

Prevention of illness after-effects and health problems in childhood in University Hospital Olomouc

PROJECT FUNDED BY NORWAY GRANTS AND IMPLEMENTED BY UNIVERSITY HOSPITAL OLOMOUC



Ministerstvo financí
České republiky



Introduction

- Title of the project: „Prevention of illness after-effects and health problems in childhood in University Hospital Olomouc“
- Funded by Norway grants (2009-2014) – Programme CZ 11: Initiatives in the public health sector
- Application submitted: August 2014
 - > Accepted -> Eeligible expenditures from January 2015
- Project registration number: NF-CZ11-OV-1-012-2015
- Financial allocation: 8.929.006 CZK
- Launch of the project: 1 Jan 2015 – expected end date: 29 April 2016

Aim and output of the project

Aim of the project: to build on the good results of Czech perinatology and in follow-up care for children at risk of perinatal situations

Project output: development of secondary and tertiary care focused on reducing the illness after-effects, accidents and health problems in childhood

Tenders implemented

- Purchase of equipment:

- 1) Retina camera – 4.422.550 CZK (RETCAM 3)

- 2) Ultrasound device – 1.382.062 CZK (LOGIQ S7)

- 3) Pressure-mapping equipment – 436.979 CZK (CONFORMAT 2)

- 4) Resuscitation equipment (3 pieces) – 2.010.294 CZK (Laerdal SimNewB)

All machines purchased for and used in the Office for immature newborns (located in University Hospital Olomouc) – part of Perinatology Centre

Project activities

Activity 1: Timely detection of the effects of prematurity retinopathy

Activity 2: Screening program of early detection of critical congenital defects in newborns in secondary prevention

Activity 3: Diagnostics of neurological disorders in preterm infants

Activity 4: Education in resuscitation procedures and Sudden Infant Death Syndrome (SIDS)

Activity 5: Final conference presenting the results of Activities 1-4



Activity 1: Timely detection of the effects of prematurity retinopathy

- Retina camera used to implement this activity



Activity 2: Screening program of early detection of critical congenital defects in newborns in secondary prevention

- Ultrasonographic device used to implement this activity



Activity 3: Diagnostics of neurological disorders in preterm infants

- Device for pressure mapping used to implement this activity



Activity 4: Education in resuscitation procedures and Sudden Infant Death Syndrome (SIDS)

- Release of an educational brochure and its distribution to parents in the Office
- Courses for parents of immature newborns and for medical staff of University Hospital Olomouc (2 different types of course contents), lecturers: MUDr. Wita, MUDr. Mišuth
- Theoretical lecture + practical training of newborn resuscitation - various situations explained
- SimNewB resuscitation models used to implement this activity – during the courses



Activity 5: Final conference presenting the results of Activities 1-4

- The conference is planned to be a one-day event taking place in April 2016