Neonatal Resuscitation in Slovakia 1992..2001

Peter Krcho MD,PhD
NICU Perinatal Center Košice Slovakia

Situation before

- The newborns was not resuscitated by neonatal team
- Airway management – not adequate and late
- The majority of cases did not recieved adequate care… High neonatal mortality

Our priorities in 1992

- Early detection of the problems after delivery in newborns
- Early resuscitation with bag and mask
- Better selection what kind of following intervention is neccessary
- START with better CPR especially in perinatal centers
- CPR managed by neonatal physicians and nurses not by anesteziologists

IT WAS THE BEGINNING OF THE REGIONALISATION PROCESS

Present …

- Better collaboration between the units
- It is clear what is EBM interventions
- In most severe cases still IU transport is the best …

What are our priorities now

- Better intervention in all cases
- Intrauterine transport to the perinatal center
- Decrease of the NM in the whole region especially in newborns under 1499g
- Delivery of high risk pregnancies in regional center,… under 999g

Continue with …

- After 9 year of CPR project we need continue with retraining
- Updating the training modality
- Use better education techniques-

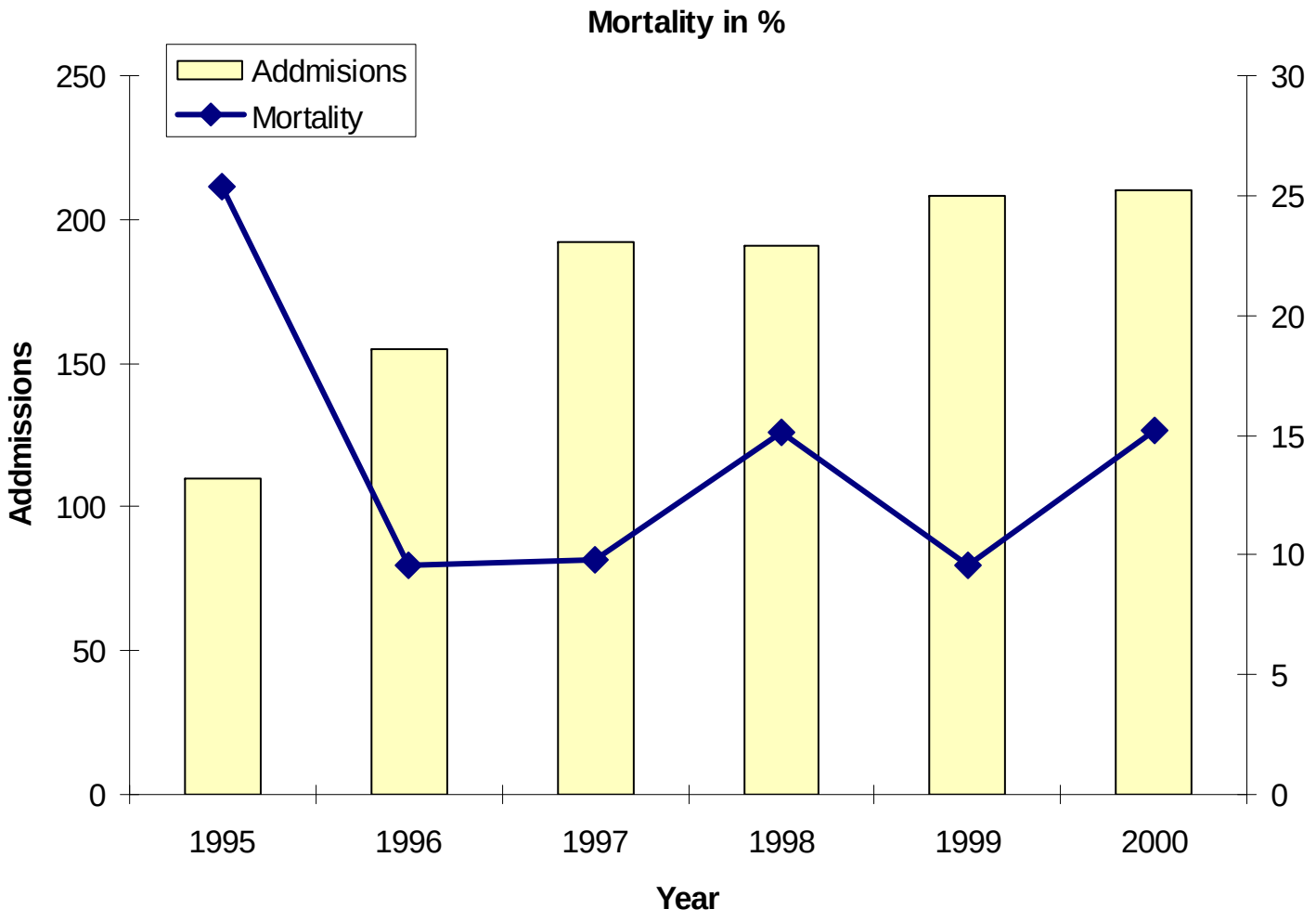
Real time video , www based education, better selection of the NICU team …

…skills, skills, skills…

How did we made it …

- AAP/AHA training guidelines from 1992
- Direct personal teaching
- Every neonatal physicians and nurses in contact with newborns
- resuscitation dolls, photodocumentation and direct participation in transport, or resuscitation in delivery room
- It has impact to networking, better confidence for the center

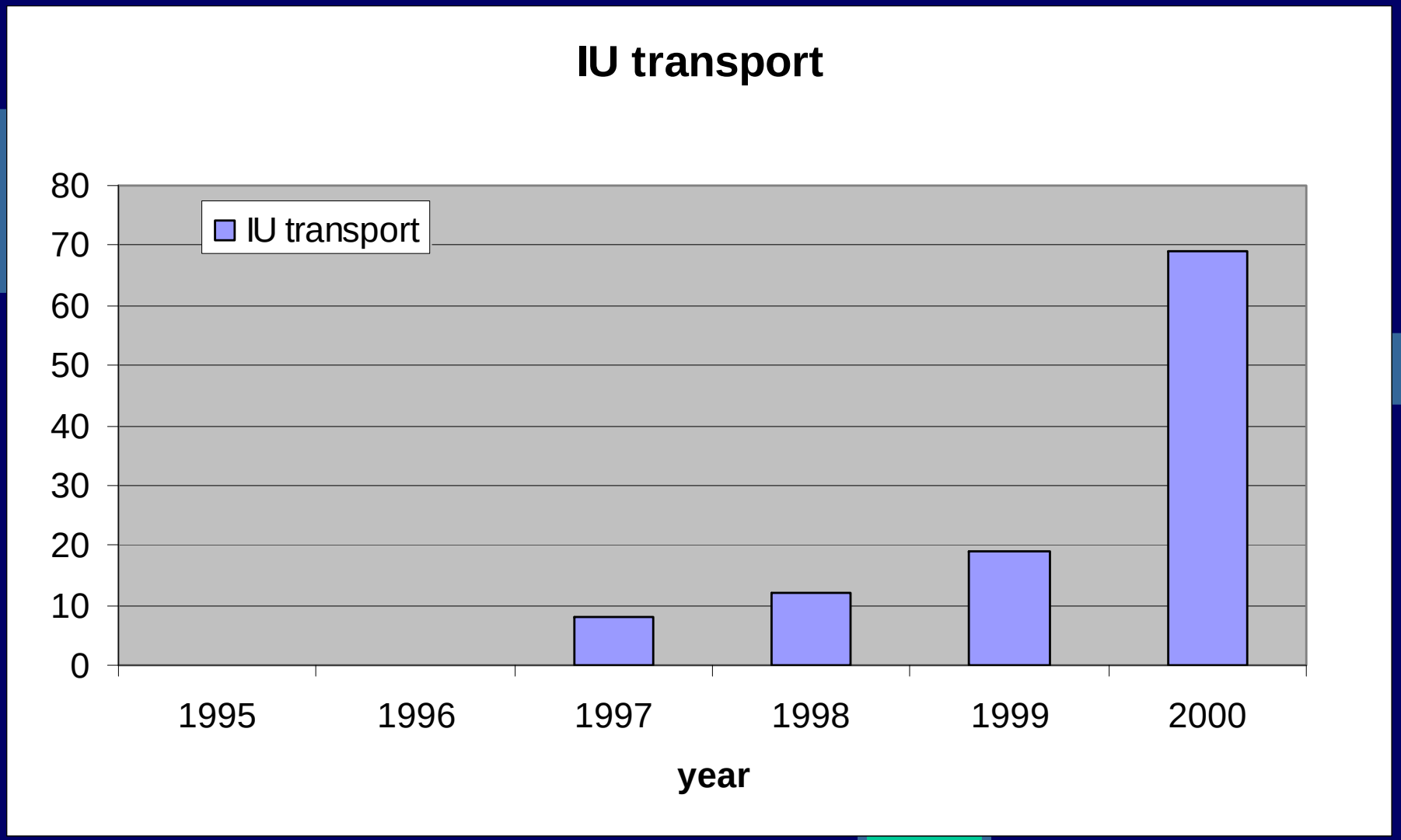
Addmissions/Mortality



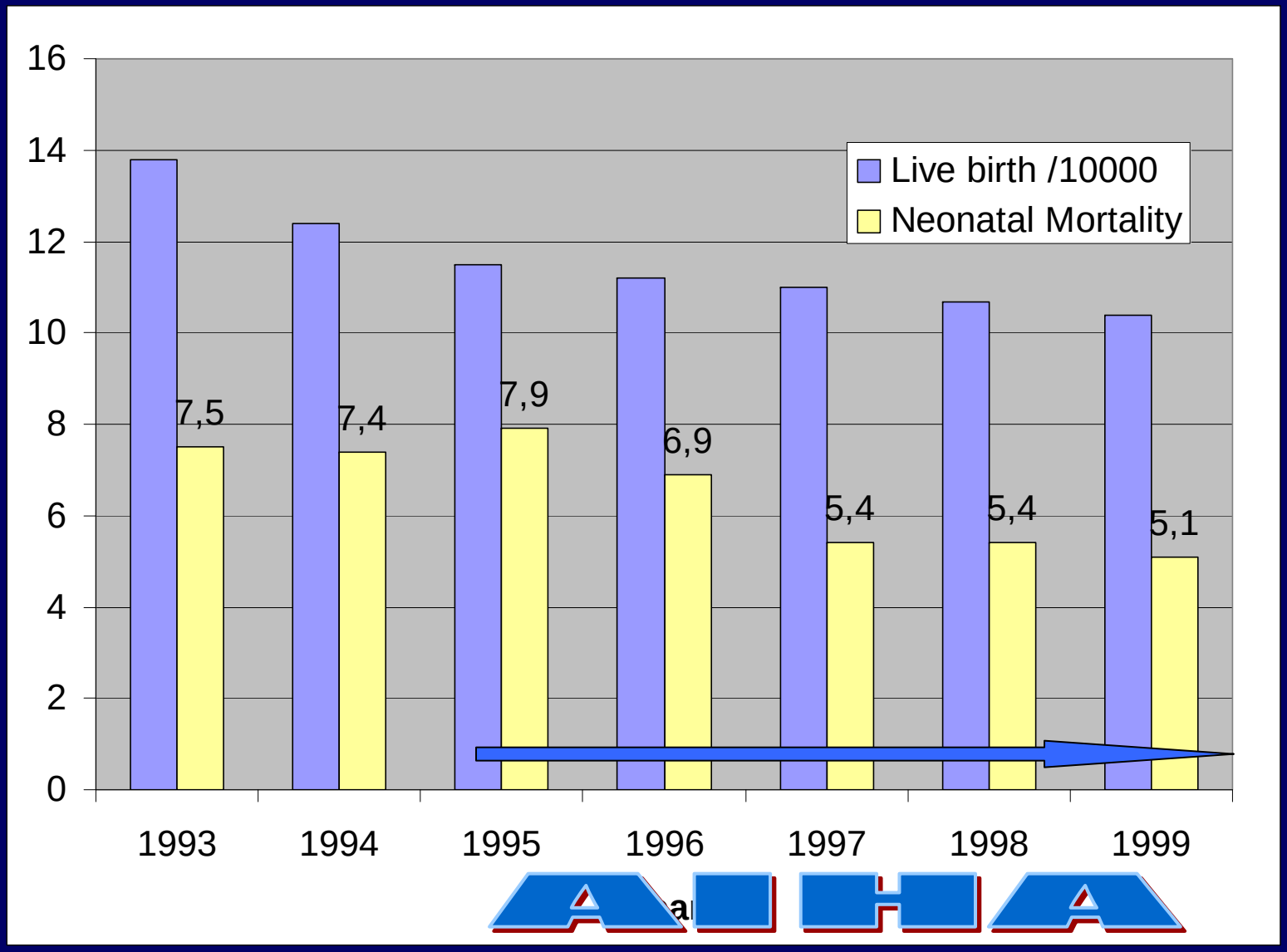
Region of our Perinatal Center



Intrauterinne transport to the PC



Statistic NMR Slovakia



Unussual cases







Still some severe problems...

- Could we serve the best skills 24 hours?
- Could we build up the best team in region?
- Could we keep the same level with the same equipment?
- Could we follow the progress of the world...

Case – ULBWN 540g





Video file about the psychomotoric condition of the ULBWN / BW 540g in age of 17 month



Sustainability – Dissemination – Teaching

NEONATOLOGY.SK - Microsoft Internet Explorer

Súbor Úpravy Zobraziť Obľúbené položky Nástroje Pomocník

Adresa http://www.cona.sk/neonat/

novorodenec.sk newborn.sk

Jednotka intenzívnej a resuscitačnej starostlivosti pre novorodencov

Perinatologické centrum Košice

Napíšte nám Hľadať

Slovenská verzia

- Digital imaging
- Grants
- Hot topics from www
- Internet
- IPOKRaTES
- Cases
- Drugs
- Foundation
- Neonatal Society
- Neonatal letters
- Follow up
- Rady pre rodičov
- Presentations
- Equipment
- Seminars and meetings
- NICU network
- Ultrasonografy and X-rays
- Emergency Interventions
- About us
- Resources

Novorodenec vníma, cíti, chce...pomôžme mu a robme to profesionálne!

Cieľom našej webovej stránky je poskytnúť informácie lekárom, sestričkám a rodičom malých pacientov, aby sa im podarilo preklenúť neľahké odbobie, prvé minúty, hodiny a dni života novorodenca v ohrození. Pokúsiť sa zvýšiť úroveňposkytovanej intenzívnej starostlivosti najmä v regióne východu Slovenska. Informatika zohráva a bude zohrávať v tejto oblasti stále väčšiu úlohu.

MUDr Peter Krcho PhD



The newborn is percieving, feeling and he want...help him, do thinks more profesional!

The role of our web page is to give information to doctors, nurses and parents of small patients, to help them to get over the trouble water, first minute, hours and days of the newborn in endangering. Try to increase the level of urgent neonatal intensive care in region of Eastern Slovakia. The medical informatics is playing and will play more and more important role in the mentioned area.

Hotovo Internet

Štart NEONATOLOGY.... WinZip (Unregistere... Microsoft PowerPoin... 10:07

We are ready ...

- To teach / physicians and nurses
- Enough clinical situation
- We use www, live CD video files, resuscitation dolls
- PC / increasing intrauterinne transport of severe cases
- Good position in Central Europe
- THANK YOU FOR YOUR ATTENTION!