

CURRICULUM VITAE

September 2006

Name: Michael Frass, MD
Professor of Medicine
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Homeopathy in malignant Diseases
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Education:

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

Research Training:

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

1988
(6 months) Porter Memorial Hospital-EMS
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)

5/2002 to 12/2005 Chairman of the “Ludwig Boltzmann Institut für
Homöopathie”

Since 7/2005 Chairman, Interuniversity College Graz Seggau, Institute
for Homeopathic Research

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”

Seit SS 2005 Coordinator of the „Freies Wahlfach2 "Homöopathie", Med.
Univ. Vienna, VO 562 923

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 Longeuil, 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
6. Frass, M., Popovic, R., Hartter, E., Auinger, C., Woloszczuk, W., Leithner, C.: Atrial natriuretic peptide decrease during spontaneous breathing with continuous positive airway pressure in volume-expanded healthy volunteers. *Crit. Care Med.* 1988, 16, 831-835
7. Pacher, R., Redl, H., Frass, M., Petzl, D.H., Schuster, E., Woloszczuk, W.: Relationship between neopterin and granulocyte elastase plasma levels and the severity of multiple organ failure. *Crit. Care Med.* 1989, 17, 221-226
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. Klausner, 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
13. Frass, M., Frenzer, R., Rauscha, F., Schuster, E., Glogar, D.: Ventilation with the esophageal tracheal combitube in cardiopulmonary resuscitation. Promptness and effectiveness. *Chest* 1988, 93, 781-784
14. Frass, M., Johnson, J.C., Atherton, G.L., Frühwald, F., Traindl, O., Schwaighofer, B., Leithner, C.: Esophageal tracheal combitube (ETC) for emergency intubation: Anatomical evaluation of ETC placement by radiography. *Resuscitation* 1989, 18, 95-102
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
21. Wiltshcke, C., Kment, G., Swoboda, H., Knöbl, P., Kornek, G.V., Globits, S., Staudinger, T., Frass, M.: Ventilation with the Combitube during tracheotomy. *Laryngoscope* 1994, 104: 763-765
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25. 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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34. Hofbauer R, Moser D, Hornykewicz S, Frass M, Kapiotis S: Hydroxyethyl starch reduces the chemotaxis of white cells through endothelial cell monolayers. *Transfusion*, 1999; 39: 289-294
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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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41. Staudinger T, Mullner M, Wagner A, Locker GJ, Laczika K, Knapp S, Burgmann H, Stoiser B, Kofler J, Frass M: Experience with inhalative nitric oxide in internal medicine intensive care patients with adult respiratory distress syndrome. *Acta Med Austriaca* 1998; 25:53-65
42. Hofbauer R, Frass M, Gmeiner B, Handler S, Speiser W, Kapiotis S: The green tea extract epigallocatechin gallate is able to reduce neutrophil transmigration through monolayers of endothelial cells. *Wien Klin Wochenschr* 1999; 111:278-282
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44. Staudinger-T; Müllner-M; Wagner-A; Locker-GJ; Laczika-K; Knapp-S; Burgmann-H; Stoiser-B; Kofler-J; Frass-M. Experiences with inhalative nitric oxide in internal medicine intensive care patients with adult respiratory distress syndrome. *Acta-Med-Austriaca*. 1998; 25: 53-6

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IF 2,83
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IF 3,37
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IF 3,43
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IF 4,26
49. Hofbauer R, Moser D, Salfinger H, Frass M, Kapiotis S: Sufentanil reduces the migration of human leukocytes through human endothelial cell monolayers. *Anesth Analg* 1998; 87:1181-1185
IF 2,83
50. Hofbauer R, Moser D, Hornykewicz S, Frass M, Kapiotis S: Hydroxyethyl starch reduces the chemotaxis of white cells through endothelial cell monolayers. *Transfusion* 1999; 39: 289-294
IF 3,82
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
52. 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
IF 5,22
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
54. Gottfried J, Locker, Robert M, Mader, Blanka Rizovski, Sylvia Knapp, Hans Domanovits, Marcus Muellner, Christoph Hoeller, Guenther G, Steger, Fritz Sterz, Michael Freissmuth, Michael Frass, Anton N Laggner: Negative chronotropic effects of fentanyl attenuate the beneficial effects of dobutamine on oxygen metabolism: Hemodynamic and pharmacokinetic interactions. *J Pharmacol Exp Therapeutics*, 1999; 290:43-50
IF 3,43
55. Hofbauer R, Moser D, Gmeiner B, Kaye AD, Kapiotis S, Wagner O, Frass M: Amoxicillin/clavulanic acid combinations increase transmigration of leukocytes through endothelial cell monolayers: endothelial cells play a key role. *The Journal of Antimicrobial Chemotherapy* 1999; 44:465-469
IF 2,36
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IF 2,36

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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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62. Staudinger T, Frass M, Rintelen C, Quehenberger P, Wagner O, Stoiser B, Locker GJ, Laczika K, Knapp S, Watzke H: Influence of prothrombin complex concentrates on plasmatic coagulation in critically ill patients. *Intensive Care Medicine* 1999; 25:1105-1110 IF 2,32
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68. Staudinger T, Stoiser B, Mullner M, Locker GJ, Laczika K, Knapp S, Burgmann H, Wilfing A, Kofler J, Thalhammer F, Frass M. Outcome and prognostic factors in critically ill cancer patients admitted to the intensive care unit. *Crit Care Med* 2000;28:1322-8

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