



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Corrado Moretti**
Address(es) Department of Pediatrics, Sapienza University of Rome, Umberto I Policlinico di Roma
Viale Regina Elena 324, 00161 Roma
Nationality Italian
Date of birth 21/08/1946
Gender Male

Occupational field Associate Professor of Paediatrics in the Department of Paediatrics and Infantile Neuropsychiatry,
Faculty of Medicine and Surgery of the Sapienza University of Rome

Work experience

Dates November 2004 to today
Occupation or position held UOC (*Unità Operativa Complessa* – Division) Director
Main activities and responsibilities Director of the Emergency Paediatrics and Paediatric Intensive Care Division
Name and address of employer Department of Paediatrics and Infantile Neuropsychiatry, Faculty of Medicine and Surgery of the
Sapienza University of Rome, Viale Regina Elena 324
Sector Paediatric Accident and Emergency and Paediatric Intensive Care
Dates January 2004 to today
Occupation or position held Associate Professor of Paediatrics
Main activities and responsibilities Unit Manager of the Emergency Paediatrics and Paediatric Intensive Care Division
Name and address of employer Department of Paediatrics and Infantile Neuropsychiatry, Faculty of Medicine and Surgery of the
Sapienza University of Rome, Viale Regina Elena 324
Sector Paediatric Accident and Emergency and Paediatric Intensive Care
Dates April 2003 to November 2004
Occupation or position held UOS (*Unità Operativa Semplice* – Unit) Manager
Main activities and responsibilities Manager of the Accident and Emergency and Short-Term Observation Unit
Name and address of employer Department of Paediatrics and Infantile Neuropsychiatry, Faculty of Medicine and Surgery of the
Sapienza University of Rome, Viale Regina Elena 324
Sector Paediatric Accident and Emergency

Dates	August 1980 to December 2003
Occupation or position held	Researcher in Neonatal Intensive Care
Main activities and responsibilities	Neonatal Intensive Care
Name and address of employer	Institute of Clinical Paediatrics of the Sapienza University of Rome, Viale Regina Elena 324
Sector	Neonatal Intensive Care
Dates	1979 - 2003
Occupation or position held	Paediatric anaesthetist
Main activities and responsibilities	Neonatal and paediatric anaesthesia, resuscitation, and bronchoscopy
Name and address of employer	Paediatric Surgery Department of the Institute of Clinical Paediatrics of the Sapienza University of Rome, Viale Regina Elena 324
Sector	Paediatric emergency medicine
Dates	1980-1986
Occupation or position held	Paediatric anaesthetist
Main activities and responsibilities	Intra and post-operative treatment of infant heart patients
Name and address of employer	Institute of Surgery of the Heart and Great Vessels of the Sapienza University of Rome
Sector	Paediatric heart surgery, anaesthesia and resuscitation
Dates	October 1975 July 1980
Occupation or position held	Contract position
Main activities and responsibilities	Neonatal Intensive Care
Name and address of employer	Institute of Clinical Paediatrics of the Sapienza University of Rome, Viale Regina Elena 324
Sector	Neonatology

Education and training

Dates	1977-1979
Title of qualification awarded	Specialization in Anaesthesiology and Resuscitation with a mark of 66/70
Name and type of organisation providing education and training	Sapienza University of Rome
Dates	1975-1976
Title of qualification awarded	Specialization in Neonatology with a mark of 70/70 with honours
Name and type of organisation providing education and training	Sapienza University of Rome
Dates	1972-1975
Title of qualification awarded	Specialization in Paediatrics with a mark of 70/70 with honours
Name and type of organisation providing education and training	Sapienza University of Rome
Dates	19.2.1973
Title of qualification awarded	Qualification for the profession of Surgeon
Name and type of organisation providing education and training	
Dates	1966-1972
Title of qualification awarded	Degree in Medicine and Surgery with a mark of 110/110 with honours
Name and type of organisation providing education and training	Sapienza University of Rome

Personal skills and competences

- Professor of the Degree Course in Paediatric Nursing, Sapienza University of Rome
- Director of the Second Level Master's Degree in "Paediatric Intensive Care" at the Sapienza University of Rome
- Professor of "Neonatal Intensive Care" at the School of Specialization in Paediatrics of the Sapienza University of Rome
- Professor of the Second Level Master's Degree in Paediatric Emergencies, Sapienza University of Rome
- Vice-President of the Union of European Neonatal and Perinatal Societies, UENPS, since 2014
- Member of the Executive Committee of UENPS 2010-2014
- Advisor to the Italian Society of Neonatology 2009-2012
- Advisor to the Italian Society of Neonatology 2003-2006
- Secretary of the Pulmonology Study Group of the Italian Society of Neonatology 2000-2003
- Advisor to the Lazio Section of the Italian Society of Paediatrics 2000-2003

Mother tongue(s) **Italian**

Other language(s) **English**

Self-assessment

Understanding

Speaking

Writing

European level (*)

Listening

Reading

Spoken interaction

Spoken production

English

B1 Independent user B2 Independent user B2 Independent user C1 Proficient user B2 Independent user

Additional information

Immediately following my degree I focused on neonatal resuscitation techniques and respiratory assistance, collaborating in the clinical trials of the first apparatus for mechanical ventilation and positive pressure applied through nasal cannulas. Research in this sector, facilitated by in-depth study of respiratory physiopathology during the Course of Specialization in Anaesthesiology and Resuscitation, led to the design and implementation of an automatic neonatal and paediatric ventilator (MOG 2000 ventilator, Italian Patent N° 1200044 - 1989 "Respiratore pressometrico a flusso costante e ventilazione controllata"). The MOG 2000 was among the first neonatal ventilators to have graphic monitoring of the pressure wave and related parameters, and the possibility of carrying out assisted ventilation through a pressure trigger. This ventilator was successfully used for many years in the Neonatal Intensive Care Unit of the Sapienza University of Rome and in other Neonatal Intensive Care Units in universities and hospitals in Italy and abroad. The evolution of assisted ventilation techniques and the possibility of also using them on low-birth-weight children has enabled the implementation and trial of a monitor to detect airflow at the tracheal cannula level so as to synchronize ventilator activity with the spontaneous breathing of the patient (flow-synchronized assisted ventilation). This method of ventilation was subsequently also applied using nasal cannulas in newborns and infants affected by respiratory disease (non-invasive flow-synchronized ventilation) and led to the patenting of a neonatal non-invasive ventilator (International Patent No. 06425286.9 entitled "Method and relevant apparatus for nasal ventilation, particularly for flow-synchronized neonatal assisted ventilation") that enables tracheal intubation of patients to be avoided or at least its duration significantly reduced.

Long-term attendance at the Departments of Resuscitation, Heart Surgery, Obstetrics and in particular Paediatric Surgery at the Sapienza University of Rome, has allowed me to further extend my clinical experience in the field of neonatal and paediatric anaesthesia, resuscitation and bronchoscopy.

Thanks to extensive experience gained in the field of neonatal and paediatric emergency, in 2003 I was put in charge of the reorganization of the Clinical Paediatrics Accident and Emergency and Observation Department of the Sapienza University of Rome, followed by the implementation of the new Paediatric Intensive Care, in effect since January 2005.

Lastly, I would like to highlight my considerable commitment to teaching and research leading to the publication of numerous articles in international journals and of two volumes on respiratory physiopathology and neonatal and infant ventilation techniques.

Annexes	List of scientific publications
Scientific Publication	See Annex
Works	
Textbooks (Chapters, etc.)	Chapters:
	C. Moretti ; P. Papoff. "Neonatal Pulmonary Physiology of Term and Preterm Newborns " in "NEONATOLOGY. A Practical Approach to Neonatal Diseases", Eds G. Buonocore, R. Bracci, M. Weindling, Springer-Verlag Italia 2011
	C. Moretti ; P. Papoff. "Lung development and pulmonary malformations "NEONATOLOGY. A Practical Approach to Neonatal Diseases" Eds G. Buonocore, R. Bracci, M. Weindling, Springer-Verlag Italia 2011
	P. Papoff ; C. Moretti. "Pulmonary Air Leakage" in "NEONATOLOGY. A Practical Approach to Neonatal Diseases", Eds G. Buonocore, R. Bracci, M. Weindling, Springer-Verlag Italia 2011
	C. Moretti ; P. Papoff. "Ventilazione meccanica e patologie respiratorie del neonato" L. Mirabile, S. Baroncini (eds), Rianimazione in età pediatrica, Springer-Verlag Italia 2011
	Textbooks:
	C. Moretti. Corso di ventilazione meccanica del neonato. Edizioni dell'Ateneo. Roma, 1990.
	C. Moretti. Fisiopatologia respiratoria e ventilazione meccanica del neonato. Masson, Milano, 1997.
	C. Moretti. Disturbi respiratori del neonato: dalla patogenesi alla terapia. Masson, Milano 2002.