

MICHELE USUELLI

**MEDICAL DOCTOR, SPECIALIST IN PAEDIATRICS-NEONATOLOGY
 ADJUNCT PROFESSOR AT UNITELMA SAPIENZA, UNIVERSITY OF ROME
 NATIONAL SECRETARY SIN WORKING GROUP ON NEONATAL CARE IN DEVELOPING COUNTRIES**

Marital Status: Married, 2 children
 Nationality: Italian
 Date of Birth: September 25th, 1974
 Birthplace: Milan, Italy
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Authorization to the treatment of personal data, in accordance with the Italian law on privacy (D.lgs 196/2003):
 Updated on October 2018.
 Medical License Number 36921

PROFESSIONAL EXPERIENCE:

Regional Council of Lombardia **May 2018 - ongoing**
Elected as Regional Counselor
President of the group +Europa con Emma Bonino

Fondazione IRCCS Ca' Granda Maggiore Hospital, **May 2011- May 2018; at present on leave**
neonatal intensive care unit, NICU, Milan, Italy.
Neonatal doctor Assistant

- Lead and managed the neonatal emergency transport system, STEN.
- Lead and managed the research program of neonatal care in developing countries

Senior neonatologist at 3rd level NICU with capacity of managing up to 25 ventilated newborns, pre-post operative management of surgical newborns, intensive/subintensive NICU, neonatal department and follow up, 6,200 deliveries per year (biggest in Italy). During night duties in charge of up to 140 healthy/non healthy newborns and leading neonatal team of around 25 health workers. Experienced in all emergency neonatal care procedures.

Emergency, int NGO, Anabah Maternity Hospital, Panshir, Afghanistan **Apr 2017- Jul 2017**
Director of Paediatric and neonatal services

In charge of patient management and training of national staff, including training of 11 Afghan doctors during their specialisation school in Paediatrics with University of Kabul. I implemented the scaling up of respiratory distress support introducing nasal CPAP. I directed a neonatal unit of 7,000 deliveries per year, including management of newborns, a paediatric emergency room of over 100 patients per day, and the paediatric department of 15 beds. We kept hospital neonatal mortality rate to 20-25/1,000. I updated neonatal protocols and procedures of the neonatal department, then officially approved by EMERGENCY headquarter.

Fondazione IRCCS Ca' Granda Maggiore Hospital, **Jan 2013**
neonatal intensive care unit, NICU, Milan, Italy.

Field visit for feasibility study at Kamuzu Central Hospital, for the assessment of cooperation project "scale up of neonatal health services, KCH, Lilongwe, Malawi".

Emergency int NGO headquarter, Milan, Italy **Mar 2010- May 2011**
Director of paediatric division

In charge of direction of 4 paediatric hospitals in Afghanistan, Sierra Leone, CAR, Sudan Nyala Darfur and 1 health centre Sudan Khartoum (Mayo IDP camp); selection International staff, coordination between paediatric projects and Headquarters, guidelines, project proposals, monitoring and evaluation, production of scientific articles and presentations at medical congresses.

Monitoring and evaluation:

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- Panshir maternity hospital, Anabah, Afghanistan, Dec 2010, 1 month
 - Bangui paediatric hospital, Central African Republic, Aug 2010, 1 month
 - Goderich paediatric hospital, Freetown, Sierra Leone, Jul 2010, 1 month
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During Monitoring, duties included patient management, training on the job of national staff, relationship with partners and authorities.

Emergency, int NGO, Sudan, Khartoum, Mayo Paediatric Centre **Oct 2009 – Mar 2010**
Director of Paediatric services

In charge of organisation, patient management, training of national staff, relationship with partners and authorities. Outpatient paediatric health centre with laboratory, 6 beds for day hospital, referral services to city hospitals and outreach activities in the biggest internally displaced people camp in Sudan (estimated 500,000; 50% children-adolescents). The centre aims to be the gold standard of a paediatric health centre.

Emergency, int NGO, Sudan, Nyala, Darfur **Feb 2010, 10 days**
 Preparatory work to open the Emergency paediatric hospital: relationship with partners and authorities, local staff selection.

M.Melloni Hospital, Milan-Italy, neonatal intensive care unit NICU **Jul 2008 - Sept 2009**
Neonatal doctor Assistant

Lead and managed the neonatal emergency transport system, STEN, including several newborns with foetal diagnosis of congenital malformations, born at hospital and referred to 3rd level cardiac surgery hospital, 3,000 deliveries per year. Neonatologist at 3rd level NICU with capacity of managing up to 8 ventilated newborns, intensive/subintensive NICU, neonatal department and follow up. During night duties alone in charge of up to 60 healthy/non healthy newborns and leading neonatal team of around 12 health workers. Experienced in all emergency neonatal care procedures

Emergency, int NGO, Anabah Maternity Hospital, Panshir, Afghanistan **Oct 2007- May 2008**
Director of Paediatric and neonatal services

In charge of patient management and training of national staff. I developed the neonatal unit (at that time 3,000 deliveries per year) scaling up from essential neonatal care to cost-effective comprehensive neonatal care, reducing hospital neonatal mortality rate to 25/1,000. (See below for publications). Mortality data remained consistent. Organized IMNCI training for EMERGENCY staff working at health centre level. Monitoring paediatric and neonatal care at health centre level.

CESTAS int NGO, Bwaila (Bottom) regional Maternity Hospital, Lilongwe, Malawi **May 2005- Sept 2007**
And Dowa District hospital with district health centres
Country Representative for CESTAS, program director and director of neonatal services at Bwaila Hospital

Project managed: "Safe Motherhood in Lilongwe and Dowa District, Malawi", Italian MFA. In charge of patient management and training of national nurses and patient attendants at Bwaila (Bottom) neonatal unit. There were no doctors to review newborns in the biggest neonatal unit at country level with 12,000 deliveries per year (biggest in Malawi). I strengthened the neonatal unit, scaling up from not even essential neonatal care to essential neonatal care, reducing hospital neonatal mortality rate to 30-33/1,000. (See below for publications). Organized several neonatal resuscitation trainings for Bwaila nurses and midwives.

At Dowa District hospital, Dowa community hospitals health centres, I strengthened basic (BEMOC) or comprehensive emergency obstetric care (CEMOC) organizing 1 month on the job training session for each midwife of the district, with rotations: 1 midwife from HC 1 month at Dowa District hospital to refresh BEMOC, while 1 midwife from Dowa District hospital attended 1 month at Bwaila to refresh CEMOC, while 1 midwife from Bwaila attended 1 month at Dowa HC to cover the roster. We also changed the eclampsia protocol at Dowa DH from diazepam to MG sulphate.

Projects written and approved:

- -"Scaling up services for long term and permanent contraception to rural hospitals and health centres in Dowa district", funded by CIDA Malawi.
- -"Quality improvement of maternal and neonatal health services at Kamuzu central hospital and Bottom hospital", funded by UNICEF Malawi.

A. Manzoni Hospital, Lecco-Italy, neonatal intensive care unit NICU. **Oct 2003 – Apr 2005**
Neonatal doctor Assistant

Member of the neonatal emergency transport system, STEN, including several helicopter transports from several Alps Hospitals. Neonatologist at 3rd level NICU with capacity of managing up to 8 ventilated newborns, intensive/subintensive NICU, neonatal department and follow up, 2,200 deliveries per year. During night duties alone in charge of up to 60 healthy/non healthy newborns and leading neonatal team of around 14 health workers. Experienced in all emergency neonatal care procedures.

**Department of Neonatology, University of Medicine,
San Paolo Hospital, Milan, Italy**

Jun 2003 –Sept 2003

Neonatal doctor Assistant (employed during specialization school).

Neonatologist at 2nd level neonatal unit with subintensive care, neonatal department and follow up, 2,000 deliveries per year. During night duties alone in charge of up to 60 healthy/non healthy newborns and leading neonatal team of around 14 health workers. Experienced in neonatal resuscitation protocols and umbilical catheters placement.

M.Melloni Hospital, Milan-Italy, neonatal intensive care unit NICU.

Feb 2003- Sept 2003

Neonatal doctor assistant, junior. (Employed during specialization school)

Trained and then independent in neonatal emergency transport system, STEN, including several newborns with foetal diagnosis of congenital malformations, born at hospital and referred to 3rd level cardiac surgery hospital, 3,000 deliveries per year. Junior neonatologist at 3rd level NICU with capacity of managing up to 8 ventilated newborns, intensive/subintensive NICU, neonatal department and follow up. Never on duty alone, apart for STEN.

Medicus mundi (NGO), Gipsy camp, via Treboniano, Milan, Italy.

Jan 2003 –Jul 2003

In charge of the paediatric consultations, once a week (employed during specialization school)

Department of Paediatrics, University of Medicine, San Paolo Hospital, Milan, Italy. Jun 2002 – Jul 2003

Medical Coordinator, in charge of the paediatric consultation in the outpatients department for child non legal immigrants (part of my duties during specialization school).

CESVI Int NGO, KompongChhnang, Cambodia,

June 2001 – June 2003

Medical coordinator and Country Representative (employed during specialization school)

Project managed:

- Development of Basic Health Services, TukPhos District, KompongChhnang Province, (European Union), June 2001 - June 2003.

Daily work at health centres and village level in collaboration with the health centres staff for primary health care clinical management, EPI, outreach activities, health education, patient referral, TB detection. Among other activities and trainings, we built and opened an additional health post with MoH in Kdol, trained all MoH staff in IMCI (during early expansion phase), rehabilitated an old TB centre, among other things

Project written, approved and managed:

- Malaria and TB Prevention Project, TukPhos District, KompongChhnang Province (Block Grant European Union), Phase I, Aug 2001- April 2002 + Phase II, June 2002 – Feb 2003

More than 30,000 impregnated bed nets distributed family by family and village by village during regular outreach activities, with HCs staff.

- "Rehabilitation of KompongChhnang Hospital, Cambodia". CESVI. (JICA, 2003)

Project written and approved:

- "Community IMCI in KompongChhnang Province". CESVI. Approved by United Nations Foundation in partnership with the WHO and WVI. 2003

Social Services Department, Municipality of Milan, Gypsy camp, Via Idro. Italy. Sept 1997- Sept 1999
Social worker with children (employed during medical school, 40 hours per month)

Duties included supervising educational and recreational activities for gypsy children. For 2 years trainer of the camp children football team, successfully participating to CSI town children championship. I also helped creating LaciButi cooperative, aimed at creating work possibilities for gypsies, as vice president.

EDUCATION:

ADJUNCT PROFESSOR AT UNITELMA SAPIENZA, UNIVERSITY OF ROME

April 2017

Professor at e-learning course "Essential neonatal care in low income countries"

- Management of respiratory distress
- Difficult feeding part 1
- Difficult feeding part 2

**Master of paediatrics, Board certified in paediatrics
University of Milan, Milan, Italy****October 1999 - September 2004**

Graduated with a top grade of 70/70 Cum Laude

Thesis: Influence of micronutrients supplementation in mortality, morbidity and growth pattern in rural Cambodian infants in the first 2 years of life. Published J Pediatric Gastroenterology and Nutrition. 2007 Jan;44(1):136-42

Medical Degree**September 1993- September 1999****University of Milan, Milan, Italy**

Graduated with a top grade of 110/110 Cum Laude

Research internship**July 1997- Sept 1997**

Department for Congenital and Childhood Illnesses, Cornell University, Ithaca, USA

MEMBERSHIP:

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- Partnership for maternal Neonatal and Child Health. PMNCH, focal point on behalf of Italian Society of Neonatology (ART constituency). www.who.int/pmnch/about/members/database/sinwg/eng
 - SIN Study group on neonatal care in developing countries (PMNCH member): national secretary (2016-ongoing). Treasurer 2013-2015.
 - BMC Pregnancy and Childbirth, <http://bmcpregnancychildbirth.biomedcentral.com/>: peer Reviewer.
 - Italian Journal of Pediatrics, <https://ijponline.biomedcentral.com/>: Reviewer
 - Since 2011-ongoing. Lecturer to Elective training course for medical students: "Promotion of mother and child health in developing countries", San Gerardo Hospital, University of Milano - Bicocca, 2011, 2012, 2013, 2014, 2015, 2016, 2017.
 - Since 2015-ongoing. Lecturer to Seminar on surgery and medicine for war victims and in low resource settings, Venice – EMERGENCY (INT NGO), 2015, 2016 8, 1st and 2nd editions.
 - SIP, Italian Society of Paediatrics.
 - SIN, Italian Society of Neonatology.
 - Emergency int NGO: board member of the Medical division.
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CONGRESS ORGANISATION:

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- International Seminar: Population bomb and voluntary family planning in low income countries. From scientific evidence to political agenda. <https://www.associazionelucacoscioni.it/bomba-demografica-politiche-contraccettive-nei-paesi-limitate-risorse>. University of Milan October 5th 2018: Scientific Coordinator
 - VI International Congress: Essential Neonatal Care in low income countries; Trento, February 23-24 2018, Federazione Trentina delle Cooperative. Member of scientific committee
 - V International Congress: Essential Neonatal Care in low income countries; November 3rd 2016, Azienda Ospedaliero-Universitaria di Parma. Member of scientific committee.
 - IV International Congress: Neonatal care in low income countries: Università degli Studi di Milano, Aula Magna, Milan. October 13rd 2015: Scientific Coordinator of the congress. www.nascere.info
 - 3rd International congress: Essential care of newborn infant in low income countries policy, strategy and problems. University of Bari Italy, September 19, 2014: member of the scientific committee.

LANGUAGES

- Italian - Mother tongue
- English - Fluent in speaking, reading and writing
- Spanish - fluent in speaking (married to a Peruvian)
- Khmer (Cambodian) - Basic conversation
- Dari (Persian) - elementary
- Arabic – elementary

SCIENTIFIC PUBLICATIONS AND CONGRESS PRESENTATIONS

1. Abstract: Overpopulation and family planning: a strategy to achieve reduction of maternal and neonatal mortality in high fertility-low income countries. XXIV SIN National Congress, Italian Society of Neonatology. Rome, Sept 26-29. www.jpnm.com Open Access eISSN: 2281-0692 Journal of Pediatric and Neonatal Individualized Medicine 2018;7(2):e070227 doi: 10.7363/070227 Published online: 2018 Sept 26
2. President of the congress session: CARE; XXIV SIN National Congress, Italian Society of Neonatology. Rome, Sept 28.
3. Lecture: Video teaching to improve medical skills in emergency specialization school of neonatology. EMERGENCY 4th Seminar on High Quality Surgery and Medicine in War Torn and in Low Income Areas. Venice – May, 18th-19th 2018
4. Lecture: Neonatal care in the EMERGENCY model; Understanding the aim through the data. EMERGENCY 4th Seminar on High Quality Surgery and Medicine in War Torn and in Low Income Areas. Venice – May, 18th-19th 2018
5. Oral Presentation: Birth asphyxia in limited-resource settings: associated factors and outcomes in rural Afghanistan. 2nd International Workshop Intensive Care of the Newborn Full Interactive meeting Verona 8th – 10th March 2018. www.jpnm.com Open Access eISSN: 2281-0692 Journal of Pediatric and Neonatal Individualized Medicine 2018;7(1):e070125 doi: 10.7363/070125 Published online: 2018 Mar 07
6. Lecture: Birth preparedness and neonatal care: How many lives can they save? VI International Congress Essential Neonatal Care in low income countries; Trento, February 23-24 2018
7. Lecture: development of neonatal care in low income countries, XXIII National Congress Italian Society of Neonatology. Milan sept 28 2017. www.jpnm.com Open Access eISSN: 2281-0692 Journal of Pediatric and Neonatal Individualized Medicine 2017;6(2):e060222 doi: 10.7363/060222 Published online: 2017 Sept 25
8. Abstract: La salute neonatale nel mondo: come la neonatologia ospedaliera italiana può contribuire a raggiungere il Millennium Development Goal 4, riduzione della mortalità infantile nel mondo. Published at La Pediatria Medica e Chirurgica. Medical and Surgical Pediatrics. pISSN 0391-5387. Vol 39, N1, Jan-Mar 2017, pag 28.
9. WHO book: Towards a Grand Convergence for child survival and health: A strategic review of options for the future building on lessons learnt from IMNCI. Geneva: WHO, 2016. Desk reviewer for “Innovations in the World Health Organization diagnostic and treatment guidelines for newborns and children. Pag 52.
10. Lecture at roundtable: Italian paediatrics and international cooperation. 72° national congress SIP, Italian Society of Paediatrics; Florence, November 16-19 2016, published as supplement Prospettive in Pediatria, May 2017.
11. Lecture: Neonatal jaundice in low income countries. 5th International Congress: Essential Neonatal Care; November 3 2016, Azienda Ospedaliero-Universitaria di Parma.
12. Discussant: role of nurses and parents; 5th International Congress: Essential Neonatal Care; November 3 2016, Azienda Ospedaliero-Universitaria di Parma.
13. Lecture: Neonatal care in the Emergency model: understanding the aim through the data. EMERGENCY. 2nd Seminar on surgery and medicine for war victims and in low resource settings Venice, February 5-6,2016
14. Lecture: Neonatal problems. EMERGENCY. 2nd Seminar on surgery and medicine for war victims and in low resource settings Venice, February 5-6,2016
15. Lecture: Management of neonatal lung diseases when I have just oxygen. Neonatal care in low income countries: IV international congress, Università degli Studi di Milano, Aula Magna, Milan. October 13rd 2015.
16. Lecture: Neonatal problems. 1st seminar: EMERGENCY paediatric projects: free of charge and high quality medicine in low resource settings.Venice, June 12-13, 2015
17. Lecture: Closely spaced pregnancies: the neonatologist's look. International congress: Essential care of newborn infant in low income countries policy, strategy and problems. International congress, Bari (Italy), sept 19, 2014. Acta
18. Article: The late preterm in low income. PE Villani, G Vellani, GP Chiaffoni, R Magaldi, E Padovani, A Ricchini, P Stillo, B Tomasini, F Uxa, D Trevisanuto and M Usulli. Ital J Pediatr. 2014; 40(Suppl 2)
19. Poster: Comprehensive neonatal care at hospital level in Afghanistan: the experience of Emergency Panjshir Maternity Hospital. XIX national Congress Italian society of neonatology SIN - Firenze, 28-30 oct 2013. Acta

20. Poster: Development of comprehensive neonatal care services at Ethel Mutharika (EMMW), Kamuzu Central Hospital (KCH), Lilongwe. XIX national Congress Italian society of neonatology SIN - Firenze, 28-30 oct 2013. Acta
21. Poster: Neonatal mortality at Emergency Panjshir Maternity Hospital, Afghanistan: who, when, how. Emergency ong- life support for civilian war victims. National Congress, Italian Society of Neonatology. Roma, oct 3-5 2012, Acta.
22. Poster: Italian involvement of neonatal care at hospital level in low income countries: a strategic asset of humanitarian diplomacy to export as income generating activity toward achievement of MDG-4). M. Usuelli, M. Lattanzio, M. Groppo, S. Passera, S. Perniciaro, F. Mosca. XVIII SIN National Congress, Italian Society of Neonatology. Roma, oct 3-5 2012, Acta.
23. Lecture: Neonatal intensive care in Panjshir: Emergency approach. ECM congress: Medicina di qualità in contesti a scarse risorse". University of Brescia sept 29th 2012.
24. Lecture: "Neonatal care in Afghanistan e Malawi". 2° National Congress, Italian Society of Neonatology, workinggroup of Neonatology in developing countries; May 7 2012. Acta.
25. Session Chairman: "International cooperation for doctors and nurses" 25° Congress Italian Society of Neonatology - Lombardia Section. Bergamo, Jan 27-28 2012
26. Lecture: "Maternal and neonatal care in Afghanistan: the program of EMERGENCY NGO in Pansjshir valley". The 10th World Congress of "Maternal and Neonatal Health". Dec 18th, 2011 University of Santa Croce – Vatican City Rome, Italy Acta.
27. Oral Presentation. "Achieving MDG 4 and 5: nurse responsibilities at EMERGENCY maternity centre in Afghanistan". XVII SIN National Congress, Italian Society of Neonatology. Sorrento 11-14 oct 2011, Acta.
28. Lecture: International cooperation at Lodi Hospital. Lodi Jul 8th 2011. ECM congress.
29. Poster: Achieving MDG 4 now: the paediatric program of EMERGENCY. 5TH Europaediatrics, Vienna Jun 23-26 2011
30. Oral Presentation: "Obstetric & neonatal care in Panjshir valley, Afghanistan EMERGENCY NGO". Global health policy forum, March 22nd 2011 Bruxelles; Commission of the European communities, Health and Consumers Directorate-General.
31. Article: "Paediatric recruitment at Emergency: an innovative cooperation approach between hospitals and NGOs". *Pediatria*, SIP magazine (Italian Society of Paediatrics. March 2011.
32. Round table: lo sguardo del leone, incontro con l'autrice Maaza Mengiste. III edition of LIBRINTERRA book Festival, Valperga, March 6th 2011.
33. Round table: Countries at war or affected by natural disasters: paediatrics in emergency context. 66° National Congress Italian Society of Paediatrics. Roma Oct 22nd 2010.
34. Lecture: Paediatric recruitment at Emergency: an innovative cooperation approach between hospitals and NGOs. Workshop: Eguaglianza, qualità e responsabilità sociale. Milan, Jul 8 2010. Aula Magna — Luigi Sacco Hospital, University of Milan
35. Oral communication: "OBSTETRIC CARE IN PANJSHIR VALLEY, AFGHANISTAN". GLOBAL CONGRESS OF MATERNAL AND INFANT HEALTH, Barcelona, 22nd - 26th September 2010. Acta.
36. Lecture "Sustainability and ownership within maternal and child EMERGENCY projects". Workshop: "Gratuità e qualità delle cure: il Progetto EMERGENCY". Human Rights Commission, Italian Senate, Sala Capitolare/Senato della Repubblica Italiana. May 18° 2010.
37. Lecture: "Neonatal and paediatric activities at EMERGENCY hospital and outpatient's level". Health: a human right without borders, May 15, Istituto di cultura Laurentianum Mestre. ECM IPASVI Congress.
38. Lecture: "Emergency paediatric program in Sierra Leone and CAR since 2002 to 2009". Emergency National congress FIRENZE, 7-12 Sept 2010.
39. Lecture: "Neonatology and paediatrics in developing countries, the Emergency model". Workshop: Emergency, medici di guerra, inviati di pace. University of Chieti-Pescara, May 5 2010.
40. Lecture: "Neonatal sub intensive care department at Anaba maternity hospital". EMERGENCY National congress. Sept 8 -13 2009. ECM congress.
41. Lecture: "Mother and child medical activities in Afghanistan". Workshop: "PER UNA MEDICINA BASATA SUI DIRITTI UMANI Emergency incontra medici e infermieri". Sala Conferenze dell'Arcispedale S. Maria Nuova di Reggio Emilia. Apr 4 2009
42. Lecture: "Paediatric activities at Emergency centres in Afghanistan, Sierra Leone, Sudan". Workshop: "Emergency incontra medici e infermieri". Milano, Via Bagutta 12, Nov 8 2008.
43. Oral communication "Evidence based cost effective neonatal interventions in developing countries: Organisation and management of neonatal care standardisation at hospital level: 2 experiences in Malawi and Afghanistan Neonatal care units". MILANOPEDIATRIA 2008, international congress. Nov 2008, Milan. Acta
44. Poster "A comparison of protocols for neonatal sepsis in developing and developed countries: the idea of best available resources. Is there a threshold of acceptability?" 23rd international symposium on neonatal intensive care. Oct 18-19 2008, Milan. Acta

45. Oral communication: "Evidence based cost effective neonatal interventions in developing countries: minimal level of standardisation for neonatal care at hospital level: 2 different experiences in Malawi and Afghanistan Neonatal care units". 23rd international symposium on neonatal intensive care. Oct 18-19 2008, Milan. Acta
46. Poster "Kangaroo (kmc) at Bwaila maternity public hospital, Lilongwe Malawi". 23rd international symposium on neonatal intensive care. Oct 18-19 2008, Milan. Acta
47. Article: Double-blind, Placebo-controlled Trial Comparing Effects of Supplementation of Two Micronutrient Sprinkles on Fatty Acid Status in Cambodian Infants. Agostoni, C; Giovannini M; Sala D; Usuelli M, Livio L; Francescato G Braga M, Riva E; Martiello A; Colombo C; Marangoni F; Galli C. Journal of Pediatric Gastroenterology & Nutrition. 44(1):136-142, January 2007.
48. Article: Double-blind, placebo-controlled trial comparing effects of supplementation with two different combinations of micronutrients delivered as sprinkles on growth, anemia and iron deficiency in Cambodian infants / M Giovannini, D Sala, M Usuelli, L Livio, G Francescato, M Braga, G Radaelli, E Riva. Journal of pediatric gastroenterology and nutrition. - ISSN 0277-2116. - 42:3(2006). - p. 306-312.
49. Lecture: "Evidence based neonatal packages of intervention in developing countries". Master in medical, social and economic cooperation in developing countries. University of Genova. Feb 7 2006.
50. Lecture: Development of Basic Health Services, TukPhos District, KompongChhnang Province: Presentation of project activities. Workshop: Support to the development of basic health services. Phnom Penh, Cambodia, May 11 2004.
51. Lecture: Neonatal emergency transport in Lombardia. Congress: Optimal maternal-newborn assistance. POM Melloni; 17th June 2004.
52. Poster. Malaria prevention in TukPhos district, KompongChhnang province, Cambodia; Mekong Malaria Symposium. Mekong Malaria forum. Issue n 10, Dec 2002. Pag. 158.
53. Article: Dietetic therapy of essential obesity in children, Italian guidelines; Riv. Ital. Pediatr. (IJP); 2001: 275-279
54. Abstract: Growth pattern and body composition of breast fed versus formula fed infants in the first 12 months of life; Journal of Am coll Nutr; Oct 2000 vol 19 n. 5. Abstract n. 68
55. Oral Communication: Influence of breast vs formula feeding on body composition in the first year of life; Milano Pediatria 2000, international congress. Atti. May 2000
56. Lecture: Use of socio-sanitary services. The experience of social workers and medical doctors in roma camps. Presentation during the congress: "knowing roma-gypsies", Municipality of Milan. 15th December 1999.
57. Abstract: The role of childhood diet in preventing adult obesity; Int. Jour. Obesity. Vol23, suppl. 5, May 1999
58. Oral communication: Infant essential obesity: prospective of prevention; Milano Pediatria 1998, international congress. Atti, Nov 1998.
59. Poster: Risk factors for obesity. Milano Pediatria 1998, International congress. Atti, Nov 1998.

PROJECT PROPOSALS

60. Sviluppo e sostenibilità del sistema sanitario di Hargeisa ed in particolare dei servizi a favore della salute infantile e materno infantile, Somaliland, Somalia. Submitted by LVIA NGO to Italian MFA 2014
61. Scale up neonatal health services in Kamuzu Central Hospital (KCH), Ethel Mutharika Maternity Wing
62. (EMMW), Lilongwe, Malawi. Submitted by Mangiagalli Hospital to Bill & Melinda Gates Foundation, 2013.
63. Community participation to strengthen basic maternal and paediatric health services in Mayo IDP camp, Khartoum, Sudan. 3 years, approved by European Union, 2011
64. Scaling-up maternal, neonatal and child health services in Panjshir, Parwan and Kapisa provinces, Afghanistan. EMERGENCY e WHO RHR. Shortlisted at CIDA (Canadian cooperation agency). 2011
65. Capacity building in basic and comprehensive paediatric care at Bangui emergency paediatric hospital: a national "in-service training on the job strategy" for doctors and nurses capacity building, submitted by EMERGENCY, approved by Common Humanitarian Fund CHF 2011.
66. "Scaling up safe and reliable Sexual and Reproductive Health and Rights (SRHR) care in Panjshir Province, Afghanistan", submitted to EU 2010.
67. "Strengthen basic and comprehensive paediatric health services at Nyala EMERGENCY paediatric hospital", approved by Common Humanitarian Fund CHF, 2009 and 2010.
68. SUDAN – "Miglioramento delle condizioni abitative, sanitarie ed igienico ambientali nello "slum" di Mayo – Khartoum"; approved by Italian cooperation- MinForeign Affairs.
69. "Safe delivery in Panshir valley: a health promotion strategy, Parwan Province Afghanistan." Project approved and funded by German Embassy in Kabul. 2008
70. "Scaling up services for long term and permanent contraception to rural hospitals and health centres in Dowa district". CESTAS. Approved by CIDA Malawi, 2007
71. "Quality improvement of maternal and neonatal health services at Kamuzu central hospital and Bottom hospital". CESTAS. Approved by UNICEF Malawi, 2007
72. Malaria and TB Prevention Project (Phase II), KompongChhnang province, Cambodia. 2001. CESVI. Approved (Block grant) by EU.

73. Influence of micronutrient supplementation on mortality, morbidity and grown patterns in rural Cambodian infants in the first two years of life. CESVI. Approved by CIDA, implemented in partnership with the Cambodian Ministry of Health and the Department of Paediatrics, University of Medicine, Milan. 2003
74. "Rehabilitation of KompongChhnang Hospital, Cambodia". CESVI. Approved by JICA, 2003
75. "Community IMCI in KompongChhnang Province". CESVI. Approved by United Nations Foundation in partnership with the WHO and WVI. 2003

VOLUNTARY POSITIONS

- 1989-1991: During secondary school 3 years student representative in school senate. In charge for San Vincenzo student association for volunteers. I participated and organized regular activities for students at
 - Public nursing home for the elderly (casa riposo anziani) via dei cinquecento, Corvetto, Milano
 - AIAS (Italian Association for Spastic Assistance): free time services during evenings and holidays with disabled people.
 - Rifugio di Fratel Ettore, via Sammartini Milano: for 2 years, once a week, night duty at the dormitory (100 people) and dinner (150 people), for homeless and refugees
- July 1992- Aug 1992: Africa Oggi, Chosi-Chimala, Tanzania: 1-month volunteer experience in a church mission.
- 1994-2001:IFMSA International Federation of Medical Students Association. Calcutta Village Project, Milan, Italy: Since 1994, I have been involved in setting up the Calcutta Village Project, an Italian association (nowadays an NGO) aimed at providing support for an Indian NGO called Institute for Indian Mothers and Children . I was a member of the Executive Committee and in charge of the child sponsorship programme, managing around 600 sponsorships.
- July 1994 - Sept 1994: Calcutta Village Project, Calcutta, India: I worked as a volunteer medical student for outpatients medical consultation of the Indian NGO, Institute for Indian Mothers and Children.
- 1990-1994: AIAS (Italian Association for Spastic Assistance): Volunteer work in free time and holidays with disabled people.

GENERAL SKILLS & INTERESTS

Sport (Football, snow-boarding, ping pong, diving, bicycle), reading and politics.

As a football player I participate to 12 provincial championships, 3 years as team captain.