



FORMAZIONE INFERMIERISTICA SPECIALISTICA IN UN CONTESTO A MEDIE RISORSE. E' POSSIBILE INDIVIDUARE UN MODELLO?

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**CONGRESSO
INFERMIERISTICO
AIEOP**

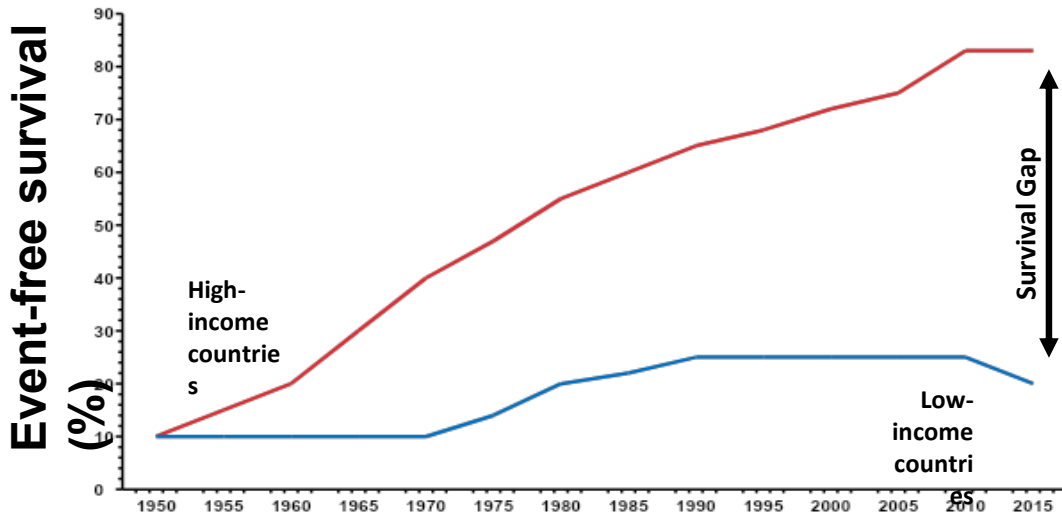
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Disclosures

Company name	Research support	Employee	Consultant	Stockholder	Speakers bureau	Advisory board	Other

Pediatric Cancer Survival Gap



Five-year survival rates exceed 80% for the 45,000 children with cancer in high-income countries (HICs) but are **less than 30%** for the 384,000 children in lower-middle-income countries (LMICs).

Elementi di natura infermieristica che influenzano direttamente l'outcome e la sopravvivenza dei pazienti

- **formazione**
 - + 10% di infermieri BSN/formazione specialistica = - 5% mortalità
- **staffing**
 - + 1 paziente/infermiere oltre lo standard = + 7% mortalità e +7% morti per complicanze prevenibili
- **ambiente di lavoro**

La nostra esperienza



ETS



Dagli anni '80

cura e trattamento delle leucemie età pediatrica
in Centro America

Dal 2016

progetti di start-up centri trapianto di CSE
(malignancies e no) --> contesti MICs



Fondazione IRCCS
San Gerardo dei Tintori

Sistema Socio Sanitario



Regione
Lombardia

Middle Income Countries (MICs)



GNI 1,136\$ - 13,845\$/ *pro capite/y*

- Kurdistan Iracheno (Sulaymaniah)
- Paraguay (Asunción)
- Guatemala (Ciudad de G.)
- Iraq (Mosul)

The BMT program: minimum requirements

Trained staff

Blood bank

Cell processing Lab

HLA

Drugs



ELSEVIER

Biology of Blood and
Marrow Transplantation

journal homepage: www.bbmt.org



Reports

Worldwide Network for Blood and Marrow Transplantation Recommendations for Establishing a Hematopoietic Cell Transplantation Program, Part I: Minimum Requirements and Beyond

Marcelo C. Pasquini^{1,*}, Alok Srivastava², Syed Osman Ahmed³, Mahmoud Aljurj³, Yoshiko Atsuta⁴, Carol Doleysh¹, Sebastian Galeano⁵, Eliane Gluckman⁶, Hildegard Greinix⁷, Gregory A. Hale⁸, Parameswaran Hari¹, Shahrukh K. Hashmi³, Naynesh Kamani⁹, Mary J. Laughlin¹⁰, Dietger Niederwieser¹¹, Adriana Seber¹², Jeffrey Szer¹³, John A. Snowden¹⁴, Koen Van Biesen¹⁵, Paula Watry¹, Daniel J. Weisdorf¹⁶, Jane Apperley¹⁷

Bone Marrow Transplantation (2021) 56:536–543
<https://doi.org/10.1038/s41409-020-0983-5>



PERSPECTIVE



Setting up and sustaining blood and marrow transplant services for children in middle-income economies: an experience-driven position paper on behalf of the EBMT PDWP

Lawrence Faulkner^{1,2}, Marta Verna³, Attilio Rovelli³, Rajat Kumar Agarwal², Rakesh Dhanya², Lalith Parmar², Amit Sedai², Ankita Kumari², Stalin Ramprakash⁴, C. P. Raghuram⁴, Pallavi Mehta⁴, Sandeep Elizabeth², Sadaf Khalid^{1,5}, Aliya Batool², Sarah Khan Ghilani⁵, Itrat Fatima⁶, Tattheer Zara⁶, Priya Marwah⁷, Rajpreet Soni⁷, Deepa Trivedi⁸, Valentino Conter³, Marta Canesi⁹, Dosti Othman⁹, Vian Faeq⁹, Katharina Kleinschmidt¹⁰, Akif Yesillipek¹¹, Catherine G. Lam¹², Scott C. Howard¹³, Selim Corbacioglu¹⁰, the Pediatric Diseases Working Party of the European Blood and Marrow Transplantation Group

Sistema Socio Sanitario



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FIRST EXPLORATORY MISSION

Pre-requirements assessment

Infrastructure

Blood
bank

General
Lab

Processing
Lab

Pharmacy

Hospital Request

Health authorities contact

Staff evaluation

Responsibility
tree

Training
needs

See relative
checklist

Assessment report

Cost analysis

Feasibility and sustainability

Project
proposal and
timelines

International staff fundraising
for education and training

Local staff budget plan for
infrastructures/equipment

The availability of sufficient well-trained staff at the various steps of transplantation within continuous training to advance their knowledge is a cornerstone of any successful transplantation.
(Aljurf, Niederwieser et al, 2019)



**Implementazione di un centro trapianto nell'arco di 3 anni:
focus sulla formazione infermieristica**

Infermieri e MICs: quale priorità nella “formazione”? (SIOP 2014)

- Frequently poorly educated
- No adequate staffing
- Restricted access to doctors at nights and weekends
- Shortage of allied healthcare professionals
- Lack of medical equipment
- Lack of effective communication/partnership between physicians and nurses

Contenuto tecnico-scientifico

di base

specialistico

Cultura professionale

responsabilità

consapevolezza del proprio ruolo

identificazione delle proprie competenze specifiche in equipe

leadership

Competenze trasversali

comunicazione

capacità di lavorare in equipe

competenza culturale



Quali sfide?

1. New nurses orientation
2. “Train the trainer”
3. Priority Setting
4. Problem Solving
5. Teamwork and Shared Decisions
6. Pediatric PICC team / Non invasive respiratory support (CPAP)
7. Local Education to be improved
8. Out-Patient Clinic & Follow-up implementation



Cultural and gender related issues

47

| Special article

Ital J Gender-Specific Med 2017; 3(2): 47-54

A capacity-building project for the establishment of a hematopoietic stem cell transplant (HSCT) center at the Hiwa Cancer Hospital (HCH), Sulaymaniyah, Iraqi Kurdistan: A look inside professional barriers and gender issues

Ignazio Majolino, Marta Canesi

Institute for University Cooperation (ICU), Rome; International Voluntary Service Association (AVSI), Milan, Italy. *Received 2 August 2017; accepted 20 September 2017.*

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SI' MA...

- leadership infermieristica
- follow-up da remoto/ formazione continua
- bassa retention infermieristica
 - salari bassi - doppie attività lavorative
 - mancanza di progressioni/opportunità di crescita
 - mancanza di opportunità formative
 - mancanza di diritti dei lavoratori nei Paesi: condizioni, ritmi ed ambiente di lavoro
 - scarsa affiliazione?





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