



# Angelo Landolfi

## CURRICULUM VITAE ET STUDIORUM

### **Dr Angelo Landolfi**

Place and date of birth: Cagliari (IT) 23 June 1974

Ciampino (Rome), Via Madrid 8/A 00043

e-mail: info@medicina-legale.it

phone number: +39 3479537921

Lieutenant Colonel, Doctor, Italian Air Force

## **1. Education and training**

### **1.1 Education**

- 2001 Degree: “Medicine and surgery” at University of Florence (Italy)
- 2004 Postgraduate’s Degree: “Diving and Hyperbaric Medicine” at University of Chieti (Italy)
- 2011 Postgraduate’s Degree: “Forensic Medicine” at University of Rome
- 2015 PhD: “Legal Medicine and Forensic Science” at University of Rome
- 2016 Master’s Degree: “Public Health and Preventive Medicine” at University of Rome
- 2017 Master’s Degree: “International Military Strategic Studies” at University of Turin

### **1.2 Training**

- 2002 “*BLSD instructor*”, at University of Florence
- 2003 “*Pre-Hospital Trauma Life Support*”, Assitrauma – Rome.
- 2005 “*Program of Training for Crew Surgeons*” at “Yuri Gagarin Russian State Scientific Research and Test Center of Cosmonaut Training in Star City (Moscow)”
- 2007 “*Medical Examiner of Divers*”, UHMS (USA)

- 2010 “*Flight test surgeon*” at Italian Air Force, Pratica di Mare (Roma)
- 2012 “*EASA Auditor*” at Italian Civil Aviation Authority
- 2013 “*AME Class 3 Course*” at ENAV Academy.
- 2014 “*Aircrew Regulation Part FCL*” at Italian Civil Aviation Authority
- 2014 “*Safety Investigation in Aircraft Accident*”, at Italian Civil Aviation Safety Investigation Authority
- 2014 “*Medical Assessor*” at Italian Civil Aviation Authority
- 2014 Training on “*Safety Management System*” at Italian Civil Aviation Authority
- 2016 EASA Trainer “*Crew Resource Management*”, Bergamo (IT) Human Factor Italia
- 2017 EASA “*Class 1,2,3 Medical Examiner*” at Italian Civil Aviation Authority
- 2018 “*Basic Suborbital Space Training Program*” at Nastar Center (USA)

## 2. Lecturer at Master Studies

- 2009-today Master “*Undersea and Hyperbaric Medicine*” at University of Padova.
- 2021 Master “*Aerospace Medicine*” at University of Naples.

## 3. Author of book

1. A. Landolfi. “*ARO – Oxygen Breathing Apparatu*”, Editoriale Olimpia – Firenze, 100 pages, 2004.
2. Berrettini – Landolfi. “*The heart between the space and deep sea*”, Casa Editrice Scientifica Internazionale Roma, 300 pages, 2007.
3. Coauthor of “*Topics of Aviation Medicine*”, Rivista Aeronautica Editrice, 300 pages, 2010.

## 4. Scientific publications

1. **Landolfi A.**, Faralli F., Camporesi EM., Yang ZJ., Savini F. and Bosco G.. *Hyperbaric oxygen pretreatment reduces decompression induced air bubble formation and platelets activation*. Abstract of Undersea and Hyperbaric Medical Society Scientific Meeting, Las Vegas, Nevada USA. Abstract n° 2, June 2005.

2. Bosco G., D'Alessandro N., Zanon V., **Landolfi A.**, Bedini R. and Data PG.. *Cognitive response and psychological profile during 24 H scuba diving test*. Abstract of the 31<sup>st</sup> Annual Scientific Meeting of the EUBS, Barcelona, Spain. Volume 6 No. 3, P307, September 2005.
3. D'Alessandro N., Bosco G., Zanon V., **Landolfi A.**, Bedini R. and Data PG.. *24 H Scuba diving test: cognitive responses and psychological profile*. "Blue 2005: human behaviour and limits in underwater environment", CNR of Pisa 2005.
4. Faralli F., **Landolfi A.**. *New approaches to the prevention of decompression illness*. "Blue 2005: human behaviour and limits in underwater environment", CNR of Pisa 2005.
5. **Landolfi A.**, Z. J. Yang, F. Savini, E. M. Camporesi, F. Faralli and G. Bosco, *Pre-treatment with hyperbaric oxygenation reduces bubble formation and platelet activation*. Sport Sciences for Health, volume 1, number 3, pag. 122-128; 2006.
6. **Landolfi A.**, Torchia F., Autore A., Tomao E., Ciniglio Appiani G.. *Prevention of delayed barotitis media in flight personnel after hypobaric chamber training*. XXXVII World Congress on Military Medicine. Tunis, 20-25 may 2007.
7. Torchia F., Autore A., **Landolfi A.**, Tomao E.. *Four years of activity in hypobaric chamber training at Italian Air Force Aerospace Medicine Department*. XXXVII World Congress on Military Medicine. Tunis, 20-25 may 2007.
8. **Landolfi A.**, Berrettini U., Torchia F., Autore A., Ciniglio Appiani G., Patteri G.. *Altitude Decompression sickness in hypobaric environment: from hypothesis to clinical reality*. Journal of Sport Cardiology, vol. 6, n.° 1, 2009.
9. **Landolfi A.**, Torchia F., Autore A., Ciniglio Appiani G., Bosco G.. *The Oxygen Paradox. Hypobaric simulated ascent: a case of syncopal occurrence*. Italian Journal of Aerospace Medicine, n°1 May 2009.
10. **Landolfi A.**, Torchia F., Autore A., Morgagni F., Ciniglio Appiani G.. *Delayed ear barotraumas after high altitude exposure*. Italian Journal of Aerospace Medicine, n°2 December 2009.
11. **Landolfi A.**, Torchia F., Autore A., Morgagni F., Ciniglio Appiani M., Ciniglio Appiani G.. *Acute otitic barotrauma during hypobaric chamber training: prevalence and prevention*. Aviation Space Environmental Medicine 2009; 80:1056-52.
12. **Landolfi A.**, Torchia F., Autore A., Morgagni F., Ciniglio Appiani M., Ciniglio Appiani G.. *Ear pain after breathing oxygen at altitude: prevalence and prevention of delayed barotrauma*. Aviation Space Environmental Medicine 2010; 81:130-2.

13. Bosco G., Yang Z., Di Tano G., Camporesi E.M., Faralli F., Savini F., **Landolfi A.**, Doria C., Fanò G.. *Effect of in-water oxygen prebreathing at different depths on decompression-induced bubble formation and platelet activation.* Journal of Applied Physiology 108: 1077-1083, 2010.
14. Morgagni F., Autore A., **Landolfi A.**, Torchia F., Ciniglio Appiani G.. *Altitude chamber related adverse effects among 1241 airman.* Aviation Space Environmental Medicine 2010; 81:873-7.
15. Morgagni F., Autore A., **Landolfi A.**, Ciniglio Appiani G.. *Cellular response to hypoxia.* Italian Journal of Aerospace Medicine, n°4 January 2011.
16. Autore A., **Landolfi A.**, Morgagni F., Ferreri F.. *Hypoxia in flight.* Italian Journal of Aerospace Medicine, n°4 January 2011.
17. Morgagni F, Autore A, **Landolfi A**, Ciniglio Appiani M, Ciniglio Appiani G. *Predictors of ear barotrauma in aircrews exposed to simulated high altitude.* Aviation Space Environmental Medicine. 2012; 83:594-7.
18. **A. Landolfi** et al. *Bilateral chemodectoma: Medicolegal considerations on a case report of aeromedical concern.* **Journal of Forensic and Legal Medicine**, 20 (2013) 339-342.