

## CURRICULUM VITAE ATQUE STUDIORUM

### Tommaso MARAFFI, MD

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#### Personal information

Date of birth: November 30<sup>th</sup> 1984  
Place of birth: Milano, Italy  
Date of MD degree: July 28<sup>th</sup> 2009  
Evaluation: 110/110 *cum laude*

#### Education

2009: Degree in Medicine  
Università degli Studi di Milano, Milano - Italy  
Evaluation: 110/110 *cum laude*  
  
2003: High School diploma, classical studies  
Liceo Ginnasio Giovanni Berchet, Milano - Italy

#### Languages

Italian: Mother tongue  
English: Excellent speaking and writing skills  
2002: *Certificate in Advanced English - Cambridge University, UK.*  
European Union level: C1

Spanish: Good speaking, basic writing skills  
2002: *Diploma Inicial de Español, Universidad de Salamanca, ES.*

Portuguese: Good speaking skills

### Computer skills

Proficient in *MS Windows, Linux, Macintosh OS X.*

Good experience with *SPSS* statistical software and *MS Excel*  
2005: *European Computer Driving Licence - START module*

### Clinical training

08/2009 to date: Clinical internship as a physician  
Emergency Medicine and Non-invasive Ventilation  
IRCCS Fondazione Ospedale Maggiore Policlinico Mangiagalli Regina  
Elena, Milano - Italy

08/2008: Clinical Internship  
Trauma Unit  
Hospital da Restauração, Recife PE - Brasil

2007 – 2009: Clinical internship as a medical student  
Emergency Medicine and Non-invasive Ventilation  
IRCCS Fondazione Ospedale Maggiore Policlinico Mangiagalli Regina  
Elena, Milano - Italy

### Research training

01/2010 to date: Research grant:  
*“Prospective randomized controlled trial on CPAP vs. conventional oxygen therapy in the treatment of severe acute hypoxaemic respiratory failure in pneumonia”*  
sponsored by U.O. Medicina d’Urgenza, IRCCS Fondazione Cà Granda Ospedale Maggiore Policlinico , Milano - Italy

- 10/2009 - 12/2009: Advanced course in Clinical Research Methodology  
Evidence-Based Medicine Italian Group - GIMBE ([www.gimbe.it](http://www.gimbe.it))  
Bologna - Italy
- 2008 - 2009: Research grant:  
"Acute Cardiogenic Pulmonary Edema treated with CPAP, prospective  
validation of a new severity score" - [www.acpe.it](http://www.acpe.it)  
sponsored by U.O. Medicina d'Urgenza, IRCCS Fondazione Ospedale  
Maggiore Policlinico Mangiagalli Regina Elena, Milano - Italy
- 2007 - 2008: Research activity as part of internship  
Emergency Medicine and Non-invasive Ventilation  
IRCCS Fondazione Ospedale Maggiore Policlinico Mangiagalli Regina  
Elena, Milano - Italy

Areas of interest:

- Noninvasive Ventilation in: acute cardiogenic pulmonary edema, acute exacerbations of COPD, pneumonia
- Acute respiratory failure in pneumonia
- Severe sepsis/septic shock
- Echocardiography
- Chest Ultrasonography

Awards

- 09/2009: ERS Noninvasive Ventilation Award 2009  
European Respiratory Society Intensive Care Assembly  
for the abstract entitled: "A multicenter randomized controlled trial to evaluate  
CPAP versus conventional oxygen therapy in patients with acute respiratory  
failure due to community-acquired pneumonia" presented at the 19<sup>th</sup> Annual  
Congress of the European Respiratory Society
- 11/2008: Clinical research award 2008  
Italian Society of Emergency Medicine (SIMEU) - National congress 2008

Memberships

- European Respiratory Society - ERS
- Società Italiana di Medicina d'Emergenza-Urgenza - SIMEU (Italian Emergency Medicine Society)

Publications

## Scientific articles

- Ruvolo L, Maraffi T, Aliberti S, Castellotti P, Rossetti V, Cosentini R, Blasi F. Un giovane di 27 anni in stato di incoscienza ed insufficienza respiratoria acuta. *Medicina Toracica*, 2008; 3:49-54.

## Abstracts

1. T. Maraffi, A. M. Brambilla, S. Aliberti, P. Pelosi, S. Nava, P. Tarsia, R. Martinotti, A. Maffei, V. Monzani, V. Rosti, R. Cosentini - *A multicenter randomised controlled trial to evaluate continuous-positive airway pressure (CPAP) versus conventional oxygen in patients with acute respiratory failure (ARF) due to community-acquired pneumonia (CAP)* - European Respiratory Society congress - Vienna 09/2009
2. T. Maraffi, A. Torri, A. M. Brambilla, S. Aliberti, F. Piffer, V. Monzani, V. Rosti, R. Cosentini - *Acute respiratory failure (ARF) and severe sepsis (SS) in community acquired pneumonia (CAP): different outcomes?* - European Respiratory Society congress - Vienna 09/2009
3. Tommaso Maraffi, Anna Maria Brambilla, Stefano Aliberti, Valentina Rosti, Anna Torri, Chiara Travierso, Valter Monzani, Roberto Cosentini - *Studio clinico randomizzato controllato di confronto tra Continuous Positive Airway Pressure (CPAP) e O<sub>2</sub> terapia convenzionale nell'insufficienza respiratoria acuta grave in corso di polmonite – risultati preliminari* - Congresso SIMEU Lombardia - Milano 06/2009
4. V. Rosti, AM Brambilla, A. Torri, T. Maraffi, F. Piffer, C. Travierso, V. Monzani, R. Cosentini - *L'insufficienza respiratoria acuta (IRA) e la sepsi grave (SG) nella polmonite acquisita in comunità (CAP): diverso impatto sulla mortalità?* - Congresso SIMEU Lombardia - Milano 06/2009
5. Roberto Cosentini, Tommaso Maraffi - *Strumenti a disposizione del medico d'urgenza nella stratificazione prognostica della polmonite* - Relazione - Congresso nazionale SIMEU - Rimini 11/2008
6. F. Piffer, S. Aliberti, T. Maraffi, A. Brambilla, R. Cosentini - *Bach score: elaborazione di un punteggio prognostico a "tempo zero" per la valutazione della gravità dell'edema polmonare acuto cardiogeno trattato con CPAP in pronto soccorso* - Congresso nazionale SIMEU - Rimini 11/2008
7. Maraffi T, Piffer F, Brambilla AM, Torri A, Cosentini R - *La CPAP migliora lo scambio gassoso in corso di polmonite acquisita in comunità? Risultati preliminari dello studio CAPOVeRSO* - Comunicazione orale - Congresso nazionale SIMEU - Rimini 11/2008
8. T. Maraffi, F. Tardini, F. Piffer, A. M. Brambilla, R. Cosentini, S. Aliberti - *Predicting mortality in acute exacerbation of chronic obstructive pulmonary disease (AECB) treated with non invasive ventilation (NIV) in an emergency department (ED)*. - European Respiratory Society congress - Berlin 09/2008
9. R. Cosentini, A. M. Brambilla, F. Piffer, S. Aliberti, F. Tantardini, T. Maraffi, F. Tardini, A. Torri - *Predicting severe sepsis in community-acquired pneumonia using CURB65 and PSI scores*. - European Respiratory Society congress - Berlin 09/2008
10. Maraffi T, Piffer F, Brambilla AM, Torri A, Cosentini R - *Utilizzo dei punteggi CURB65 e PSI nel predire la sepsi grave in corso di polmonite acquisita in comunità* Poster - Congresso SIMEU Lombardia - Pavia 06/2008
11. Maraffi T, Brambilla AM, Tardini F, Margutti E, Piffer F, Cosentini R - *Fattori predittivi di mortalità intraospedaliera in pazienti affetti da riacutizzazione di Broncopneumopatia Cronica Ostruttiva (BPCO) trattati con Ventilazione Non-Invasiva (NIV) in Pronto Soccorso* Poster - Congresso SIMEU Lombardia - Pavia 06/2008

12. Piffer F, Aliberti S, Arioli M, Tardini F, Margutti E, Maraffi T, Pappalettera M, Brambilla AM, Cosentini R - *Alkalemia predicts mortality in acute cardiogenic pulmonary edema treated with continuous positive airway pressure (CPAP) in the emergency department* - Comunicazione orale - Mediterranean Emergency Medicine Congress IV, Sorrento, 09/2007
13. Cosentini R, Brambilla A, Aliberti S, Piffer F, Arioli M, Tardini F, Maraffi T - *Hypocapnia in acute cardiogenic pulmonary edema (ACPE) treated with continuous positive airway pressure (CPAP): a mortality predictive factor* - Comunicazione orale - Simposio Mostra Anestesia Rianimazione Terapia intensiva, Milano, 06/2007

### Lectures at meetings

06/2009:       **Sepsis: a clinical case**  
Italian Emergency Medicine Society - SIMEU Lombardia regional congress,  
Milano

### Teaching activity at educational courses

11/2009:       Faculty  
“Noninvasive ventilation in the treatment of acute respiratory failure in emergency medicine”  
CME National course - Italian Society of Emergency Medicine (SIMEU) -  
Milano

11/2009       Faculty  
“Acute respiratory failure and its treatment with Continuous Positive Airway Pressure”  
CME National course - Italian Society of Emergency Medicine (SIMEU) -  
Milano

03/2009:       Faculty  
“Acute respiratory failure and its treatment with Continuous Positive Airway Pressure”  
CME National course - Italian Society of Emergency Medicine (SIMEU) -  
Milano

03/2009:       Training assistant  
“Acute dyspnea in emergency medicine - theory and practice”  
Elective course for medical students, Università degli Studi di Milano,  
Milano

- 12/2008: Faculty  
“Acute respiratory failure and its treatment with Continuous Positive Airway Pressure”  
CME National course - Italian Society of Emergency Medicine (SIMEU) - Casale Monferrato
- 10/2008: Faculty  
“Acute respiratory failure and its treatment with Continuous Positive Airway Pressure”  
CME National course - Italian Society of Emergency Medicine (SIMEU) - Milano

### CME - Educational courses

- 10/2009: “Acid-base and electrolytes disorders in the critically ill”  
National course SIMEU - Reggio Emilia
- 12/2007: “E-FAST ultrasound”  
Istituto Clinico Humanitas, Milano
- 06/2007: “Point-of-care ultrasound in respiratory distress”  
Workshop at MilanoCheckUP, Milano
- 04-06/2007: “Web-Based Course : PNEUMONIA”  
European Respiratory Society School
- 05/2007: “Corso teorico-pratico sulla diagnostica differenziale della dispnea acuta in urgenza”  
A.O. Ospedale Niguarda, Milano

### Congresses

- 09/2009: “European Respiratory Society Congress 2009” - Vienna
- 06/2009: “VI Congresso Regionale SIMEU Lombardia”, Milano
- 05/2009: “Simposio-Mostra di Anestesia, Rianimazione e Terapia Intensiva SMART”, Milano
- 11/2008: “Congresso Nazionale SIMEU” - Rimini

- 06/2008: *“V Congresso Regionale SIMEU Lombardia”, Pavia*
- 09/2007: *“Fourth Mediterranean Emergency Medicine Congress – MEMC IV”, Sorrento*
- 05/2007: *“Simposio-Mostra di Anestesia, Rianimazione e Terapia Intensiva SMART”, Milano*