



Co-funded by the
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Short-term internship report within the framework of
the project "Improvement of children care teaching as a
template for upgrading medical education
in Central Asia- ChildCA"
10.10.2022 - 28.10.2022

- Overview
- 1. Training at the University of Pavia (Italy)
- 2. Training at the University of Freiburg (Germany)
- 3. Training at the Jagiellonian University (Poland)
- 4. Summary

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University of Pavia (Italy)



UNIVERSITÀ DI PAVIA

Week 1: 10 – 15 October 2022

Duration: 10.10.2022 – 14.10.2022

Day 1 – Monday, 10.10.2022		
8:30 – 9:30	Welcoming remarks by Prof. Gian Battista Parigi, ChildCA Project Coordinator	Pediatric Surgery Department – San Matteo Hospital, Pavia
9:30 – 12:30	Clinical activities in Neuropsychiatry (Group 1), Pediatrics (Group 2), Pediatric surgery (Group 3)	San Matteo Hospital, Pavia Neuropsychiatry – Fondazione Mondino: Via Mondino, 2, 27100 Pavia PV
12:30 – 13:30	Lunch	Mensa Cravino - Via Agostino Bassi, 2, 27100 Pavia PV
14:00 – 17:00	Anatomage lecture	Anatomy Department, via Forlanini, 8, 27100 Pavia PV
19:00 – 21:00	Dinner	Mensa Castiglioni - Via S. Martino, 20, 27100 Pavia PV
Day 2 – Tuesday, 11.10.2022		
8:30 – 12:30	Clinical activities in Neuropsychiatry (Group 1), Pediatrics (Group 2), Pediatric surgery (Group 3)	San Matteo Hospital, Pavia Neuropsychiatry – Fondazione Mondino: Via Mondino, 2, 27100 Pavia PV
12:30 – 13:30	Lunch	Mensa Cravino - Via Agostino Bassi, 2, 27100 Pavia PV
14:00 – 18:00	Pediatrics lecture (in English)	Harvey Classroom, Nave - Via Adolfo Ferrata, 9/A, 27100 Pavia PV
19:00 – 21:00	Dinner	Mensa Castiglioni - Via S. Martino, 20, 27100 Pavia PV
Day 3 – Wednesday, 12.10.2022		
8:30 – 12:30	Clinical activities in Neuropsychiatry (Group 1), Pediatrics (Group 2), Pediatric surgery (Group 3)	San Matteo Hospital, Pavia Neuropsychiatry – Fondazione Mondino: Via Mondino, 2, 27100 Pavia PV

12:30 – 13:30	Lunch	Mensa Cravino - Via Agostino Bassi, 2, 27100 Pavia PV
15:00 – 17:00	Kosmos Museum	Piazza Botta Adorno Antoniotto, 9, 27100 Pavia PV
19:00 – 21:00	Dinner	Mensa Castiglioni - Via S. Martino, 20, 27100 Pavia PV
Day 4 – Thursday, 13.10.2022		
8:30 – 12:30	Clinical activities in Neuropsychiatry (Group 1), Pediatrics (Group 2), Pediatric surgery (Group 3)	San Matteo Hospital, Pavia Neuropsychiatry – Fondazione Mondino: Via Mondino, 2, 27100 Pavia PV
12:30 – 13:30	Lunch	Mensa Cravino - Via Agostino Bassi, 2, 27100 Pavia PV
14:00 – 17:00	Visit to KiroLab	5th floor, Nave - Via Adolfo Ferrata, 9/A, 27100 Pavia PV
19:00 – 21:00	Dinner	Mensa Castiglioni - Via S. Martino, 20, 27100 Pavia PV
Day 5 – Friday, 14.10.2022		
8:30 – 12:30	Clinical activities in Neuropsychiatry (Group 1), Pediatrics (Group 2), Pediatric surgery (Group 3)	San Matteo Hospital, Pavia Neuropsychiatry – Fondazione Mondino: Via Mondino, 2, 27100 Pavia PV
12:30 – 13:30	Lunch	Mensa Cravino - Via Agostino Bassi, 2, 27100 Pavia PV
15:00 – 17:00	Data mining lecture	Library, Direzione Scientifica, S.Matteo
19:00 – 21:00	Dinner	Mensa Castiglioni - Via S. Martino, 20, 27100 Pavia PV

Visit to the departments



Communication with residents



Lecture attendace





Summary:

- 1. While interviewing the residents, we came up with an idea to create a questionnaire in order to perform a comparative analysis of students at different levels between the EU and CA countries**

Respondents:

- Bachelor students
- Residents
- Young physicians

Sections:

- general information
- educational structure at the Universities
- motivation
- satisfaction

pilot project

as a result – publish an article

- 2. Familiarization with Anatomage equipment,**

As an outcome, the agreement to read online lectures on anatomy for students of KazNU

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Training at the University of Freiburg (Germany)

Duration: 17.10.2022 – 21.10.2022



Day 1 – Monday, 17.10.2022

8:30 – 9:30	Welcoming remarks; hospital overview	KHS – Tobias Wowra
9:45 – 11:15	Ward round on <u>neonatal intensive care unit</u> (in English; group of 4 guests)	Station Eckstein – Daniel Klotz
9:45 – 11:15	Ward round on <u>pediatric infectious disease / rheumatology / endocrinology ward</u> (in English)	Station Pirquet – Philipp Henneke
11:30 – 12:30	Lunch	
12:30 – 13:00	Clinical conference; X-ray demonstration; case presentation (in German)	GHS
13:15 – 14:00	Pediatric infectious disease conference (in English)	Office pediatric ID department – Philipp Henneke
14:00 – 15:15	<u>Pediatric infectious disease outpatient clinic</u> (in English)	CCI-Zimmer 1 / 2 – Philipp Henneke
15:30 – 17:00	<i>Lecture</i> “Antibiotic stewardship program in resource-limited countries”	KHS – Tobias Wowra

Day 2 – Tuesday, 18.10.2022

8:15 – 11:00	Ward round on <u>pediatric intensive care unit</u> (in English; group of 4 guests)	Station Salge – Hans Fuchs
9:30 – 11:30	<u>Pediatric infectious diseases outpatient clinic</u> (in German / English; group of 4 guests)	CCI-Zimmer 1 / 2 – Philipp Henneke
11:30 – 12:30	Lunch	
12:30 – 13:00	Clinical conference; X-ray demonstration; educational seminar (in German)	GHS
13:00 – 14:00	Special Needs Clinic (in English)	SR Haus Feldberg – Thorsten Langer
15:00 – 16:00	Infectious Disease Conference (in English)	GHS Innere Medizin
16:30 – 18:00	Immunology Conference (in English)	SR Erleben (Frauenklinik)

Day 3 – Wednesday, 19.10.2022

9:00 – 11:00	<i>Lecture</i> “Literature search / How to write a medical abstract”	KHS – Malte Kohns-Vasconcelos
11:30 – 12:30	Lunch	
12:30 – 13:15	Clinical conference; X-ray demonstration; research meeting or case of death conference (in German)	GHS
13:15 – 13:45	Pediatric rheumatology conference (in English)	Office pediatric ID department
13:45 – 15:45	<u>Pediatric rheumatic diseases outpatient clinic</u> (in German / English)	Ambulanz-Zimmer 3 / 4 – Benedikt Spielberger
16:00 – 17:30	Palliative Medicine	SR Haus Sonne (Dachgeschoss) – Miriam van Buiren

Day 4 – Thursday, 20.10.2022

8:30 – 10:00	Ward round on <u>neonatal intensive care unit</u> (in English; group of 4 guests)	Station Eckstein – Daniel Klotz
10:00 – 11:00	Ward round <u>pediatric pulmonology / gastroenterology / metabolic diseases</u> (group of 4 guests)	Station Moro – Ulrike Teufel-Schäfer
11:30 – 12:30	Lunch	
12:30 – 13:00	Clinical conference; X-ray demonstration; case presentation (in German)	GHS
13:00 – 14:00	Interprofessional Education (IPAPÄD)	KHS – Nikolaus Schäfer
14:15 – 15:45	<u>Pediatric rheumatic diseases outpatient clinic</u> (in German / English)	Ambulanz-Zimmer 3 / 4 – Markus Hufnagel

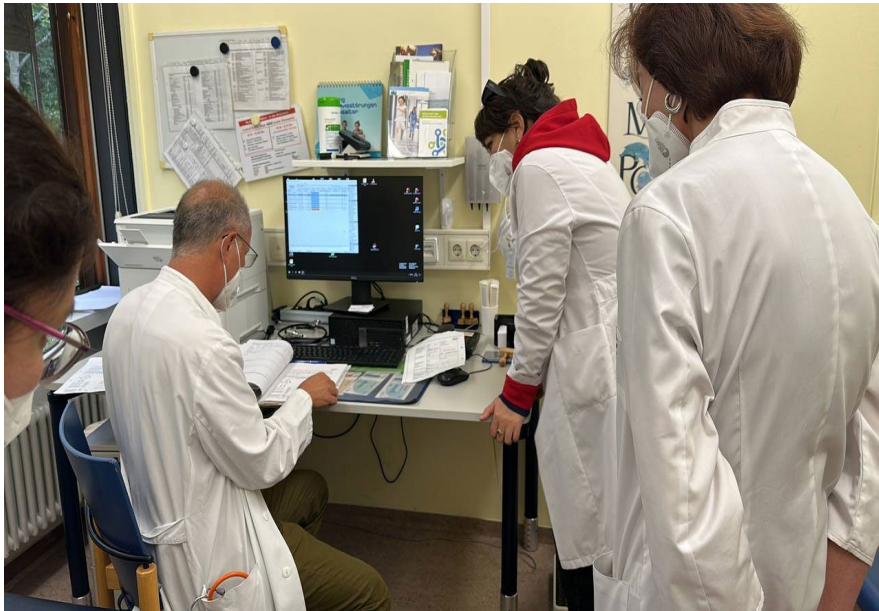
Day 5 – Friday, 21.10.2022

8:10 – 10:30	Ward round on <u>pediatric intensive care unit</u> (in English; group of 4 guests)	Station Salge – Hans Fuchs
9:00 – 10:30	Ward round <u>pediatric nephrology / psychosomatic diseases</u> (group of 4 guests)	Station Rietschel – Martin Pohl
10:30 – 11:30	Pediatric resuscitation training	KHS – Jan Berger(?)
11:30 – 12:30	Lunch	
12:30 – 13:00	Clinical conference; ultrasound demonstration; Neuro-MRI demonstration (in German)	GHS
13:00 – 14:15	Interdisciplinary Pediatric Oncology Conference (in German)	SR Haus Belchen – Jan Berger
15:00 – 16:00	Debriefing / Concluding remarks	SR Haus Feldberg – Tobias Wowra

Lecture attendance



Visiting departments and consultations



Communication with residents and students





Summary:

To implement within HSM KazNU:

1. Weekly medical conferences on interesting clinical cases
2. The idea of creating a Social Pediatric Center in Kazakhstan (collaboration with Thorsten Langer)
3. Conducting a webinar Literature search / How to write a medical abstract, collaboration with Malte Kohns)
4. Palliative Care (Miriam van Buiren)
5. Liked the tradition of tapping tables instead of applause

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Training at the Jagiellonian University (Poland)

Duration: 24.10.2022 – 28.10.2022

Day 1. Monday (10, 17, 24 October)

9:00 - 9:30 Welcome and Lecture: “Pre and postgraduate pediatric training – overview and challenges” – P. Kwinta

9:30 – 10:15 Hospital overview – M Sudacka

10:30 – 13:30 Visit to Innovative Teaching Center (Joanna Fąferek, Anna Żądło, Grzegorz Cebula)

1. Center overview, teaching modalities
2. Lecture: “Virtual technology as a tool for medical learning”
3. CA participants as students – medical game

Day 2. Tuesday (11, 18, 25 October)

8:30 – 13:30 - Visit to Innovative Teaching Center (Joanna Fąferek, Anna Żądło, Grzegorz Cebula)

1. Observation of the medical simulations
 - a. Pediatric topics (wheezing/stridor/coma/seizures)
 - b. Pediatric resuscitation
2. Debriefing method

Day 3. Wednesday (12, 19, 26 October)

8:30 – 13:30 - Department of Pediatrics/Department of Surgery/Department of Neurology – participation in the rounds, patients’ discussion, student teaching

Day 4. Thursday (13, 20, 27 October)

8:30-9:15 - Lecture: “Quality of blood sample for laboratory measurements in pediatric patients – points for consideration” – K. Sztéfko

9:15-10:00 - Visit to hospital laboratories: clinical chemistry, molecular biology, genetics, immunology, serology – K. Sztéfko

10:15-11:15 Lecture: “Decision making in pediatrics” – P. Kwinta

10:30-13:30 Department of Pediatrics/Department of Surgery/Department of Neurology – participation in the rounds, patients’ discussion, student teaching

Day 5. Friday (14, 21, 28 October)

8:30-13:00 Game: “Concept map in virtual patients” – M. Sudacka

13:00-13:30 – Closing remarks

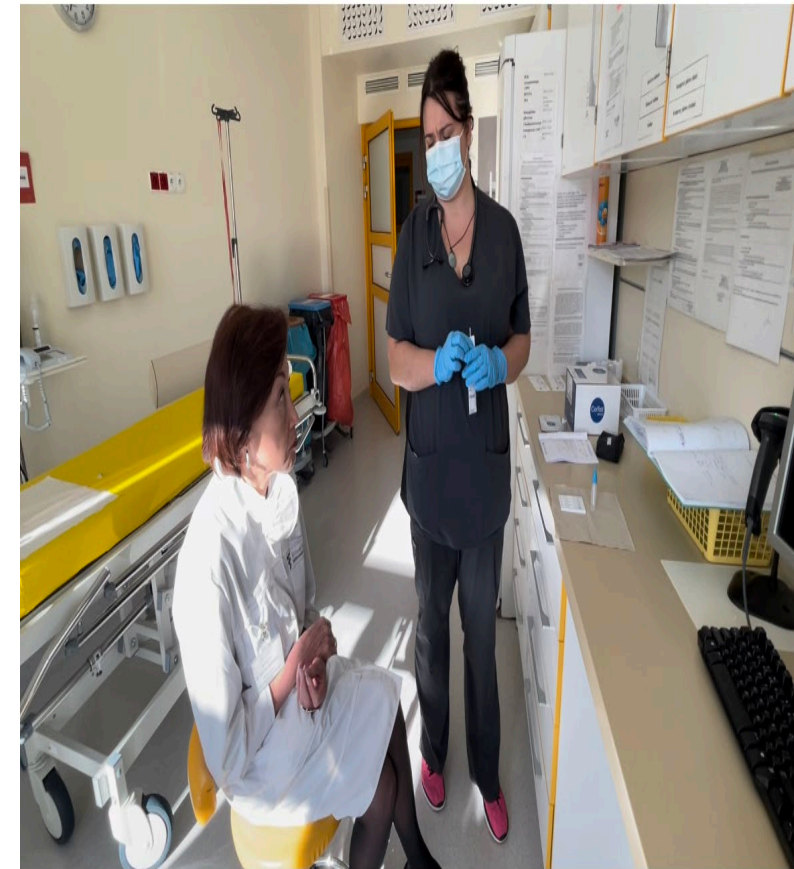


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Simulation center



Visit to the department



Visit to the hospital laboratories





- **Summary**

1. We liked the simulation center, the possibility of cooperation and training of teaching staff to work in the simulation center,
2. Rapid tests to determine Flu A, Flu B, RSV, Adeno resp
3. Conducting a master class on ultrasound diagnostics in pneumonia for teaching staff and doctors
4. Arrangement to hold online lectures “Quality of blood sample for laboratory measurements in pediatric patients – points for consideration” – K. Sztefko