

## CURRICULUM VITAE

Maria Beatrice Silvi, born in L'Aquila on 21.2.'56, appointed researcher in the Department of Surgery, Chair of Anesthesiology & Intensive Care of the University of Rome " Tor Vergata ", has received her Primary Degree in Medicine & Surgery at the University of Rome "La Sapienza " on 15.7.'80, discussing the experimental thesis: "Controlled hypotension in ophthalmic surgery: use of Sodium nitroprussiate» and scoring 110/110 cum Laude (academic praise).

On 13.7.'83 She has achieved Diploma of Specialist in Anesthesia & Intensive Care at the University of Rome " La Sapienza ", discussing the thesis: " Evaluation of a microinformatic system for the intensive care unit: a personal experience " and scoring 60/60 cum Laude (academic praise).

From November 1982 to June 1983, on a scholarship from the French government, she has frequented the Service of Medicine dedicated to Respiratory Failure, directed by Prof. Sadoul in Nancy, where she has devoted herself to studying new monitoring techniques for respiratory intensive care.

Dr. Silvi has worked as non-appointed researcher, winner of a competition for disciplinary group n.69, in the Department of Surgical Disciplines, Chair of Anesthesiology & Intensive Care of the University of L'Aquila from 1.7.'83 (legally starting from 16.6.'83) to 10.12.'86, when she has been transferred to the Department of Surgery, Chair of Anesthesiology & Intensive Care of the University of Rome "Tor Vergata ".

On 16.7.'86 she has been appointed researcher and has opted for full-time regimen ever since.

During the period 18.12.'86- 14.7.'91 she has worked full-time assistant at the Anesthesia & Intensive Care Service of the University at St. Eugenio Hospital, Roma.

Since 15.7.'91 she has been appointed full-time Aide in the same Anesthesia and Intensive Care Service where she is currently employed, taking particular care of the training of the Anesthesia & Intensive Care residents while following her own research projects.

From September 2002 is working at the University Hospital of Tor Vergata where is responsible for the anesthesia in the day surgery unit.

## SCIENTIFIC ACTIVITY

Dr. Silvi has been interested to different fields of research in anesthesiology; particularly to the problems of anesthesia in ophthalmic surgery; to the study of endocrine- metabolic response to surgical stress in relation to the different anesthesia techniques; to the study of pathogenic immune reactions in anesthesia principally in relation to the role of the complement system to anaphylaxis reactions to different drugs and to the modifications of lymphocytes populations in patients undergoing general or loco-regional anesthesia.

She has devoted herself to studying the possible applications of particular anesthesia techniques for reduction of intraoperative bleeding and to the development of alternative techniques to homologue blood transfusion evaluating the influence of hemotransfusion and hemodilution on the immune status of the surgical patient.

She has focused on post-operative pain management experimenting new endovenous and peridural analgesia protocols in different surgical specialities. She had directed an acute pain service with didactic and research aims. During the last years she studying new techniques in day surgery, evaluating new sovraglottic devices and different drugs for fast track anaesthesia. Her scientific activity has been condensed into many publications and attendance to several Congresses as a speaker.

## DIDACTIC ACTIVITY

Dr. Silvi has collaborated to the lessons of the General and Special Odontostomatologic Anesthesia Course for students of the Degree in Odontoiatry participating, as expert, to the relative exams.

She has held seminars and practical demonstrations in the Surgical Emergencies Course for students of the Degree in Medicine and Surgery.

She has been part of the examining commission for the State Licence Exam for Nurses of the year 1987 at the School of the Casa di cura San Giuseppe, Rome.

At the University of Rome " Tor Vergata" she has been nominated teacher for the following subjects:

- Social Security in the School for Medical Scientific Journalism from the AY. 1986-87 to the A.Y. 97-98

- Kinesiology and Respiratory Kinesiotherapy in the la School for Rehabilitation therapists from the AY.1987-88 to the AY.1994-'95

- Respiratory Rehabilitation in the University Diploma for Physiotherapists from the AY. 1995-'96 to the AY. 1999-00

- Anesthesiology in the School of Obstetrics, currently U.D.. in Obstetrics from the AY.1992-93 to the AY.1999-00

- Resuscitation techniques in the U.D. for Techniques in Neuropathophysiology from the AY.1999-00

- Anesthesiology in the U.D. for Techniques in Neuropathophysiology from the AY.1999-00

- Anesthesia and Intensive Care( I-II year) in the Residency in Digestive and Endoscopic surgery from the AY.1992-93 to the AY.1999-00

- Intensive Care (IV year) in the Residency in Digestive and Endoscopic Surgery from the AY.1992-93 to theAY.1999-00

- Pain Management in the Residency in Obstetrics and Gynecology from the AY.1991-92 to the AY.1999-00

- Anesthesia in the Residency in ORL from the AY.1997-'98 to the AY.1999-00

- Preoperative pathophysiology, Anesthesia in the different specialities, Metabolic pathophysiology in the Residency in Anesthesia and Intensive Care (old regulation) from the AY.1991-92 to the AY.1996-97

- Anesthesiology, Clinical Pathology, General Surgery, Maxillo-facial Surgery, Gynecology and obstetrics in the Residency in Anesthesia and Intensive Care (new regulation) from the AY.1997-98 to the AY.1999-00 .

#### CONGRESS' ORGANISATION

In 1988 she has been part of the Scientific Secretary of the Interregional Meeting SIAARTI-AAROI: " Hypothesis for an emergency department- Atracurium-Hemotransfusion today ".

In 1989 she has been part of the Scientific Secretary of the first AMNIRS Refreshing Course in Antalgic Therapy (Rome).

In 1991 she has been part of the Scientific Secretary of the Meeting: " Totally implantable systems in Medicine" and of the Refreshing Course: "Trauma and headache" (Rome).

From the year 1989 to 1999 she has been part of the Scientific Secretary of the annual Meeting: " Actuality in Anesthesia and Intensive Care " (Rome) and the publication of the relative Book of Acts.

In 2008 she directed " The first postgraduate course: anaesthesia in day surgery e one day surgery" (Rome)

#### SOCIETIES

She is part, as ordinary member, of the Italian Society of Anesthesia, Analgesia, Resuscitation and Intensive care (SIAARTI) and of the Italian Association for Ambulatory Surgery (SICADS).