 2
of the Objective Structured Practical (Clinical) Examination (OSPC(C)E-2)
for students of the Master's degree in specialty
222 "Medicine" of the field of knowledge 22 "Healthcare"

Discipline Name: PEDIATRICS WITH CHILDREN'S INFECTIONS
Station Name: "TYPES OF RASHES ON THE SKIN AND MUCOUS MEMBRANES IN CHILDREN. PRACTICAL SKILLS"
<u>Learning Objective:</u> To demonstrate communication skills, taking medical history, detailing complaints, formulating a clinical diagnosis, and prescribing treatment for children with rashes on the skin and mucous membranes.
Authors-Developers Associate Professor of the Department PhD, Natalia Molochek Associate Professor of the Department, PhD, A.D. Barzylovych Assistant of the Department, A.V. Kizim Associate Professor of the Department, MD, T.V. Budnik
<u>Competencies assessed at the station:</u> PC01. Ability to collect patient medical information and analyze clinical data. PC02. Ability to determine the required list of laboratory and instrumental studies and evaluate their results. PC03. Ability to establish a preliminary and clinical diagnosis of the disease. PC06. The ability to determine the principles and nature of the treatment of diseases PC13. Ability to carry out sanitary and hygienic and preventive measures. PC14. Ability to plan and carry out preventive and anti-epidemic measures for infectious diseases. PC18. The ability to assess the impact of the environment, socio-economic and biological determinants on the health of the individual, family, population PLO 2. To collect information about the general condition of the patient, to evaluate the psychomotor and physical development of the patient, the state of organs and systems of the body, on the basis of the results of laboratory and instrumental studies to evaluate

information about the diagnosis (list 4).

PLO 3. Assign and analyze additional (mandatory and optional) examination methods (laboratory, radiological, functional and / or instrumental) on list 4, patients with organ and systemic diseases for differential diagnosis of diseases (list 2).

PLO 4. Establish a definitive clinical diagnosis by making an informed decision and logical analysis of the received subjective and objective data of clinical, additional examination, conducting differential diagnostics, in accordance with the relevant ethical and legal norms, under the supervision of the doctor-supervisor in the conditions of the medical institution (list 2)

PLO 5. To determine the main clinical syndrome or what causes the severity of the condition of the victim (list 3) by making an informed decision and assessment of the human condition in all circumstances (at home, on the street, in a health care institution, in his unit) in conditions of emergency and combat, in the field, in the absence of information and limited time.

PLO 6. Determine the nature and principles of treatment of patients (conservative, operative) with diseases (list 2) in the conditions of the health care institution, at home of the patient and during the stages of medical evacuation, incl. in the field, based on a previous clinical diagnosis, adhering to the relevant ethical and legal norms, by making informed decisions on existing algorithms and standard schemes, if necessary to extend the standard scheme, be able to substantiate personalized recommendations under the supervision of a doctor-supervisor.

PLO16. To plan and implement a system of sanitary and hygienic and preventive measures for the emergence and spread of diseases among the population.

PLO23. Observe the requirements of ethics, bioethics and deontology in their professional activity.

PLO24. To organize the necessary level of individual security (of one's own and of the persons he or she cares for) in case of typical dangerous situations in the individual field of activity

Station Duration

Station Duration 10 min

Station Duration Time Allocation

1. Identification and registration of the student – 15 seconds.
2. Greeting the mother/father/caregiver and self-introduction – 10 seconds.
3. Identification of the patient (child's last name, first name, and age) and their parents/legal representatives – 20 seconds.
4. Identification of the caregiver's primary complaints at the time of visit and their detailing – 60 seconds.
5. Structured history taking – 2 minutes 30 seconds.
6. Conclusion of history taking and a summary of the obtained information – 30 seconds.
7. Assessment of rash photographs according to the scenario – 2 minutes.
8. Establishing a preliminary diagnosis and prescribing an examination, treatment, and prevention plan – 3 minutes.
9. Completion of the exam and review of the result – 15 seconds.

<u>Maximum score obtainable at the station:</u> 5 points
Tasks to be performed by the student at the station: Collect and analyze complaints and medical history of a pediatric patient with a rash on the skin and/or mucous membranes; conclude the nature of the rash present in the patient according to a specific scenario (see appendix). Prescribe examinations and treatment.
Clinical cases (scenarios, tickets): Available (see appendix)
Station Organization: Room Requirements: A room simulating a pediatrician's office. Material and Technical Support (Equipment per 1 student): Table – 1 pc. Chairs – 3 pcs. Pen – 2 pcs. Paper. Medical mask – 1 pc. Hand sanitizer and paper towels. Required Simulation Equipment: Color images of various types of rashes (visualization of different rash types) – 15 pcs. Need for Auxiliary Personnel: None. Need for a Standardized Patient: Standardized caregiver of the child (department faculty member).
<u>Instructions for Standardized caregiver of the child</u> Answer questions related to the clinical case according to the ticket clearly. For questions not related to the clinical case in the ticket, respond: "No data available."
Instructions for the Examiner at the Station: • Identify the student. • Register the student. • Assess the student's ability: to communicate effectively with the patient or their legal representatives; to collect and analyze complaints from the child or their legal representative; to collect the medical history and determine the nature of the disease progression in a child with a rash; to collect the life history (physical and psychomotor development, previous illnesses), as well as allergic, family, and epidemiological history, etc.; to determine the vaccination status (if necessary); to identify individual risk factors; to draw a conclusion about the nature of the child's rash. • Fill out the checklist. • Intervene only in case of unforeseen situations.
<u>Algorithm for Task Performance by the Student:</u> 1. Greet the patient or their legal representative and introduce yourself. 2. Identification: of the patient (name and age) and their parents/legal representatives. 3. Identify the primary complaints. 4. Detail each of the primary complaints.

5. Determine the sequence of symptom development.
6. Previous treatment and its effectiveness.
7. Data on pregnancy, childbirth, and the child's condition at birth.
8. Characteristics of physical and psychomotor development.
9. Previous illnesses.
10. Allergic history.
11. Epidemiological history (contact with sick individuals within the last 21 days).
Vaccination information.
12. Identification of individual risk factors (living conditions, diet, physical activity, sleep quality).
13. Conclusion of history taking and a summary of the obtained information.
14. Establishing a clinical diagnosis.
15. Prescribing treatment.

Checklist

Scenario (Ticket) No. ____

Student Identification

Number: _____

No.	Assessment Components of the Clinical Case	Max Points	Student Score*
1	Greet and introduce yourself to the patient and/or parents	0.5	
2	Listen to complaints and collect medical history (anamnesis morbi)	1.0	
3	Examine the site of the rash on the patient's skin or mucous membrane	0.5	
4	Describe the characteristics of the rash identified during the examination	1.0	
5	Formulate a preliminary diagnosis considering the clinical data	1.0	
6	Outline a plan for further action	1.0	
Total	Sum of points	5.0	

1. * *To be filled out by the examiner.*

Regulatory Documents and Literature used as the basis for student tasks and performance algorithms:

1. Unified Clinical Protocol of Primary, Secondary (Specialized), and Tertiary (Highly Specialized) Medical Care "Atopic Dermatitis," approved by the Order of the Ministry of Health of Ukraine No. 670 dated July 4, 2016.
2. Calendar of Preventive Vaccinations in Ukraine (new edition effective as of January 1, 2026).
3. Fifth Disease (Erythema Infectiosum). [Online resource]: <https://litfl.com/fifth-disease/>
4. Hand, Foot, and Mouth Disease: Symptoms, Causes, and Prevention. [Online resource]: <https://sprintmedical.in/blog/hand-foot-and-mouth-disease-symptoms-causes-and-prevention>
5. Hemorrhagic Vasculitis in Children: Symptoms and Treatment. [Online resource]: <http://farman.kiev.ua/gemoragichnij-vaskulit-u-ditej-simptomi-i-likuvannya/>
6. With COVID-like symptoms, family... [Online resource]: <https://www.daily-jeff.com/story/news/2020/07/30/with-covid-like-symptoms-family/1101645007/>
7. Plaque Psoriasis (Child). [Online resource]: <https://skinsight.com/skin-conditions/plaque-psoriasis/child/>
8. Tinea Capitis: Symptoms and Treatment. [Online resource]: <https://www.tuasaude.com/tinea-capitis/>
9. Dermatitis Artefacta: A Retrospective Descriptive Study on 46 Patients. [Online resource]: https://www.researchgate.net/publication/380262767_Dermatitis_Artefacta_A_Retrospective_Descriptive_Study_on_46_Patients