

CURRICULUM VITAE

January 2005

Name: Michael Frass, MD
Professor of Medicine
Senior Intensivist

Date/Place of Birth: March 9, 1954, Vienna, Austria

Citizenship: Austria

Address: Head, Outpatient Department:
Homeopathy in malignant Diseases
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Marital Status: Married - Mag. art. Doris Heckermann, 1985
Son - Albert Charles, 1988
Daughter - Charlotte Gabriele, 1991

Education:

1972 - 1978 MD, Vienna University Medical School,
Vienna, Austria

Research Training:

1979 - 1980 Institute of Molecular Biology
(6 months) Institute Pasteur, Paris, France
(Head: Prof. Peter Hösli)

1988 Porter Memorial Hospital-EMS
(6 months) Valparaiso, Indiana, USA
(Head: John C. Johnson, MD, President,
American College of Emergency Physicians)

Clinical Training:

1979 - 1980	Medical Chemical Institute University School of Medicine Vienna, Austria (Head: Prof. Dr. E. Kaiser)
1981 - 6/1991	2nd Department of Internal Medicine University School of Medicine Vienna, Austria (Head Prof. Geyer)
7/1991 – 2/2004	Intensive Care Unit Department of Internal Medicine I Währinger Gürtel 18 - 20 A-1090 Vienna, Austria

Position:

3/2004 – now	Head, Outpatient Department: Homeopathy in malignant Diseases Division of Clinical Oncology (Head: Prof. Dr. C. Zielinski)
1992 to 02/2004	Head, Intensive Care Unit Professor of Medicine Department of Internal Medicine I Vienna, University School of Medicine Vienna, Austria
Since 05/1994	Vice President of the „Ärztegesellschaft für Klassische Homöopathie“ (ÄKH: Doctors Association for Classical Homeopathy)
Since 10/1995	Supervisor for Homeopathy of ÄKH in Vienna
Since 01/1998	Docent of ÄKH for training courses in Salzburg
Since 1999/00	Lecture on Complementary Medicine at the University of Vienna
Since 2001/02	Coordinator of the lectures "Principles and Practice of complementary medical methods" at the University of Vienna, VO 560480
Since 28.01.2002	Vice President of the Dachverbandes Österreichischer Ärzte für Ganzheitsmedizin (Association of Austrian doctors for holistic medicine).
Since 2000	Co-Organizer of IHAK (Interdisciplinary Workshop for Homeopathy together with Ms. Mag. Ilse Muchitsch)
Since 5/2002	Chairman of the “Ludwig Boltzmann Institut für Homöopathie”
Since 24.6. 2003	Member of the Scientific Advisory Board of the „Viennese International Academy of Holistic Medicine”
Since 3.12.2004	Expert for Airway Management and Homeopathy in Intensive Care Medicine, Center of excellence of Medical Intensive Care (CEMIC)
Since Nov. 2004	Course Director “Classical Homeopathy for Midwives”

Certification and License:

1986	Medical License (Internal Medicine), Austria
1989	License for Emergency Medicine, Austria
1994	License Internal Intensive Care Medicine
1994	Diploma Complementary Medicine: Homeopathy

Membership:

Society of Critical Care Medicine
American College of Emergency Physicians,
Society for Academic Emergency Medicine
Society for Airway Management
American Institute of Homeopathy
Ärztegesellschaft für Klassische Homöopathie (ÄKH)
Österreichische Gesellschaft für homöopathische Medizin (ÖGHM)

Organization of international scientific Congresses:

Member of the Conference Scientific and Organizational Committee at the 1st, 2nd, 3rd, and 4th Pan-European Conference on Emergency Medicine (PECEMS).
Organization of several Workshops for the Management of the Difficult Airway.

Inventions:

Invention, development, and evaluation of the Esophageal Tracheal Combitude (Combitude™, produced by Kendall-Sheridan, Argyle, New York, USA).
Ultrasound contact medium dispenser device.

Present Research Interests:

1. Evaluation of effectiveness of ventilation with a new airway for cardiopulmonary resuscitation. This so-called "Esophageal Tracheal Combitude (Combitude™)" has been designed for emergency intubation. It allows esophageal obturator or tracheal ventilation by choice. It has been tested during routine surgery, cardiopulmonary resuscitation in the hospital, as well as during mechanical ventilation at the intensive care unit. Field studies in Valparaiso, Indiana, as well as in Longueil, Canada, have evaluated its efficacy and usefulness during prehospital cardiopulmonary resuscitation. The Combitude has been included into the Standards of the American Heart Association at the 5th National Conference for Cardiopulmonary Resuscitation and Emergency Cardiac Care in Dallas, February 1992. It is also included into the Algorithm for Difficult Intubation of the American Society of Anesthesiologists.
2. Airway Management: Since years I am participating, lecturing and organizing in airway managements courses. My particular field is the difficult airway managed with a variety of devices (Visualized endotracheal tube, transilluminated stylet, etc.) as well as evaluation of correct tube placement.
3. Clinical evaluation of plasma concentrations of alpha-atrial natriuretic peptide (ANP) in critically ill patients during mechanical ventilation and continuous veno-venous hemofiltration.
4. University research of homeopathy

Literature:

1. Frass, M., Watschinger, B., Traindl, O., Popovic, R., Podolsky, A., Gisslinger, H., Falger, S., Goldin, M., Schuster, E., Leithner, C.: Atrial natriuretic peptide release in response to different positive end-expiratory pressure levels. *Critical Care Medicine* 1993, 21: 343-347
2. Frass, M., Frenzer, R., Rauscha, F., Weber, H., Pacher, R., Leithner, C.: Evaluation of esophageal tracheal combitube in cardiopulmonary resuscitation. *Crit. Care Med.* 1987, 15, 609-611
3. Pesau, B., Falger, S., Berger E., Weimann, J., Schuster, E., Leithner, C., Frass, M.: Influence of age on outcome of mechanically ventilated patients in an intensive care unit. *Critical Care Medicine* 1992, 20: 489-492
4. Pacher, R., Frass, M., Hartter, E., Woloszczuk, W., Leithner, C.: Continuous pump-driven hemofiltration associated with a decline in alpha-natriuretic peptide. *Crit. Care Med.* 1986, 14, 1010-1014
5. Leithner, C., Frass, M., Pacher, R., Hartter, E., Pesl, H., Woloszczuk, W.: Mechanical ventilation with positive end-expiratory pressure (PEEP) decreases release of alpha-atrial natriuretic peptide. *Crit. Care Med.* 1987, 15, 484-488
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8. Frass, M., Frenzer, R., Zdrahal, F., Hoflehner, G., Porges, P., Lackner, F.: The esophageal tracheal combitube: Preliminary results with a new airway for CPR. *Ann. Emerg. Med.* 1987, 16, 768-772
9. Bigenzahn, W., Pesau, B., Frass, M.: Emergency ventilation using the CombitubeTM in cases of difficult intubation. *European Archives of Otorhinolaryngology* 1991, 248: 129-131
10. Klauser, R., Röggl, G., Pidlich, J., Leithner, C., Frass, M.: Massive upper airway bleeding after thrombolytic therapy: Successful airway management with the Combitube^R. *Annals of Emergency Medicine* 1992, 21: 431-433
11. Eichinger, S., Schreiber, W., Heinz, T., Kier, P., Dufek, V., Goldin, M., Leithner, C., Frass, M.: Airway management in a case of neck impalement: Use of the oesophageal tracheal Combitube airway. *British Journal of Anaesthesia*, 1992; 68:534-535
12. Frass, M., Frenzer, R., Zahler, J., Ilias, W., Leithner, C.: Ventilation via the esophageal tracheal combitube in a case of difficult intubation. *J. Cardiothorac. Anesth.* 1987, 1, 565-568
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15. Frass, M., Rödler, S., Frenzer, R., Ilias, W., Leithner, C., Lackner, F.: Esophageal tracheal combitube, endotracheal airway and mask: Comparison of ventilatory pressure curves. *J. Trauma* 1989, 29, 1476-1479

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19. Eichinger, S., Schreiber, W., Heinz, T., Kier, P., Dufek, V., Goldin, M., Leithner, C., Frass, M.: Airway management in a case of neck impalement: Use of the oesophageal tracheal Combitube airway. *British Journal of Anaesthesia*, 1992; 68:534-535
20. Staudinger, T., Tesinsky, P., Klappacher, G., Brugger, S., Rintelen, C., Locker, G., Weiss, K., Frass, M.: Emergency intubation with the Combitube in two cases of difficult airway management. *European J Anaesth* 1995; 12:189-193
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39. Hofbauer R, Moser D, Kapiotis S, Frass M: Meloxicam effect on leukocyte migration under shear stress: A new perfused triple chamber (Hofbauer chamber) assay simulating an in-vitro vascular wall. *J Investig Med (former Clin Res)*, (Top 51.000) 1999; 47: 57-65
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51. Hofbauer R, Gmeiner B, Handler S, Speiser W, Kapiotis S, Frass M: Dexamethasone inhibits smooth muscle cell-induced leukocyte migration through endothelial cell monolayers: Using a triple chamber assay. *Life Sciences* 1999; 64: 671-679 (Biology) IF 2,35
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53. Knapp S, Kofler J, Stoiser B, Thalhammer F, Burgmann H, Posch M, Hofbauer R, Stanzel M, Frass M: The assessment of four different methods to verify tracheal tube placement in the critical care setting. *Anesth Analg* 1999; 88:766-770 IF 2,83
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58. Hofbauer R, Frass M, Gmeiner B, Salfinger H, Salzer H, Kos T, Wagner O, Kapiotis S, Kaye AD: Oral contraceptives that contain ethinyl estradiol (0.035 mg) and cyproterone acetate (2 mg) inhibit leukocyte transmigration through endothelial cell monolayers. *Fertility and Sterility*, 1999; 72:652-6. (1. der Sektion Obstetrics & Gynecology); IF 2,94
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- application via a conventional endotracheal airway and via the Combitube in esophageal position. *Crit Care Med* 2000;28:1445-1449 IF 3.745 (Top)
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