

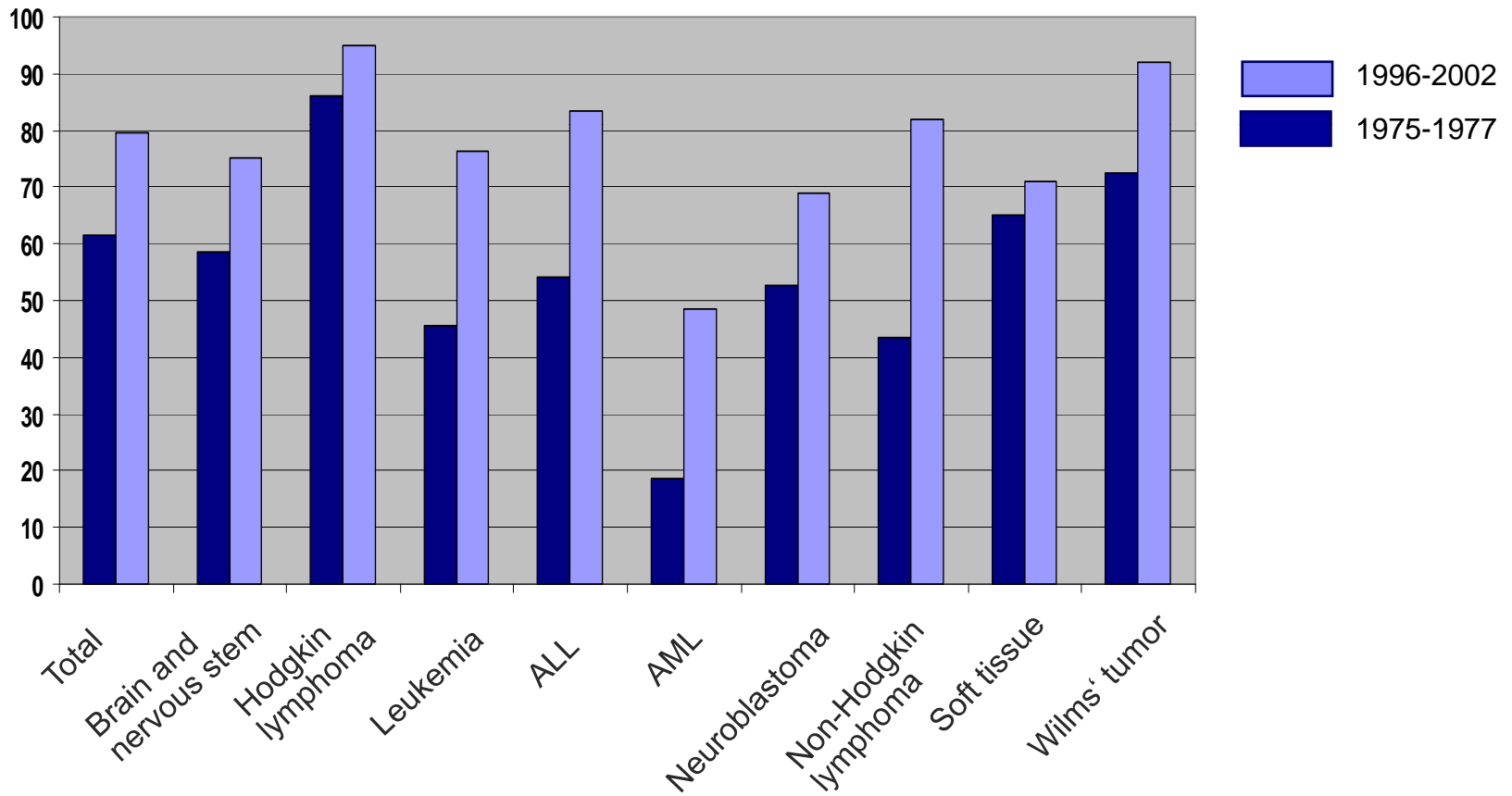


The UICC program: *"My child matters"*

Franco Cavalli, M.D., F.R.C.P.,
Director Oncology Institute of Southern Switzerland
UICC Immediate Past President

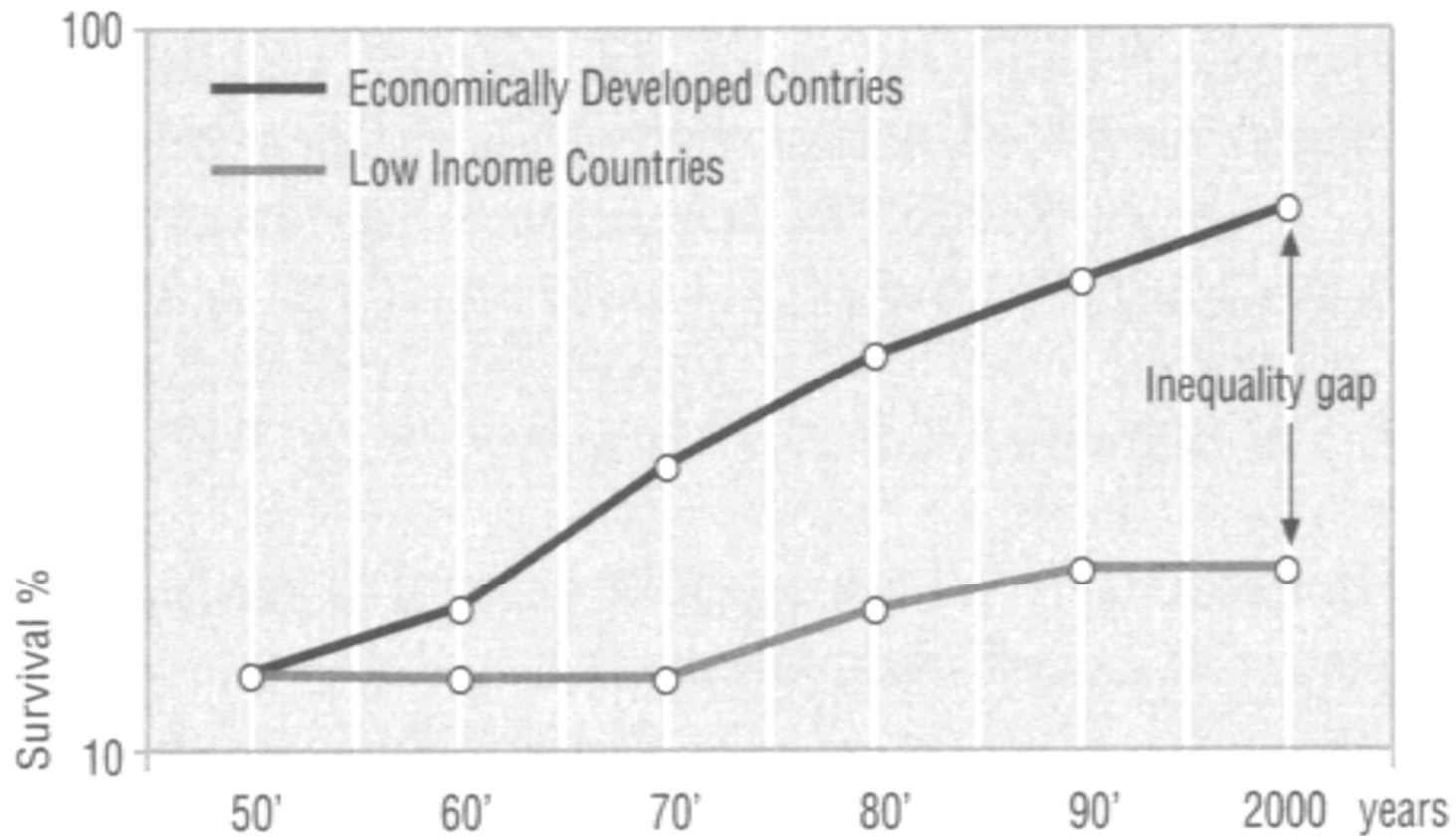


Childhood cancer survival, 1975-2003





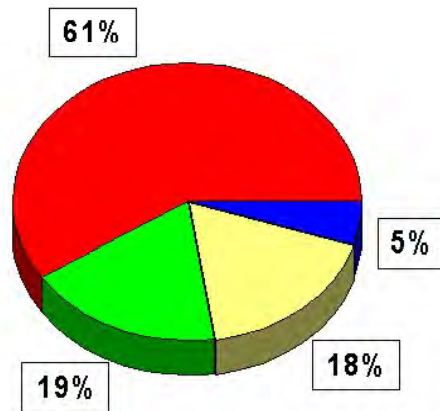
Survival of children with cancer in economically developed countries and in low-income countries



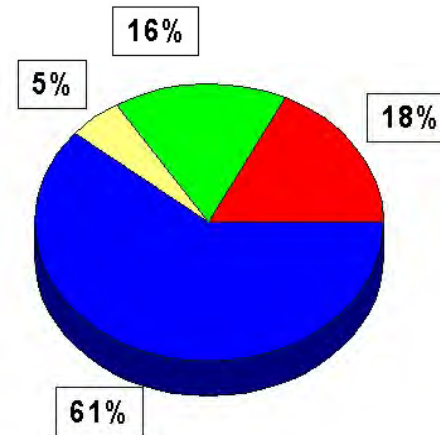


Cancer drugs versus cancer

Anti-Cancer Drug Sales



Cancer





Importance of childhood cancer

Although representing „only“ 2% of all cancers

- tremendous emotional impact
- best „proof of concept“ that cancer is curable also in developing countries



Twinning programmes

Rules

- Make a long-term commitment
- Start with one disease (example: ALL)
 - emotional impact
 - much knowledge
 - not too much “high-tech”
- Initial investment
 - training (not too long, but continuous)
 - minimal structure
- Then provide drugs
- Long-term investment
 - supervision
 - psychosocial support



Twinning programmes

Mistakes to be avoided

- Do not simply transfer technology, but adapt it to local conditions
- Do not increase dependency, but try to create conditions for independence
- Do not transfer simply knowledge, but “research-minded attitude”
- Do not think that you have nothing to learn (example: role of social environment)

Ribeiro RC, NEJM 2005; 3512:2158



„La Mascota project “ (Managua)

~ 150 - 200 K \$ a year

Lancet 1998; 352:1923-1926



Structural facilities

- 1991 10 beds ward for Hematology
by Tettamanti Found. and Liga Contra Leucemia y Cancer
- 1992 10 beds ward for Oncology
by AMCA-Bellinzona, F.Cavalli
- 1993 Play room
by the President of the Republic of Nicaragua
- 1995 Residence for families
by Alessandria (Italy) Town Council
- 1999 12 beds ward for Oncology
by Dukedome of Luxembourg
- 2005 Day Surgery
by CONANCA
- 2007 New outpatient clinic



„La Mascota project“ (Managua)

after 22 years



Human resources of the Pediatric Hemato-Oncology Unit

- 8 Pediatric Hemato-oncologists
- 1 Pediatric oncology surgeon
- 1 Anesthesiologist
- 17 Nurses (5 specialized in Hemato-oncology)
- 2 Surgical Technicians
- 2 Laboratory Graduates
- 2 Psychologists
- 1 Social Worker
- 1 Clown



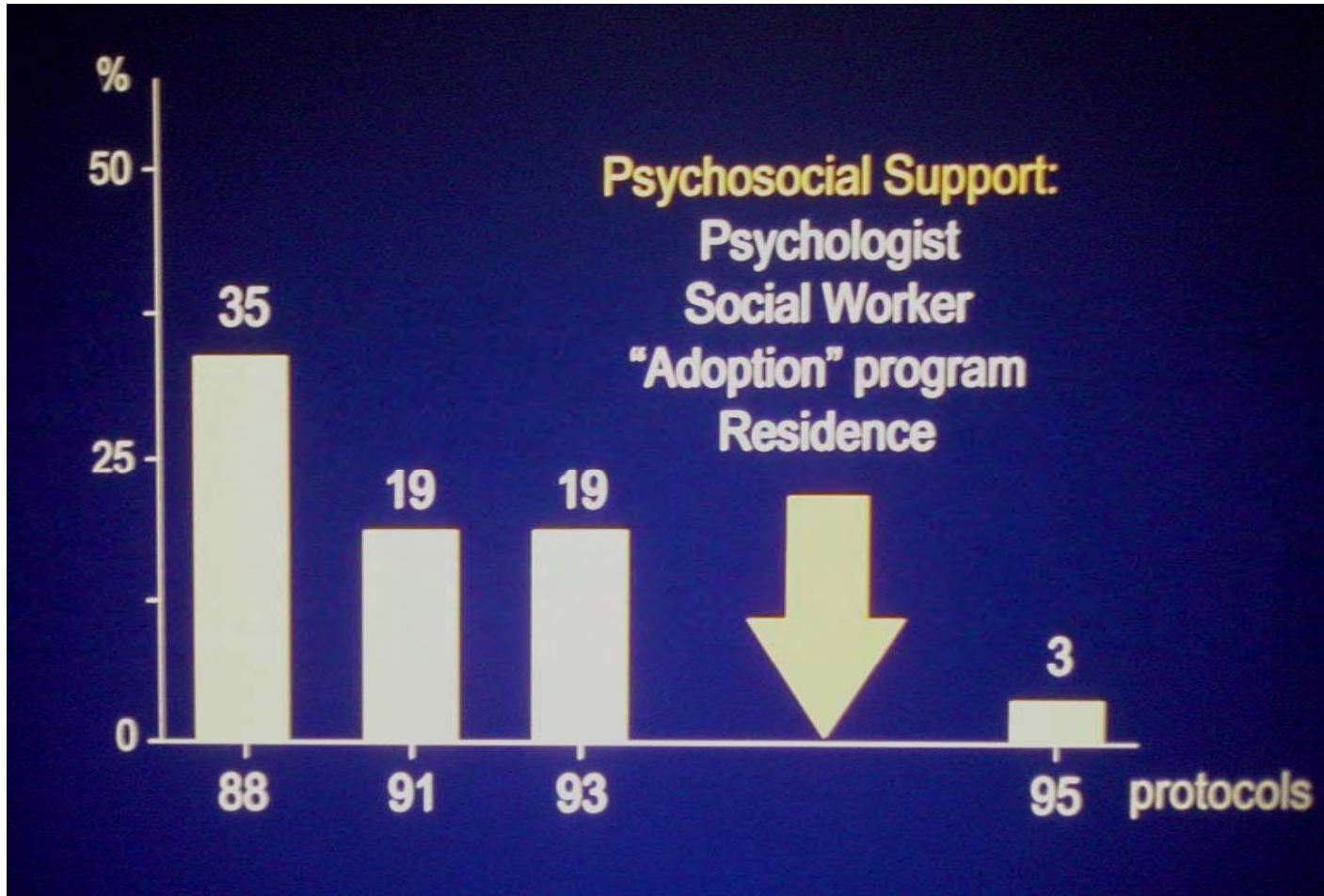


Structural facilities of the Pediatric Hemato-Oncology Unit

- 32 rooms
- 1 operating room for painful procedures and day surgery.
- Hematology Laboratory
- 1 Residence with 18 rooms
- 2 play-rooms
- Outpatient Clinic:
- 9 medical offices, Psycho-social service with 2 offices, Dentistry office, Area for reception and for blood samples, Area for application of day surgery
- (total area : 850 m²)



“La Mascota project” Lost to therapy



Lancet 1998; 352:1923-1926



Pediatric oncology in developing countries

“effective therapy does not have to be expensive, but depends on effective drugs being available worldwide at reasonable cost”

*T. Eden , C. Pui , G .Tognoni et al.
All children have a right to full access
to treatment for cancer
Lancet 2004; 364: 1121-1122*



My Child Matters™
Mon enfant, ma bataille™
Mi niño ante todo™

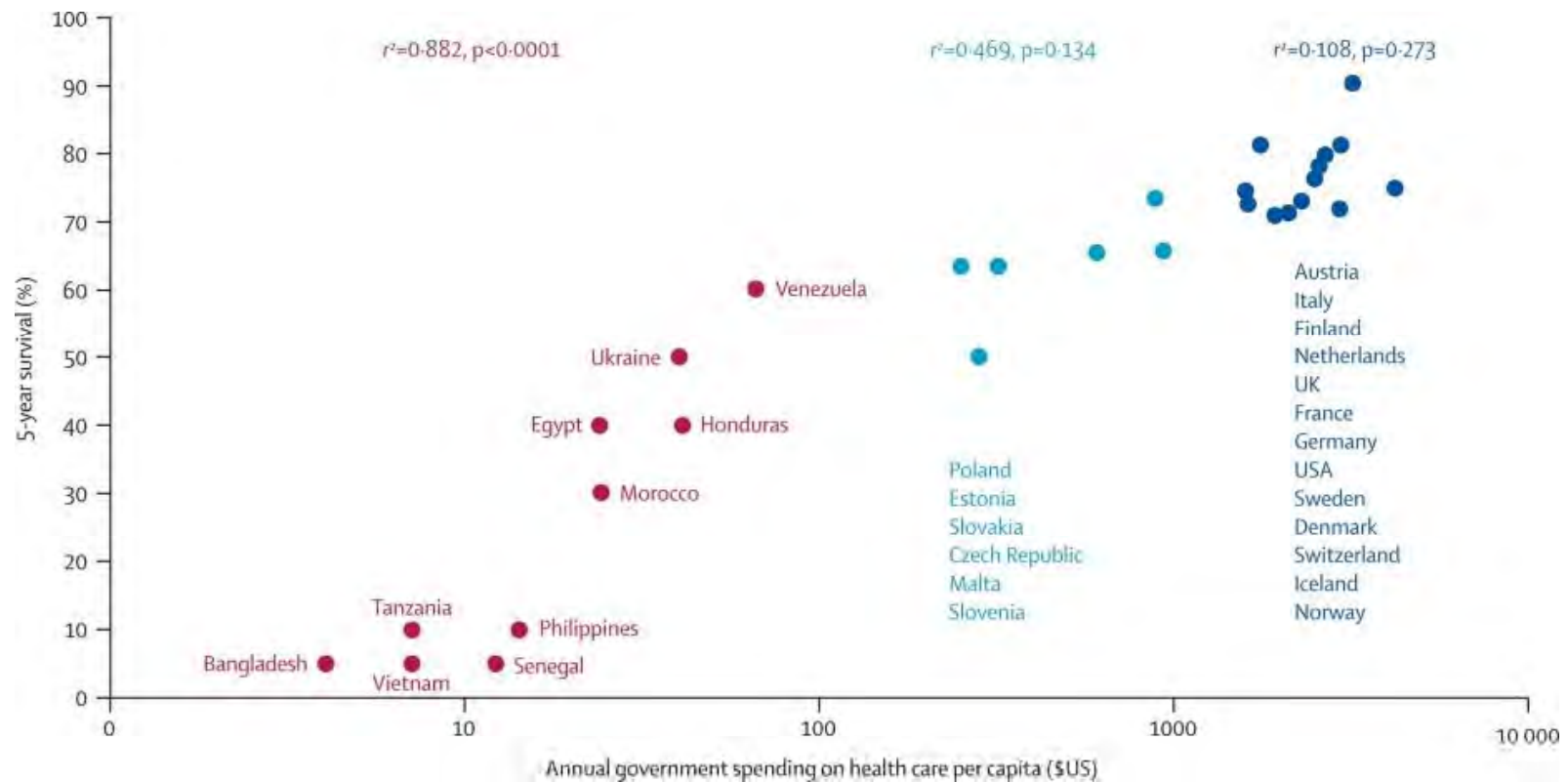


33 catalytic childhood cancer projects in 21 selected countries

financing of up to €50,000/year
(funding from sanofi-aventis with additional support from NCI-USA)



Correlation between under -5 mortality and survival of pediatric cancer in 10 countries



***UICC My Child Matters
Lancet Oncology 2008; 9:721***



Outcome in developing countries

Source: extensive evaluation in 10 countries of MCM

correlated with:

- structure of health care
- international help (twinning)
- activities of civil society

more than with GDP

*UICC My Child Matters
Lancet Oncology 2008; 9:721*



Countries with MCM-projects

Bangladesh
Bolivia
Burkina Faso
Colombia
Ivory Coast
Egypt
Honduras
Indonesia
Kenya
Mali
Morocco



Countries with MCM-projects

(cont.)

Pakistan
Paraguay
Peru
Philippines
Romania
Senegal
Tanzania
Ukraine
Venezuela
Vietnam



Countries with MCM-projects

NEW:

Ecuador

Panama

Mozambique

Cameroun

Thailand



AFRICA: *My Child Matters*TM 2009 projects

●BURKINA FASU

- Reinforcement of pediatric oncology unit of Ougadougou

Dr. Diarra Ye

Centres hospitaliers universitaires de Ougadougou

●IVORY COAST

- Rehabilitation of pediatric oncology of Treichville

Prof Andoh Joseph

CHU de Treichville, Service de Pédiatrie, Abidjan

●EGYPT

- Promoting awareness of pediatric oncology in Egypt

Prof Salah Abdel Hadi

National Cancer Institute, Fom El Khalig, Cairo

- We are the children, we are the world

Dr Ayman Omar

Medical Philanthropic Association, Fakkous Cancer Center, Fakkous

●KENYA

- Establishing awareness of the occurrence of Burkitt's lymphoma

Dr Nicholas Antony Othieno Abinya

Kenya Medical Research Institute



AFRICA: *My Child Matters*TM 2009 projects

- **MALI**

- **Oncopaedia Mali**

Dr Boubacar Togo

Hôpital Gabriel Touré, Bamako

- **MOROCCO**

- **Pain management in children with cancer**

Prof Mhamed Harif

Moroccan Society of Hematology and
Pediatric Oncology, Casablanca

- **National campaign to increase the early diagnosis of childhood cancer**

Prof Fouzia Msefer Alaoui

La Maison de l'Avenir, Hay Nadha II,
Rabat

- **SENEGAL**

- **A pediatric oncology care unit**

Prof Claude Moreira

Service Pédiatrique, Hôpital Le Danctec,
CHU de Dakar, Dakar

- **TANZANIA**

- **Expanding access to treatment of Burkitt's lymphoma**

Dr Twalib Ngoma

Ocean Road Cancer Center,
Dar es Salaam



MCM-projects: Examples

- palliative care unit
- training of GPs
- awareness programs
- diagnostic improvements
- limited support for expanding treatment possibilities
- campaign against abandonment

Early results ASCO 2007
Abstract 9256



● Join us at the
2010 World Cancer Congress
18-21 August 2010 – Shenzhen, China

Preventing the preventable

Treating the treatable

Systems to make it happen

www.worldcancercongress.org

