

Training Course in pediatric Anesthesia, 19-21 december 2007,  
Chisinau, Republic of Moldova

Under auspices of SARRM, with support of the WFSA, ESA/NASC, Association of Pediatric Surgeons of Moldova, Company Anandic, B-Braun, Karl Storz, Abbot, Romfarm, Berlin Chemie Menarini Group, Ministry of Health of the Republic of Moldova.

Project was initiated by Dr. Markus Schily during the First International Congress of the Society of Anesthesiology Reanimatology of the Republic of Moldova. It was designed for pediatric anesthesiologists from Moldova. The format of the project is "instruction of future instructors". In this way, in the first part of the project Dr. Munteanu Gabriela from Republican Pediatric Surgical Centre has participated in fellowship in the clinic of Dr. Markus Schily, in Biel Bienne, Switzerland. During 3 weeks she learned newest techniques of modern pediatric anesthesia, operation of anesthetic equipment. As well she translated slides of presentations for the theoretical courses.

Second part of the project was organized in the Republican Pediatric Surgical Centre at the dates 19-21 december. Course consisted in theoretical lectures in the morning and afternoons, and practical anesthesia training in the operating room, performing "modern like" anesthesia, using newest equipment and drugs donated for this project. This project was first in a series of similar 3 projects for pediatric anesthesia during the year 2008.

For teaching and clinical purposes in the frame of the project was donated to the SARRM following equipment, and drugs which will be used in the pediatric hospital:

- Anesthesia machine, ADU General Electric with monitoring and accessories and air compressor
- Vaporizer for Sevoflurane and 4 bottles of Sevoflurane
- Infusion pumps Space, B-Braun
- Rocuronium and Nerve Stimulator, Organon
- Bupivacain and Mepivacain
- Fiberoptic bronchoscope Storz (borrowed for period of training)

**Monday, 17 December**, receiving of equipment, customs clearings  
Arrival of Dr. Markus Schily

**Tuesday, 18 December**

Installation of the equipment in the OR and checking of equipment

Meeting of launching of the project, at the Republican Children's Surgical Centre

Participants:

- Dr. Markus Schily
- Academician Eva Gudumac, Director of Surgical Pediatric Department, Deputy in Parliament of Republic of Moldova
- Dr. Serghei Sandru, President SARRM
- Dr. Baltaga Ruslan, organizing committee
- Dr. Gabriela Munteanu, trained trainer for the project
- Dr. Lidia Dolghieru, Associate professor, chair pediatric surgery and anesthesiology
- Dr. Malanco Serghei, Head Unit Pediatric Anesthesiology
- Dr. Angela Maniuc, physician dept. pediatric anesthesiology



**Wednesday, 19 December 2007**  
8.00-9.00 Theoretic course (Dr. Markus Schily)

9.15-13.00 Practical anesthesia, 4 cases using different types of modern anesthetic techniques (Sevoflurane with low flow, caudal blocks, fiberoptic intubation)





**14.00-15.00 2-nd theoretical Course (Dr. Gabriela Munteanu)**

**17.00 Meeting with Pharmaceutical Company Vinamex**, which is interested to bring and to promote Abbot (Sevoflurane and Isoflurane) products in the moldavian market

**18.00 Meeting with manager of Private Hospital “Galaxia”**. They are equipped with GE Aispaire anesthesia station, and are enthusiastic regarding our proposal to organize one of the future training courses at their clinic

End of the working day, meeting of the working group and discussion of things to be improved for next day of courses

**Thursday, 20 december**

8.00-9.00 Theoretic course (Dr. Markus Schily)

9.15-13.00 Practical anesthesia, 4 cases using different types of modern anesthetic techniques (Sevoflurane with low flow, caudal blocks, fiberoptic intubation)

14.00-15.00 – Theoretical course

15.00 – 16.00 – After action review. Anesthesia performed in the morning were registered on video camera. This movie was projected and actions were discussed and commented.





**17.30 Meeting with vice speaker of the Parliament of the Republic of Moldova, Mrs. Postoico Maria**

**Participants:**

Dr. Markus Schily

Dr. Eva Gudumac

Dr. Sandru Serghei

Dr. Lidia Dolghieru

Dr. Baltaga Ruslan

During the meeting was discussed the pediatric educational centre and educational activities of SARRM, was stressed the necessity of urgent supply with equipment and modern drugs for pediatric anesthesia in particular and for anesthesiology reanimatology service in general. Where discussed possible clinical and economical advantages of use of modern anesthesia with modern equipment.

Mrs. Postoico described how the medical system works currently, how funds are managed, and what problems to solve are.

It was agreed to create a pilot project of modern children hospital with 7 OR, to present the budget of reorganization, expected advantages, to present this project to the Government and Ministry of Health, to look for funds from Governmental and foreign funds.

Was stressed the necessity of reorganization of the statutes of public medical institutions, which need more autonomy in managing the funds.



18.30 Visit of the Anesthesia Intensive Care Unit (under reconstruction) National Centre of Emergency Medicine

18.45. End of the working day, exchange of the opinions, discussion of things to be improved, plan for next day

### **Friday, 21 December**

8.00-9.00- Theoretic course (Dr. Markus Schily)

9.00 – 13.00 Activity in the OR

10.00-12.00 Visit of the Cultural and media attaché of the German Embassy in Chisinau of the republican pediatric surgical centre, and visit of the operating rooms. Her Excellency visited the OR's and were acknowledged with conditions of surgical activity with poor quality and old anesthetic equipment, which does not correspond to any standards of safety of anesthesia (no monitoring, ventilatory equipment etc.). During her visit in the OR a child unfortunately developed a crisis – reaction to ketamine at induction and regurgitation. Child was intubated and successfully resuscitated, without consequences.

At discussions Mrs. Trukenblater promised to assist this pediatric centre. She offered a small project of 8000 Euro, which will be coordinated by Mr. Markus Schily of procurement of some

equipment. She was speaking about infusion pumps B-Braun. She also offered her assistance in localization of EU funds for endowment with equipment of this pediatric surgical centre.



#### **14.00 Monthly session of the SARRM (100 participants)**

##### **Agenda**

1. Presentation of pediatric teaching centre- Dr. Sandru Serghei, Dr. Markus Schily
2. Pediatric anesthesia. Clinical and economical aspects, - Dr. Markus Schily
3. Projection of the documental movie "Life of the last Prof. Boris Pirgari"
4. Autohaemotransfusion in children, - Dr. Lidia Dolghieru
5. Presentation of Isoflurane in Moldova, Company Romfarm



**17.00 Meeting with director of the National Centre of Emergency Medicine Prof. Gheorghe Ciobanu**

Was discussed the pediatric teaching centre as example of teaching project for adult patients, which will be dislocated on the clinical facilities of the Centre of Emergency Medicine

**18.00 Meeting with representative of the Ministry of Health, Mrs. Rodica Gramma, Head of the apparatus of the Ministry of Health**

Was discussed the importance of the education and promotion of newest technologies in Anesthesia Intensive care. We received once more the assurance of the support from the Ministry of Health of our educational projects.

Dr. Markus Schily requested meeting with Minister of Health Mr. Acad. Ion Ababii, during his visit in Geneva, at 21 January 2008, to visit with him a modern Swiss hospital and to see the structure, the sources of budget, statute of the hospital, endowment of the Anesthesia Intensive Care Unit.

It was agreed to elaborate a project of endowment of pediatric centre, with argumentation of medico-economical advantages and promotion of this project at Governmental level and looking for funds of budgeting it inside and outside the country.