

# Curriculum vitae PD Dr. med. Paolo Erba

Luogo e data di nascita: Locarno, 18.09.1978  
Nazionalità: svizzera  
Indirizzo studio: Via Vincenzo Vela 11, 6600 Locarno  
Telefono studio: 091 224.55.22  
Fax: 091 224.55.31  
Telefono privato: 079 661.45.78  
E-mail studio: [info@dottorerba.ch](mailto:info@dottorerba.ch)

## Interessi/Hobby

1995 Campione svizzero di pattinaggio artistico in coppia  
1998 Selezione piloti militari svizzeri  
Vario: Apicoltura, barca a vela, ciclismo, montagna

## Educazione

1984-1997 Scuola elementare Solduno, Scuola media Losone I, Liceo cantonale Locarno  
1995-1996 Anno di scambio in Iowa, USA  
**1996 Maturità High School, Hastings, Iowa, USA**  
**1997 Maturità Tipo scientifico Liceo Cantonale, Locarno**  
1997-1999 I Propedeutico, Medicina umana, Università di Berna  
1999-2003 II Propedeutico, Medicina umana, Università di Basilea  
**2003 Diploma Medicina umana, Università di Basilea**

## Formazione

2004 Assistente scientifico di Chirurgia Plastica, Ricostruttiva ed Estetica, Ospedale Universitario di Basilea, Prof. Pierer  
2004-2006 Assistente di Chirurgia, Ospedale Regionale di Locarno, Dr. Biegger  
2006-2008 Assistente di Chirurgia Plastica, Ricostruttiva ed Estetica, Ospedale Universitario di Basilea, Prof. Pierer  
2008 Assistente di Anestesiologia, Ospedale Regionale di Lugano, Dr. Castellaneli  
2008 Postdoc, Tissue Injury & Repair Research, Università di Manchester, UK, Prof. Terenghi, Prof. McGrouther  
2008-2009 Postdoc, Tissue Engineering and Wound Healing Laboratory, Harvard Medical School, Boston, USA, Prof. Orgill  
2010-2014 Capo clinica di Chirurgia Plastica, Ricostruttiva ed Estetica, CHUV, Losanna, Prof. Raffoul e Ospedale Universitario di Basilea, Prof. Schaefer  
2014-2017 Capo clinica aggiunto di Otorinolaringoiatria e Chirurgia Cervicofacciale, Inselspital, Berna, Prof. Caversaccio e Ospedale Cantonale di Neuchâtel, Dr. Jaquet

## Diplomi

**2004 Dottorato in Medicina umana, Università di Zurigo**  
*Acute mountain sickness is related to nocturnal hypoxemia but not to hypoventilation*  
P. Erba et al., European Respiratory Journal, 24:1-6, 2004

**2008 European Board Certification Plastic, Reconstructive and Aesthetic Surgery (EBOPRAS)**

**2010 FMH Chirurgia Plastica, Ricostruttiva ed Estetica**  
**2011 Libera docenza Università di Losanna (PD)**  
**2017 FMH Otorinolaringoiatria**

## Esperienze estere :

- Prof. Ronaldo Pontes and Dr. Gisela Pontes, Rio de Janeiro, Brasile 2011 - chirurgia estetica del viso
- Dr. Alain Fogli, Marseille, Francia, 2013 – chirurgia estetica generale
- Dr. Emmanuel Delay, Lyon, France – ricostruzione del seno
- Dr. Bahman Guyuron, Cleveland, USA – rinoplastica e chirurgia dell'emicrania
- Dr. Fazil Apaydin, Izmir, Turchia 2015, rinoplastica
- PD Dr. Abel-Jan Tasman, San Gallo, Svizzera, 2016, rinoplastica
- Dr. Thomas Hundt, Monaco di Baviera, 2016, rinoplastica

## Incarichi editoriali

- **Membro dell'Editorial Advisory Board Journal of Plastic, Reconstructive and Aesthetic Surgery** (miglior giornale europeo di chirurgia plastica, IF 2.048)
- **Reviewer di diversi giornali tra cui Annals of Surgery (IF 7.474, Ranking Surgery 1/187), Wound Repair and Regeneration (IF 3.443), Stem Cell Research and Therapy (IF 3.65), Mediators of Inflammation (IF 3.88)**

## Diversi Corsi di Formazione tra i quali

2004	<b>AO-Course Principles of Operative Fracture Treatment</b> , Davos
2005	<b>Vascular International Course</b> , Pontresina
2006	<b>Microsurgery Course</b> , SGPRAC, ospedale universitario Basilea
2006	<b>Burns Workshop</b> , SGPRAC, ospedale universitario Zurigo
2007	<b>Reduction Mammoplasty Course</b> , SGPRAC, San Gallo
2007	<b>Rhinoplasty Course</b> , Prof. W. Gubisch, Stoccarda, Germania
2007	<b>Mini ISAPS Course</b> , SGPRAC, Montreux
2008	<b>Management Course for MDs</b> , FMH / College M, Zurigo/Berna
2008	<b>Otoplasty Course</b> , Zurigo
2008	<b>EBOPRAS Course</b> , Zagabria, Croazia
2009	<b>Project Management Course</b> , Harvard University, Boston MA, USA
2009	<b>Harvard Leadership Essentials Course</b> , Harvard University, Boston MA, USA
2011	<b>Dallas Cosmetic Surgery Symposium</b> , Dallas, USA
2011	<b>Dallas Rhynoplasty Symposium</b> , Dallas, USA
2011	<b>Diplome Universitaire "Injectables"</b> , Parigi, Francia
2011	<b>Anatomy Course for Hand Surgery</b> , Berna
2011	<b>From Fat Injection to Regenerative Medicine</b> , Marsiglia, Francia
2012	<b>Botox and Hyaluronic Acid Course</b> , Allergan, Losanna
2012	<b>Mentor Advanced Course in Breast Reshaping</b> , Prof. del Yerro, Madrid, Spagna
2013	<b>Workshop Measurement and Planning Breast Prosthesis</b> , Allergan, Losanna,
2013	<b>Cosmetic Genital Surgery – Live Surgery Course/Meeting</b> , Leipzig, Germania
2014	<b>Workshop Botox and Fillers</b> , Allergan, Losanna
2014	<b>Ultrasound Head and Neck Course</b> , Friburgo/Lucerna/Basilea
2015	<b>Advanced Rhinoplasty Course</b> , Utrecht, Olanda
2017	<b>Nocturnal Respiratory Polygraphy Course</b> , Liestal

## Brevetti

**1. Platelet Rich Plasma (PRP) and Prominin-1 derived Peptide stimulate lymphangiogenesis**  
PCT/IB2012/056110. Inventors: **Paolo Erba**

## Progetti Multimediali

1) **WoundsApp (2012)**, Erba P

eHealth/Telemedicine project for the treatment of chronic ulcers in Switzerland

2) **Surgical Basic Skills Multimedia Project (2006)** (Chirurgische Basiskompetenzen, Modul I, 2006)

Farhadi J, Pierer K, **Erba P**, Kraus R, Lehmann T, Blattner A, Schaefer DJ, Pierer G.

## Publicazioni

- 1) **Erba P**, Anastasi S, Senn O, Maggiorini M, Bloch KE. Acute mountain sickness is related to nocturnal hypoxemia but not to hypoventilation. *European Respiratory Journal*, 24:1-6, 2004
- 2) Kalbermatten DF, Rieger UM, Uike K, **Erba P**, Laifer G, Hintermann B, Pierer G. Infection with *Aeromonas hydrophila* after Use of Leeches (*Hirudo medicinalis*) in a Free Microvascular Osteo-(myo-)cutaneous Flap - Suggestions for Successful Management. *Handchir Mikrochir Plast Chir*, 39(2):108-11, 2007.
- 3) **Erba P**, Farhadi J, Wettstein R, Arnold A, Harr T, Pierer G. Morphoeic basal cell carcinoma of the face. *Scand J Plast Reconstr Surg Hand Surg*. 2007;41(4):184-8.
- 4) Kalbermatten DF, Wettstein R, **Erba P**, Schumacher R, Dagorov P, Pierer G. Laser scanner analysis in reconstruction of traumatic laceration of the facial nerve. *Laser Physics Letters* 2007; 4, No. 6
- 5) Kalbermatten DF, **Erba P**, Wettstein R, Pierer G, Hemiface Rhytidectomy. *Aesthetic Plast Surg*. 2008; 32(2):227-233
- 6) Kalbermatten DF, Wettstein R, **Erba P**, Von Känel O, Wiberg M, Pierer G, Haug M. Sensate lateral arm flap for defects of the lower leg. *Ann Plast Surg*. 2008 Jul;61(1):40-6.
- 7) Wettstein R, **Erba P**, Farhadi J, Kalbermatten DF, Arnold A, Haug M and Pierer G. Incomplete excision of basal cell carcinoma in the subunits of the nose. *Scand J Plast Reconstr Surg Hand Surg*. 2008;42(2):92-95.
- 8) **Erba P**, Wettstein R, Rieger UM, Haug M, Pierer G, Kalbermatten DF. A study of the effect of sartorius transposition on lymph flow after ilioinguinal node dissection. *Ann Plast Surg*. 2008 Sep;61(3):310-3.
- 9) **Erba P**, Wettstein R, Rieger U, Beltraminelli H, Pierer G, Kalbermatten DF. Reducing the learning curve for the treatment of the morphoeic basal cell carcinoma of the face. *Scand J Plast Reconstr Surg Hand Surg*. 2008;42(3):122-6.
- 10) Rieger UM, **Erba P**, Wettstein R, Schumacher R, Haug M, Pierer G, Kalbermatten DF. Does Abdominoplasty with Liposuction of the Love Handles Yield a Shorter Scar? An Analysis with Abdominal 3D Laser Scanning. *Ann Plast Surg*. 2008 Oct;61(4):359-363.
- 11) **Erba P**, Rieger UM, Pierer G, Kalbermatten DF. Vacuum Assisted Closure (VAC) for Venous Congestion of the Nipple Areola Complex. *J Plast Reconstr Aesthet Surg*. 2008 Jul;61(7):852-4.
- 12) Rieger UM, **Erba P**, Kalbermatten DF, Schaefer DJ, Pierer G, Haug M. An Individualized Approach to Abdominoplasty in the Presence of Bilateral Subcostal Scars after Open Gastric Bypass. *Obes Surg*. 2008 Jul;18(7):863-9.
- 13) Kalbermatten D, **Erba P**, Mahay D, Wiberg M, Pierer G, Terenghi G. Schwann Cell Strip for Peripheral Nerve Repair. *Journal of Hand Surgery (European Volume)* 2008 33E:5:587-594.
- 14) Schmid D, Di Summa P, Wettstein R, **Erba P**, Raffoul W, Kalbermatten D. Posterior Auricular Perichondrial Cutaneous Graft Combined with Cartilage Strip in Nostril Reconstruction. *Eplasty* 2008, Aug 20; 8:e42.
- 15) **Erba P**, Wettstein R, Tolnay M, Rieger U, Pierer G, Kalbermatten DF. Neurocutaneous Sural Flap in Paraplegic Patients. *J Plast Reconstr Aesthet Surg*. 2009 Aug;62(8):1094-8.
- 16) Rieger U, **Erba P**, Pierer G, Kalbermatten DF. Hidradenitis suppurativa of the groin treated by radical excision and defect closure by medial thigh lift: Aesthetic surgery meets reconstructive surgery. *J Plast Reconstr Aesthet Surg*. 2009 Oct;62(10):1355-60.
- 17) **Erba P**, Wettstein R, D'Arpa S, Kalbermatten D.F. Donor site morbidity of the posterior conchal region. *Dermatologic Surgery* 2009 Jun;35(6):960-4.
- 18) Kalbermatten D, Wettstein R, **Erba P**, Rieger U, Pierer G, Raffoul W. Body Taping for contour Surgery. *Aesthetic Plast Surg*. 2009 May;33(3):324-6.
- 19) **Erba P** (co-first author), Balcin H, Wettstein R, Pierer G, Kalbermatten DF. A comparative study of two surgical treatment strategies for painful neuroma. *J Bone Joint Surg Br*. 2009 Jun;91(6):803-8

- 20) **Erba P**, Terenghi G, Kingham PJ. Neural Differentiation and Therapeutic Potential of Adipose Tissue Derived Stem Cells. *Curr Stem Cell Res Ther*. 2010 Jun;5(2):153-60.
- 21) **Erba P**, Farhadi J, Schaefer DJ, Pierer G, Fat embolism syndrome following combined aesthetic surgery. *J Plast Surg Hand Surg*. 2011 Feb;45(1):51-3.
- 22) **Erba P**, Wettstein R, Schumacher R, Schwenger-Zimmerer K, Pierer G, Kalbermatten DF. Silicone moulding for pressure sore debridement. *J Plast Reconstr Aesthet Surg*. 2010 Mar;63(3):550-3.
- 23) **Erba P**, Di Summa PG, Wettstein R, Raffoul W, Kalbermatten DF. Fibrin Sealant for fasciocutaneous flaps. *J Reconstr Microsurg*. 2010 May;26(4):213-7.
- 24) **Erba P**, Ogawa R, Vyas R, Orgill DP. The Reconstructive Matrix – A New Paradigm in Reconstructive Plastic Surgery. *Plast Reconstr Surg*. 2010 Aug;126(2):492-8.
- 25) **Erba P**, Mantovani C, Kalbermatten DF, Pierer G, Terenghi G, Kingham PJ. Regeneration Potential and Survival of Transplanted Undifferentiated Adipose Tissue Derived Stem Cells in Peripheral Nerve Conduits. *J Plast Reconstr Aesthet Surg*. 2010 Dec;63(12):e811-7.
- 26) **Erba P**, Ogawa R, Ackermann M, Adini A, Miele LF, Dastouri P, Helm D, Mentzer SJ, D'Amato RJ, Murphy GF, Konerding MA, Orgill DP. Angiogenesis in Wounds Treated by Microdeformational Wound Therapy. *Ann Surg*. 2011 Feb;253(2):402-9.
- 27) **Erba P**, Ogawa R, Vyas R, Orgill DP. The Reconstructive Ladder in Light of Evidence-Based Medicine. *Plast Reconstr Surg*. 2011 Feb;127(2):1018-1019.
- 28) **Erba P**, Orgill DP. The new reconstructive ladder: modifications to the traditional model. *Plast Reconstr Surg*. 2011 Jan;127 Suppl 1:213S-214S.
- 29) Koch N, **Erba P**, Benathan M., Raffoul W. Nouveautés dans la reconstruction cutanée: cultures de cellules et substituts dermiques et revue de la littérature. *Annals of Burns and Fire Disasters* 2010; 23(3) 131-136
- 30) **Erba P**, Di Summa PG, Raffoul W, Schaefer DJ, Kalbermatten DF. Tip Anchor Flap in Decubital Surgery. *Aesthetic Plast Surg*. 2011 Dec;35(6):1133-6.
- 31) **Erba P**, Miele LF, Adini A, Ackermann M, Lamarches JM, Orgill B, Helm D, D'Amato RJ, Konerding MA, Mentzer SJ, Orgill DP. A morphometric study of mechanotransductively induced dermal neovascularization. *Plast Reconstr Surg*. 2011 Oct;128(4):288e-299e
- 32) **Erba P**, Adini A, Demcheva M, Vournakis JN, Orgill DP. sNAG nanofibers improve the woundhealing properties of the VAC foam interface. *J Trauma*. 2011 Aug;71(2 Suppl 1):S187-93.
- 33) **Erba P** (co-first author), Depner C, Rieger M, Schaefer JD, Haug M. Donor site morbidity of the sensate extended lateral arm flap. *J Reconstr Microsurg*. 2012 Feb;28(2):133-8.
- 34) **Erba P**, Harbi P, Thacher T, Pries AR, Ambrosio G, Raffoul W. Early Detection of Microcirculatory Perfusion Changes with a High Resolution, Real Time Laser Doppler Imaging Camera - Frostbite Case Study. *BMJ Case Rep*. 2011 Sep 19;2011.
- 35) Heit YI, Dastouri P, Helm D, Pietramaggiori G, Younan G, **Erba P**, Münster S, Orgill DP, Scherer SS. Foam pore size is a critical interface parameter of suction based wound healing devices. *Plast Reconstr Surg*. 2012 Mar;129(3):589-97.
- 36) **Erba P**, Espinosa D, Christen T, Koch N, Serov A, Raffoul W. Fluxexplorer a new high speed laser doppler imaging system Preliminary results of clinical application in plastic surgery. *Skin Res Technol*. 2012 Nov;18(4):456-61.
- 37) Di Summa PG, Wettstein R, **Erba P**, Raffoul W, Kalbermatten DF. Scar asymmetry after abdominoplasty: the unexpected role of seroma. *Ann Plast Surg*. 2012 Nov 8.
- 38) Nordback S, **Erba P**, Wehrli L, Raffoul W, Egloff D. Trapezeotomy and tendon suspension with or without a mitek anchor fixation in the thumb basal joint osteoarthritis. *J Hand Surg Eur Vol*. 2012 Sep;37(7):625-31.

- 39) **Erba P**, Raffoul W, Bauquis O. Safe Dissection of the Distally Based Anterolateral Thigh flap. *J Reconstr Microsurg*. 2012 Jul;28(6):405-11.
- 40) Wettstein R, **Erba P**, Itin P, Schaefer DJ, Kalbermatten DF. Treatment of basal cell carcinoma with surgical excision and perilesional interferon. *J Plast Reconstr Aesthet Surg*. 2013 Jul;66(7):912-6.
- 41) Spring P, Perrier P, **Erba P**, Hagmann P, Mihm MC, Hohl D. Large agminated cellular “plaque-type” blue nevus surrounding the ear: a case and review. *Dermatology*. 2013;227(1):21-5
- 42) **Erba P**, Raffoul W. Le lymphoedème et ses traitements. Accepted in *info@herz+gefäss Journal* 2013
- 43) Roberti del Vecchio P, Christen T, Raffoul W, **Erba P**. Ulnar nerve transposition at the elbow under local anesthesia: a patient satisfaction study. *J Reconstr Microsurg*. 2015 Mar;31(3):187-90
- 44) **Erba P** (co-first author), Fulco I, Valeri, R, Vournakis J, Schaefer DJ. Poly-N-acetyl glucosamine nano-fibers for negative-pressure wound therapies. *Wound Repair Regen*. 2015 Mar-Apr;23(2):197-202
- 45) Mueller CT, Uckay I, **Erba P**, Lipsky BA, Hoffmeyer P, Beaulieu JY. Septic Tenosynovitis of the Hand: Factors Predicting Need for Subsequent Debridement. *Plast Reconstr Surg*. 2015 Sep;136(3):338e-343e
- 46) Mermod T, El Ezzi O, Raffoul W, **Erba P**, de Buys Roessingh A. Assessment of the role of LASER-Doppler in the treatment of port-wine stains in infants. *J Pediatr Surg*. 2015 Aug;50(8):1388-92
- 47) Ackermann M, Wettstein R, Senaldi C, Kalbermatten DF, Raffoul W, Konerding M, **Erba P**. Platelet rich plasma and adipose stem cells in a murine tail lymphedema model. *Microvasc Res*. 2015 Nov;102:78-85
- 48) Zaugg P, Koch N, **Erba P**, Raffoul W. Pyoderma gangrenosum, an etiology of chronic ulcer disregarded? *Rev Med Suisse*. 2016 Feb 10;12(505):318-21