

**Name:** Cornelio Uderzo

**Date of birth:** 25<sup>th</sup> - May-1945

**Nationality:** Italy

**Qualifications with dates:**

M.D., School of Medicine ,University of Milan. 20<sup>th</sup>-July-1970

Pediatrics Speciality October 1973

Haematology Speciality October 1977

Hospital management, Bocconi,Milan 1988

National Marrow Donor Program training (Minneapolis -USA) 1992

**Registration and Training**

Medical licence number / registration number: 13853

Date completed higher specialist training (where applicable):

1981,1987,1990,1995,1998,2004 Internal Fellowship at Fred Hutchinson Cancer Research Center for Bone Marrow Transplantation (Seattle, USA)

Higher Specialist Registration in (*speciality*): Since 1977 Paediatric and Haematology Speciality

**Current post and date appointed:** Chairman of the Pediatric BMT Unit (S.Gerardo.Hospital, Monza, University of Milan, Italy) from 1983 to 2007

**Summary of Current Responsibilities: Program Director of BMT Units (Pediatric and Adults), S. Gerardo Hospital,Monza from 2007 to date.**

**Previous Posts** Please list your previous positions with dates. Please note that you are not required to list all of the responsibilities of each post:

**Year Post**

1973-1983 Physician in charge, Pediatric DPT, ICP, University of Milan

1983-to 2007 Attending Physician , Chairman of the Pediatric BMT Unit S.Gerardo. Hospital , Monza, University of Milan

1984-to date Teaching Professor for Lab and Clinical Haematology and supportive care in immunosuppressed patients, University of Milan; Teaching Professor in Paediatric Haematology Master of University "La Sapienza", Rome, Italy

1994-2007 Member of the therapeutic surveillance Commission at S.G. H. Monza

**2002-present Chairman of the Quality management for Iso 9001-2008,JACIE and JCI**

**2004-present Program Director of BMT Units S.G.H. ,Monza according to the obtained Jacie European Certification**

**2007-2011 Two months period of Paediatric Experience in two different African Hospitals (Malawi, Tanzania)**

**2011 -present Pediatric Hematology-Oncology Consultant on behalf of " Cure2children" Association for "low resources countries"**



**Summary of Training and Experience in BMT:** *Briefly describe your training and experience in each BMT unit where you have worked, noting numbers and type of transplants done at each.*

Principal experience:

Fred Hutchinson Cancer Research Center , Seattle,USA

-I started at the above Institute my first "Fellowship" from September to December 1981,mostly in the Inpatient department,taking care of the assigned transplanted patients (2 to 4 patients a day) according to rotating weekly work-plan.I was supervised by an attending physician and I took care both of adults and pediatric patients from the beginning of the admission throughout the entire course of bone marrow transplantation. In the same period I participated to the "grand -rounds" in which I had to report the clinical patient picture.

- I came back to FHCRC for brief periods of work (1-2 months) both in outpatient and inpatient wards (including on-calls) taking care of different types of transplants (mostly Allogeneic) in 1987 and 1990.

-Then I came back again to FHCRC for update periods of 7 to 10 days in 1995,1998 and 2004 attending a number of general "staff meetings "and having a personal talks with clinical and Lab experts of FHCRC (R. Storb,B. Witherspoon, J.Deeg,B. Bensinger, G. Mc Donald, J.Sanders, D. Thomas) : major fields of my interest were acute and chronic GVHD, transplant related morbidity and mortality,conditioning regimens,"late Effects"

Personal experience at BMT Unit of S.Gerardo. Hospital, University of Milan , Monza

-Since June 1983 to date I served as principal coordinator of this BMT Unit where more than 500 transplants have been performed (80% Allogeneic)in patients aged 1 to 25 years , affected by malignancies or non malignancies.In the last 5 years of experience the median number of AlloBMTs performed a year has been 25 and there was an increased number of Unrelated transplants (18 in 2009). Concurrently I've continuously been involved in all clinical and research aspects of BMT thanks to the facilities and skills we have in our hospital, mostly regarding the biotechnology for HLA typing,minimal residual disease and chimerism studies,management of purging in autologous BMT or all the procedures concerning the Haplo transplants or cell therapy.

### **Ongoing Educational Activities in BMT**

*e.g. member of EBMT WP or Subcommittee; BMT-related meetings attended in last 2 years*

-Member of different International Scientific Societies (EBMT since 1985,ASH since 1993,International-BFM-SG since 1996, GITMO and AIEOP ( both are Scientific Haematology Italian Association) since 1987. I was coordinator of many Italian and international studies concerning Leukemic patients and BMT.

-Since 1995 till now I was member of "Late Effects" EBMT-WP and since 1998 member of the "Pediatric Disease-EBMT-WP". In particular on behalf of LE EBMT-WP I have coordinated a ten year prospective study concerning "pulmonary and cardiac late effects in children undergoing BMT"; on behalf of I-BFM-SG and of EBMT PD-WP I have coordinated a

prospective study comparing "Allogeneic BMT and Chemotherapy" in Very High Risk acute lymphoblastic leukemia in first complete remission.

-Since 2001 to 2003 I was coordinator of the BMT group of the Italian Association for Pediatric Hematology and Oncology (AIEOP). In this period I was principally involved a) in the initial effort for setting up a group of experts evaluating the JACIE accreditation of AIEOP BMTs centers, b) on the revision of AIEOP BMT Guidelines, c) on launching new prospective studies and trying to conclude some retrospective studies, d) on all the activities concerning the connection between AIEOP BMT registry and EBMT registry, e) common studies among adult and pediatric BMT centers in Italy coordinated by GITMO group, f) setting up common studies with EBMT group, mostly with PD-WP

### **Selected publications**

*Please give BMT-related publications in last 2-5 years (not more than 10)*

I'm author or co-author of 215 publications in international Journals since 1975 to present

My principal publications of the last 10 years are here listed :

C Uderzo et al: Impact of thrombotic thrombocytopenic purpura on leukemic children undergoing bone marrow transplantation. *Bone Marrow Transpl* 26: 1005-1009, 2000

E Biagi, A Rovelli, A Balduzzi, P De Lorenzo, A Tagliabue, C Uderzo: TBI, etoposide and cyclophosphamide as a promising conditioning regimen for BMT on childhood ALL in second remission. *Bone Marrow Transpl* 26: 1259-1262, 2000

G Dini, R Cancedda, F Locatelli, A Bosi, G Bandini, E P Alessandrino, F Porta, C Uderzo, et al: Unrelated donor marrow transplantation: an update of the experience of the Italian Bone Marrow Transplant Group (GITMO). *Haematol* 85 (suppl 11): 30-36, 2000

A Pession, R Rondelli, P Paolucci, G Pastore, G Dini, F Bonetti, E Madon, F Mandelli, L ZanESCO, C Uderzo, et al: Hematopoietic stem cell transplantation in childhood: report from the bone marrow transplantation group of the Associazione Italiana Ematologia Oncologia Pediatrica (AIEOP). *HAEMATOLOGICA* 85: 638-646, 2000

P. Perseghin, A Balduzzi, S. Bonanomi, M Dessi, F Buscemi, D Longoni, A Rovelli, C Uderzo : Infusion-related side-effects in children undergoing autologous hematopoietic stem cell transplantation for acute leukemia. *Bone marrow transplantation* 26, 116-118, 2000

A Cohen, A Rovelli, MT van Lint, F. Merlo, A Gaiero, A Balduzzi, P Corti, C Uderzo, A Bacigalupo Secondary thyroid carcinoma after allogeneic bone marrow transplantation during childhood. *Bone Marrow transplantation* 28, 1125-1128, 2001.

A. Balduzzi, G Gaipa, S Bonanomi, M Dassi, P Perserghin, F Buscemi, E D'Aniello, A Rovelli, R Schirò, D Longoni, A Rambaldi, C Uderzo, A Biondi. Purified autologous grafting in childhood acute lymphoblastic leukemia in second remission: evidence for long-term clinical and molecular remissions. *LEUKEMIA* 15, 50-56, 2001

A Balduzzi, MG Valsecchi, D Silvestri, F Locatelli, L Manfredini, A Busca, AP Iori, C Messina, A Prete, M Andolina, F Porta, C Favre, S Ceppi, G Giorgiani, E Lanini, A Rovelli F

Fagioli, C De Fusco, R Rondelli, C Uderzo . Transplant-related toxicity and mortality: an AIEOP prospective study in 636 pediatric patients transplanted for acute leukemia. Bone Marrow Transplantation 29,93-100,2002

F Locatelli, M Zecca, C Messina, R Rondelli, E Lanino, N Sacchi, C Uderzo et al. Improvement over time in outcome for children with acute lymphoblastic leukemia in second remission given hematopoietic stem cell transplantation from unrelated donors. LEUKEMIA 16,2228-2237,2002

P Corti, C Uderzo, A Tagliabue et al. Defibrotide as promising treatment for thrombotic thrombocytopenic purpura in patients undergoing bone marrow transplantation. BONE MARROW TRANSPLANTATION 29,542-543,2002.

G Gaipa, M Dassi, P Perseghin, N Venturi, P Corti, S Bonanomi, A Balduzzi, D Longoni, C Uderzo et al. Allogeneic bone marrow stem cell transplantation following CD34\* immunomagnetic enrichment in patients with inherited metabolic storage diseases. Bone Marrow Transplantation 31,857-860,2003.

C Messina, F Locatelli, E Lanino, C Uderzo et al. Extracorporeal photochemotherapy for pediatric patients with graft-vs-host disease after haematopoietic stem cell transplantation . BRITISH JOURNAL OF HAEMATOLOGY 122,118-127,2003.

A Balduzzi, V Rossi, L Crral, S Bonanomi, D Longoni, A Rovelli, V Conter, A Biondi, C Uderzo Molecular remission induced by gemtuzumab ozogamicin associated with donor lymphocyte infusions in t(4;11) acute lymphoblastic leukemia relapsed after transplantation. LEUKEMIA 1-2, 2003

F Locatelli, P Nolke, M Zecca, E Korthof, E Lanino, C Peters, A pession, H Kabisch, C Uderzo et al. Hematopoietic stem cell transplantation (HSCT) in children with juvenile myelomonocytic leukemia(JMML): results of the EWOG-MDS/EBMT trial. BLOOD 105:410-419,2005 .

P. Corti, C Peters, A Balduzzi, B Bertagnolio, A Biondi,, C Bugarin, M Dassi, F Furlan, G Gaipa, D Longoni, O Maglia, R Parini, P Perseghin, C Uderzo, G Uziel, G Maser, A Rovelli. Reconstitution of lymphocyte subpopulations in children with inherited metabolic storage diseases after haematopoietic cell transplantation. BRITISH JOURNAL OF HAEMATOLOGY 130,249-255,2005.

A. Balduzzi, MG Valsecchi, C Uderzo et al. Chemotherapy versus allogeneic transplantation for very –high –risk childhood acute lymphoblastic leukaemia in first complete remission: comparison by genetic randomisation in an international prospective study. LANCET 336:635-642,2005

M.T. Van Lint, G Milone, S Leotta, C Uderzo et al.. Treatment of acute graft-versus – host disease with prednisolone: significant survival advantage for day+5 responders and no advantage for nonresponders receiving ant-thymocyte globulin. BLOOD 107:4177-4181, 2006.

C. Uderzo, S. Bonanomi, A. Busca et al. Risk factors and severe outcome in thrombotic thrombocytopenic purpura after allogeneic hematopoietic stem cell transplantation. *TRANSPLANTATION*, 82;638-644;2006

Impact of cumulative anthracycline dose, preparative regimen and chronic graft-versus-host disease on pulmonary and cardiac function in children five years after allogeneic hematopoietic stem cell transplantation: a prospective evaluation on behalf of the EBMT Pediatric Diseases and Late Effects Working Parties. *BONE MARROW TRANSPLANTATION*. 2007.

A. Balduzzi, P. De Lorenzo, A. Schrauder, V. Conter, C. Uderzo et al. Eligibility for allogeneic transplantation in very high risk childhood acute lymphoblastic leukemia: the impact of the waiting time. *HAEMATOLOGICA* 2008

C. Uderzo, M. Pilon, G. Tridello et al. Cardiac and pulmonary late effects do not negatively influence performance status and non-relapse mortality of children surviving five years after autologous hematopoietic cell transplantation: Report from the EBMT Paediatric Diseases and Late Effects Working Parties. *PEDIATRIC TRANSPLANTATION*, 2009, 15, 719-724

C. Uderzo, P. Rebori, E. Marrocco et al. Glutamine-enriched nutrition does not reduce mucosal morbidity or complication after stem cell transplantation for childhood malignancies: a prospective randomized study. *TRANSPLANTATION* 2011; 91:1321-1325

Autologous purified peripheral blood SCT in childhood low-risk relapsed ALL. Balduzzi A, Bonanomi S, Valsecchi MG, Gaipa G, Perseghin P, Songia S, Maglia O, Rossi V, Motta S, Di Maio L, Dassi M, Uderzo C, Conter V, Henze G, von Stackelberg A, Rovelli A, Biondi A, Galimberti S. *Bone Marrow Transplant*. 2011 Feb; 46(2):217-26. Epub 2010 Apr 26.

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