

## **CURRICULUM VITAE**

**ANNA MARIA MALAGONI**

### **Istruzione e formazione**

- Laurea in Medicina e Chirurgia conseguita presso l'Università di Ferrara
- Abilitazione all'esercizio della professione medica conseguita presso l'Università di Ferrara
- Diploma di Specializzazione in Medicina dello Sport conseguito presso l'Università di Ferrara
- Dottorato di Ricerca in Scienze Biomediche, Endocrinologiche e Neurofisiologiche. Curriculum: "Esercizio e malattie vascolari" conseguito presso l'Università di Ferrara
- Master Universitario di secondo livello: "Terapia compressiva e metodiche di riparazione tissutale" conseguito presso l'Università di Ferrara
- Master Universitario di secondo livello "Scuola di ricerca clinica ed epidemiologica: monitoraggio, qualità e statistica" conseguito presso l'Università di Ferrara

### **Idoneità Scientifica Nazionale a Professore di II fascia**

Settore concorsuale 06/N2-Scienze Esercizio Fisico e dello Sport

### **Profilo scientifico**

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### **Esperienza professionale**

- 2011-data attuale: Titolare di Borsa di studio presso il Centro Malattie Vascolari, Azienda Ospedaliero Universitaria di Ferrara.
- 2017–data attuale: Honorary Clinical Research Fellow, Imperial College London presso Section of Vascular Surgery, Department of Surgery and Cancer, Imperial College London, London (UK).
- 2010–2011: Titolare di Borsa di Studio presso l'U.O. di Medicina Riabilitativa dell'Azienda Ospedaliero Universitaria di Ferrara.
- 2007–2009: Dottorato di Ricerca in Scienze Biomediche, Endocrinologiche e Neurofisiologiche, curriculum "Esercizio e Malattie Vascolari", Università di Ferrara con autorizzazione a svolgere attività assistenziale presso l'Ambulatorio di Riabilitazione Vascolare, U.O. Medicina Riabilitativa, Funzione Interdipartimentale di Riabilitazione Vascolare, Azienda Ospedaliero Universitaria di Ferrara.
- 2004–2013: Attività assistenziale presso l'Ambulatorio di Riabilitazione Vascolare, U.O. di Medicina Riabilitativa, Funzione Interdipartimentale di Riabilitazione Vascolare, Azienda Ospedaliero Universitaria di Ferrara.
- 2004–2007 Titolare di Assegno di Ricerca presso l'Istituto di Chirurgia Generale Azienda Ospedaliero-Universitaria di Ferrara. Titolo della ricerca: "Insufficienza venosa e arteriosa cronica periferica: sperimentazione di metodiche di riabilitazione".
- 2003–2004: Attività di specialista ambulatoriale per la branca di Medicina dello Sport in qualità di supplente presso le USL di Ferrara e Rovigo.
- 2001–2020: Attività di programmazione, conduzione e supervisione per i controlli anti-doping di una Federazione olimpica internazionale (International Biathlon Union) negli eventi sportivi

internazionali (Mondiali, Coppe del Mondo, Europei) dell'International Biathlon Union, e attività di ricerca correlata, in qualità di medico a supporto della Commissione Medica della federazione. Dal 2018 al 2020 ha svolto funzione di delegato medico della federazione.

- 2000–2003: Scuola di Specializzazione in Medicina dello Sport presso il "Centro Studi Biomedici applicati allo Sport", Università di Ferrara.
- 1999: Medico frequentatore presso la Clinica Ortopedica dell'Azienda Ospedaliero Universitaria di Ferrara.
- 1998–1999: Attività libero professionista presso un Centro Medico privato di Ortopedia, Fisioterapia e Traumatologia dello Sport.

### **Principali ambiti di ricerca**

- 2000–data attuale: Attività di ricerca sulla valutazione funzionale e sperimentazione di programmi originali di sport terapia per il paziente a ridotta performance fisica (in particolare affetti da malattie vascolari periferiche, insufficienza renale cronica e dialisi, patologie neurologiche quali post-stroke e sclerosi multipla)
- 2001–2020: Attività di ricerca per la federazione olimpica internazionale "International Biathlon Union" contribuendo a un programma pluriennale di studio relativo alle modificazioni dei valori ematologici nei biatleti durante le stagioni agonistiche.
- 2004–data attuale: Attività di ricerca sulle metodiche di compressione degli arti inferiori nelle patologie vascolari e applicazione combinata di esercizio fisico.
- 2007–data attuale: Attività di ricerca sull'insufficienza venosa cerebrospinale cronica e perfusione cerebrale (in particolare occupandosi delle misure di performance fisica e cognitiva dei soggetti in studio)
- 2009–data attuale: Studio della perfusione tissutale con metodica Near-Infrared Spectroscopy
- 2016–data attuale: Studio della rigenerazione tissutale con terapia staminale e cellule mononucleate autologhe e supporto di esercizio fisico.

### **Partecipazione a ricerche nazionali e internazionali**

- 2018: Study coordinator, trial "A Multicenter Randomised Controlled Study: Does Neuromuscular Electrical Stimulation Improve the Absolute Walking Distance in Patients with Intermittent Claudication (NESIC) compared to best available treatment?" Imperial College London.
- 2016–2019: Co-investigatore e project manager del progetto finanziato di Ricerca Finalizzata 2013 RF2013-02358029 " Validation of a novel non-invasive technique based on real time ultrasound B-mode to assess the jugular venous pulse" Azienda Ospedaliero Universitaria di Ferrara.
- 2012–2015: Co-investigatore responsabile delle valutazioni funzionali (capacità motorie, sensoriali e cognitive) e coordinatore dello studio per il Centro di Ferrara, trial multicentrico NCT01371760 "BRAVE DREAMS (BRAIn VEnous DRainage Exploite Against Multiple Sclerosis)"
- 2011: Co-investigatore studio "Global evaluation of the Anti-Doping program" in collaborazione con International Biathlon Union, Bando: World Anti-Doping Agency - Social Science Research Program 2011.
- 2011: Collaboratore all'interno dell'Unità Operativa responsabile delle valutazioni funzionali e training per lo studio "Trial randomizzato sull'esercizio nei pazienti in trattamento dialitico, mortalità e performance" nell'ambito del programma strategico: Costituzione di un network

multiregionale per la prevenzione della malattia renale e migliorare il management clinico del paziente nefropatico” Ministero della Salute– Bando Ricerca Finalizzata 2006 In collaborazione con CNR IBIM di Reggio Calabria, Ospedali di Reggio Calabria, Mangiagalli IRCSS di Milano, S. Paolo di Milano e altri centri nazionali.

- 2008–2009: Co-investigatore responsabile delle valutazioni funzionali (performance fisica e cognitiva) per lo studio “Endovascular treatment of multiple sclerosis: pilot study (EVTMS)” in collaborazione con il Buffalo Neuroimaging Analysis Center, Jacobs Neurological Institute, University of Buffalo, NY, USA.
- 2009-2010: Co-investigatore trial “Chronic venous insufficiency in multiple sclerosis. A haemodynamic pilot study of cerebrospinal venous drainage using non-conventional MRI measures and sonography. HSIRB # NEU2320808E "in collaboration with Buffalo Neuroimaging Analysis Center, Jacobs Neurological Institute, University of Buffalo, NY, USA.
- 2006: Co-investigatore studio "Artificial Intelligence Evoking Target Testing in Antidoping" (AR.I.E.T.T.A.) in collaborazione con International Biathlon Union. Bando: World Anti-Doping Agency research Grants Health, Medical and Research Committee.
- 2004-2005: Co-investigatore e coordinatore per il centro di Ferrara per lo studio multicentrico NiCox S.A. NCX-4016-X-208: "A multicenter, double-blind, randomized, parallel group study to assess the effects of NCX 4016 vs placebo on walking distance in patients with peripheral arterial occlusive disease at Leriche-Fontaine stage II”.

#### **Attività didattica**

Dal 2002 svolge attività didattica nell’ambito di corsi di laurea triennali e magistrali e post-laurea

#### **Premi e riconoscimenti per attività scientifica**

- Best Poster Award: 2nd Annual International Society for Neurovascular Disease scientific meeting, February 18-22, 2012, Orlando, Florida, USA.
- Best Poster Award "City of Graz": 52nd International Neuropsychiatric Pula Congress, June 20-23, 2012, Pula, Croatia.
- Second Poster Prize “Mind and Brain-58th International Neuropsychiatric Pula Congress, May 25-27, 2018, Pula, Croatia.
- In data 06/11/2012 è stata designata cultore della materia nella disciplina di “Chirurgia Vascolare e Chirurgia cardio-toraco vascolare”, dal Dipartimento di Morfologia, Chirurgia e Medicina Sperimentale dell’Università di Ferrara.

#### **Affiliazioni**

- Socio ordinario Federazione Medico Sportiva Italiana
- Membro (medical expert) dell’International Compression Club (associazione internazionale di professionisti esperti in terapia compressiva)
- Membro del Centro Malattie Vascolari dell’Università di Ferrara
- Professional Member American College of Sports Medicine
- Membro dell’Editorial Board della rivista “Veins and Lymphatics” (Sezione: Exercise and Compression)

#### **Attività di revisore**

Attività di Revisore per: Phlebology, Sage Open Medicine, European Journal of Medical Research,

The American Journal of Clinical Nutrition, Heart and Vessels, Cardiorenal Medicine, JRSM Cardiovascular Disease, Trials, Scandinavian Journal of Medicine and Science in Sports.

### **Relazioni congressuali**

Autore e coautore di numerosi elaborati per relazioni congressuali/atti di Congresso. Relatore/ relatore invitato a 29 congressi nazionali e internazionali.

### **Pubblicazioni**

Indicatori Scopus: H-Index: 25

Indicatori Google Scholar: H-index: 28

1. Zamboni P, Malagoni AM, Menegatti E, Ragazzi R, Tavoni V, Tessari M, Beggs CB. Central venous pressure estimation from ultrasound assessment of the jugular venous pulse PLoS One. 2020 Oct 28;15(10):e0240057. doi: 10.1371/journal.pone.0240057.
2. Zollino I, Campioni D, Sibilla MG, Tessari M, Malagoni AM, Zamboni P. A phase II randomized clinical trial for the treatment of recalcitrant chronic leg ulcers using centrifuged adipose tissue containing progenitor cells. *Cytotherapy*.2019;21:200-211.
3. Baggetta R, D'Arrigo G, Torino C, ElHafeez SA, Manfredini F, Mallamaci F, Zoccali C, Tripepi G; EXCITE Working group. Effect of a home based, low intensity, physical exercise program in older adults dialysis patients: a secondary analysis of the EXCITE trial. *BMC Geriatr*. 2018;18:248.
4. Tessari M, Tisato V, Rimondi E, Zamboni P, Malagoni AM. Effects of intermittent pneumatic compression treatment on clinical outcomes and biochemical markers in patients at low mobility with lower limb edema. *J Vasc Surg Venous Lymphat Disord*. 2018;6:500-510.
5. Giancesini S, Sisini F, Di Domenico G, Secchiero J, Malagoni AM, Menegatti E, Gambaccini M, Zamboni P. Lower limbs venous kinetics and consequent impact on drainage direction. *Phlebology*. 2018;33:107-114.
6. Giancesini S, Occhionorelli S, Menegatti E, Malagoni AM, Tessari M, Zamboni P. Femoral vein valve incompetence as a risk factor for junctional recurrence. *Phlebology*. 2018;33:206-212.
7. Zamboni P, Sisini F, Menegatti E, Taibi A, Gadda G, Tavoni V, Malagoni AM, Tessari M, Giancesini S, Gambaccini M. Ultrasound Monitoring of Jugular Venous Pulse during Space Missions: Proof of Concept. *Ultrasound Med Biol*. 2018;44:726-733.
8. Menegatti E, Tessari M, Vannini ME, Giancesini S, Malagoni AM, Ciorba A, Mazzoli M, Sisini F, Salvi F, Pelucchi S, Zamboni P. High Resolution M-mode Evaluation of Jugular Vein Valves in Patients with Neurological and Neurosensory Disorders. *Curr Neurovasc Res*. 2017;14:316-322.
9. Manfredini F, Mallamaci F, D'Arrigo G, Baggetta R, Bolignano D, Torino C, Lamberti N, Bertoli S, Ciurlino D, Rocca-Rey L, Barilla A, Battaglia Y, Rapanà, RM, Zuccalà A, Bonanno G, Fatuzzo P, Rapisarda F, Rastelli S, Fabrizi F, Messa P, De Paola L, Lombardi L, Cupisti A, Fuiano G, Lucisano G, Summaria C, Felisatti M, Pozzato E, Malagoni AM, Castellino P, Aucella F, ElHafeez SA, Provenzano PF, Tripepi G, Catizone L, Zoccali C. Exercise in Patients on Dialysis: A Multicenter, Randomized Clinical Trial. *J Am Soc Nephrol*. 2017;28:1259-1268.
10. Giancesini S, Tessari M, Bacciglieri P, Malagoni AM, Menegatti E, Occhionorelli S, Basaglia N, Zamboni P. A specifically designed aquatic exercise protocol to reduce chronic lower limb edema. *Phlebology*. 2017;32:594-600.
11. Lamberti N, Straudi S, Malagoni AM, Argirò M, Felisatti M, Nardini E, Zamboni C, Basaglia N, Manfredini F. Effects of low-intensity endurance and resistance training on mobility in chronic stroke survivors. A pilot, randomized, controlled study. *Eur J Phys Rehabil Med*. 2017;53:228-239.
12. Lamberti N, Malagoni AM, Felisatti M, Caracciolo S, Resch N, Litmanen H, Dalfollo D, Jeannier P, Zhukovskaja L, Carrabre JE, Manfredini F. Anti-doping attitudes among elite athletes: a cross sectional study in biathlon using a suitably developed questionnaire. *J Sports Med Phys Fitness*.

- 2017;57:610-623.
13. Giancesini S, Menegatti E, Malagoni AM, Occhionorelli S, Zamboni P. Mini-invasive high-tie by clip apposition versus crossotomy by ligature: Long-term outcomes and review of the available therapeutic options. *Phlebology*. 2017;32:249-255.
  14. Pomidori L, Lamberti N, Malagoni AM, Manfredini F, Pozzato E, Felisatti M, Catizone L, Barillà A, Zuccalà A, Tripepi G, Mallamaci F, Zoccali C, Cogo A. Respiratory muscle impairment in dialysis patients: can minimal dose of exercise limit the damage? A Preliminary study in a sample of patients enrolled in the EXCITE trial. *J Nephrol*. 2016;29:863-869.
  15. Malagoni AM, Cavazza S, Ferraresi G, Grassi G, Felisatti M, Lamberti N, Basaglia N, Manfredini F. Effects of a "test in-train out" walking program versus supervised standard rehabilitation in chronic stroke patients: a feasibility and pilot randomized study. *Eur J Phys Rehabil Med*. 2016;52:279-287.
  16. Giancesini S, Gafà R, Occhionorelli S, Menegatti E, Malagoni AM, Spath P, Lanza G, Zamboni P. Histologic and sonographic features of holmium laser in chronic venous disease treatment. *Int Angiol*. 2017;36:122-128.
  17. Lamberti N, Malagoni AM, Ficarra V, Basaglia N, Manfredini R, Zamboni P, Mascoli F, Manfredini F. Structured Home-Based Exercise Versus Invasive Treatment: A Mission Impossible? A Pilot Randomized Study in Elderly Patients With Intermittent Claudication. *Angiology*. 2016;67:772-780.
  18. Malagoni AM, Lamberti N, Carrabre JE, Litmanen H, Jeannier P, Zhukovskaja L, Dal Follo D, Zambon C, Resch N, Manfredini F. Planning the International Competition Schedules for the Health of Elite Athletes: A 21-Year Retrospective Study Evaluating the Effectiveness and Economic Impact in an Olympic Sport. *PLoS One*. 2015 Jun 26;10(6):e0130338. doi: 10.1371/journal.pone.0130338.
  19. Manfredini F, Lamberti N, Malagoni AM, Felisatti M, Zuccalà A, Torino C, Tripepi G, Catizone L, Mallamaci F, Zoccali C. The role of deconditioning in the end-stage renal disease myopathy: physical exercise improves altered resting muscle oxygen consumption. *Am J Nephrol*. 2015;41(4-5):329-336.
  20. Tessari M, Giancesini S, Menegatti E, Zuolo M, Malagoni AM, Vannini ME, Zamboni P. Elastic stockings effect on leg volume variability in healthy workers under prolonged gravitational gradient exposure. *Veins and Lymphatics* 2015DOI:http://dx.doi.org/10.4081/vl.2015.5182.
  21. Manfredini F, Lamberti N, Malagoni AM, Zambon C, Basaglia N, Mascoli F, Manfredini R, Zamboni P. Reliability of the vascular claudication reporting in diabetic patients with peripheral arterial disease: a study with near-infrared spectroscopy. *Angiology*. 2015;66:365-374.
  22. Manfredini F, Malagoni AM, Felisatti M, Mandini S, Lamberti N, Manfredini R, Mascoli F, Basaglia N, Zamboni P. Acute oxygenation changes on ischemic foot of a novel intermittent pneumatic compression device and of an existing sequential device in severe peripheral arterial disease. *BMC Cardiovasc Disord*. 2014;31:14:40.
  23. Sisini F, Giancesini S, Menegatti E, Taibi A, Tessari M, Di Domenico G, Malagoni AM, Gambaccini M. On the consistency of flow rate color Doppler assessment for the internal jugular vein. *Veins and Lymphatics* 2014 DOI:10.4081/vl.2014.1863.
  24. Zamboni P, Sisini F, Menegatti E, Taibi A, Malagoni AM, Morovic S, Gambaccini M. An ultrasound model to calculate the brain blood outflow through collateral vessels: a pilot study. *BMC Neurol*. 2013;13:81.
  25. Tessari M, Menegatti E, Giancesini S, Pala M, Zuolo M, Malagoni AM, Manfredini R, Zamboni P. Assessment of lower limbs edema in healthy workers who are exposed to long-term gravity. *Veins and Lymphatics* 2013DOI:10.4081/vl.2013.e19.
  26. Malagoni AM, Felisatti M, Lamberti N, Basaglia N, Manfredini R, Salvi F, Zamboni P, Manfredini F. Muscle oxygen consumption by NIRS and mobility in multiple sclerosis patient. *BMC Neurology* 2013;13:52.
  27. Manfredini F, Malagoni AM, Manfredini R. Ankle Brachial Pressure Index: Faulty or Overused? *Angiology* 2013;64:89-92.
  28. D'Addato S, Tartagni E, Dormi A, Ballarini G, Macciantelli M, Malagoni AM, Manfredini F, Manfredini R, Borghi C. Can peripheral arterial disease be early screened for in a podiatric setting? A preliminary study in a cohort of asymptomatic adults. *Eur Rev Med Pharmacol Sci* 2012;16:1646-1650.

29. Manfredini F, Malagoni AM, Mandini S, Felisatti M, Mascoli F, Basaglia N, Roberto Manfredini R, Mikhailidis DP, Zamboni P. Near-infrared spectroscopy assessment following exercise training in patients with intermittent claudication and in untrained healthy subjects. *Vasc Endovascular Surg.* 2012;46:315-324.
30. De Giorgi A, Achilli F, Fabbian F, Pala M, Menegatti AM, Malagoni AM, Manfredini F, Manfredini R. Sudden death in competitive athletes: does a circadian variation in occurrence exist? *Am J Emerg Med.* 2012;30:1306-1309.
31. Zamboni P, Menegatti E, Pomidori L, Morovic S, Taibi A, Malagoni AM, Cogo AL, Gambaccini M. Does thoracic pump influence the cerebral venous return? *J Appl Physiol.* 2012;112:904-910.
32. Zamboni P, Menegatti E, Weinstock-Guttman B, Dwyer MG, Schirda CV, Malagoni AM, Hojnacki D, Kennedy C, Carl E, Bergsland N, Magnano C, Bartolomei I, Salvi F, Zivadinov R. Hypoperfusion of brain parenchyma is associated with the severity of chronic cerebrospinal venous insufficiency in patients with multiple sclerosis: a cross-sectional preliminary report. *BMC Med.* 2011;9:22.
33. Zivadinov R, Galeotti R, Hojnacki D, Menegatti E, Dwyer MG, Schirda C, Anna M Malagoni AM, Marr K, Kennedy C, Bartolomei I, Magnano C, Salvi F, Weinstock-Guttman B, Zamboni P. Value of MR venography for detection of internal jugular vein anomalies in multiple sclerosis. A pilot longitudinal study. *AJNR Am J Neuroradiol.* 2011;32:938-946.
34. Manfredini F, Malagoni AM, Litmanen H, Zhukovskaja L, Jeannier Pierre, DalFollo D, Felisatti M, Besseberg A, Geistlinger M, Bayer P, Carrabre J. Performance and blood monitoring in sports: the artificial intelligence evoking target testing in antidoping (AR.I.E.T.T.A.) project. *J Sports Med Phys Fitness.* 2011;51:153-159.
35. Manfredini R, Fabbian F, Pala M, Tiseo R, De Giorgi A, Manfredini F, Malagoni AM, Signani F, Andreati C, Boari B, Salmi R, Imberti D, Gallerani M. Seasonal and weekly patterns of occurrence of acute cardiovascular diseases: does a gender difference exist? *J Womens Health (Larchmt).* 2011;20:1663-1668.
36. Malagoni AM, Vagnoni E, Felisatti M, Mandini S, Heidari M, Mascoli F, Basaglia N, Manfredini R, Zamboni P, Manfredini F. Evaluation of patient compliance, quality of life impact and cost-effectiveness of a "test in-train out" exercise-based rehabilitation program for patients with intermittent claudication. *Circ J.* 2011;75:2128-2134.
37. Zivadinov R, Schirda C, Dwyer MG, Haacke ME, Weinstock-Guttman B, Menegatti E, Heininen-Brown M, Magnano C, Malagoni AM, Wack DS, Hojnacki D, Kennedy C, Carl E, Bergsland N, Hussein S, Poloni G, Bartolomei I, Salvi F, Zamboni P. Chronic cerebrospinal venous insufficiency and iron deposition on susceptibility-weighted imaging in patients with multiple sclerosis: a pilot case-control study. *Int Angiol.* 2010;29:158-175.
38. Hojnacki D, Zamboni P, Lopez-Soriano A, Galleotti R, Menegatti E, Weinstock-Guttman B, Schirda C, Magnano C, Malagoni AM, Kennedy C, Bartolomei I, Salvi F, Zivadinov R. Use of neck magnetic resonance venography, Doppler sonography and selective venography for diagnosis of chronic cerebrospinal venous insufficiency: a pilot study in multiple sclerosis patients and healthy controls. *Int Angiol.* 2010;29:127-139.
39. Malagoni AM, Galeotti R, Menegatti E, Manfredini F, Basaglia N, Salvi F, Zamboni P. Is chronic fatigue the symptom of venous insufficiency associated with multiple sclerosis? A longitudinal pilot study. *Int Angiol.* 2010;29:176-182.
40. Menegatti E, Genova V, Tessari M, Malagoni AM, Bartolomei I, Zuolo M, Galeotti R, Salvi F, Zamboni P. The reproducibility of colour Doppler in chronic cerebrospinal venous insufficiency associated with multiple sclerosis. *Int Angiol.* 2010;29:121-126.
41. Zamboni P, Menegatti E, Weinstock-Guttman B, Schirda C, Cox JL, Malagoni AM, Hojnacki D, Kennedy C, Carl E, Dwyer MG, Bergsland N, Galeotti R, Hussein S, Bartolomei I, Salvi F, Ramanathan M, Zivadinov R. CSF dynamics and brain volume in multiple sclerosis are associated with extracranial venous flow anomalies: a pilot study. *Int Angiol.* 2010;29:140-148.
42. Manfredini R, Manfredini F, Boari B, Malagoni AM, Gamberini S, Salmi R, Gallerani M. Temporal

- patterns of hospital admissions for transient ischemic attack: a retrospective population-based study in the Emilia-Romagna region of Italy. *Clin Appl Thromb Hemost*. 2010;16:153-160.
43. Malagoni AM, Felisatti M, Mandini S, Mascoli F, Manfredini R, Basaglia N, Zamboni P, Manfredini F. Resting muscle oxygen consumption by near-infrared spectroscopy in peripheral arterial disease: A parameter to be considered in a clinical setting? *Angiology*. 2010;61:530-536.
  44. Salvi F, Bartolomei I, Smolensky MH, Lorusso A, Barbarossa E, Malagoni AM, Zamboni P, Manfredini R. A seasonal periodicity in relapses of multiple sclerosis? A single-center, population-based, preliminary study conducted in Bologna, Italy. *BMC Neurol*. 2010;10:105.
  45. Manfredini R, Manfredini F, Malagoni AM, Boari B, Salmi R, Dentali F, Ageno W. Chronobiology of vascular disorders: a "seasonal" link between arterial and venous thrombotic diseases". *Journal of Coagulation Disorders*. 2010; 2:61-67.
  46. Zamboni P, Galeotti R, Menegatti E, Malagoni AM, Giancesini S, Bartolomei I, Mascoli F, Salvi F. A prospective open-label study of endovascular treatment of chronic cerebrospinal venous insufficiency. *J Vasc Surg*. 2009;50:1348-1358.e1-3. Erratum in: *J Vasc Surg*. 2010;51:1079.
  47. Zamboni P, Menegatti E, Galeotti R, Malagoni AM, Tacconi G, Dall'Ara S, Bartolomei I, Salvi F. The value of cerebral Doppler venous haemodynamics in the assessment of multiple sclerosis. *J Neurol Sci*. 2009;15:282(1-2):21-27.
  48. Manfredini F, Malagoni AM, Felisatti M, Mandini S, Mascoli F, Manfredini R, Basaglia N, Zamboni P. A dynamic objective evaluation of peripheral arterial disease by near-infrared spectroscopy. *Eur J Vasc Endovasc Surg*. 2009;38(4):441-448.
  49. Manfredini F, Rigolin GM, Malagoni AM, Catizone L, Mandini S, Soffritti O, Mauro E, Soffritti S, Boari B, Cuneo A, Zamboni P, Manfredini R. Exercise training and endothelial progenitor cells in haemodialysis patients. *J Int Med Res*. 2009;37:534-540.
  50. Manfredini F, D'Addato S, Laghi L, Malagoni AM, Mandini S, Boari B, Borghi C, Manfredini R. Influence of lifestyle measures on hypertriglyceridaemia. *Curr Drug Targets*. 2009;10:344-355.
  51. Zamboni P, Galeotti R, Menegatti E, Malagoni AM, Tacconi G, Dall'Ara S, Bartolomei I, Salvi F. Chronic cerebrospinal venous insufficiency in patients with multiple sclerosis. *J Neurol Neurosurg Psychiatry*. 2009;80:392-399.
  52. Zamboni P, Menegatti E, Weinstock-Guttman B, Schirda C, Cox JL, Malagoni AM, Hojanacki D, Kennedy C, Carl E, Dwyer MG, Bergsland N, Galeotti R, Hussein S, Bartolomei I, Salvi F, Zivadinov R. The severity of chronic cerebrospinal venous insufficiency in patients with multiple sclerosis is related to altered cerebrospinal fluid dynamics. *Funct Neurol*. 2009;24:133-138.
  53. Manfredini F, Malagoni AM, Litmanen H, Zhukovskaja L, Jeannier P, Dal Follo D, Felisatti M, Mandini S, Carrabre JE. Blood parameters and biathlon performance. *J Sports Med Phys Fitness*. 2009;49:208-213.
  54. Manfredini F, Malagoni AM, Mandini S, Boari B, Felisatti M, Zamboni P, Manfredini R. Sport therapy for hypertension: why, how, and how much? *Angiology*. 2009;60:207-216.
  55. Manfredini R, Manfredini F, Malagoni AM, Salmi R, Boari B, Gallerani M. Day-of-week distribution of fatal and nonfatal ischemic stroke in elderly subjects. *J Am Geriatr Soc*. 2009;57:1511-1513.
  56. Manfredini R, Boari B, Salmi R, Gallerani M, Felisatti M, Mandini S, Malagoni AM, Manfredini F. Circadian variation of cardiovascular events and morning blood pressure surge. *Vascular Disease Prevention*. 2008;5:246-251.
  57. Malagoni AM, Catizone L, Mandini S, Soffritti S, Manfredini R, Boari B, Russo G, Basaglia N, Zamboni P, Manfredini F. Acute and long-term effects of an exercise program for dialysis patients prescribed in hospital and performed at home. *J Nephrol*. 2008;21:871-878.
  58. Manfredini F, Malagoni AM, Mascoli F, Mandini S, Taddia MC, Basaglia N, Manfredini R, Conconi F, Zamboni P. Training rather than walking: the test in-train out program for home-based rehabilitation in peripheral arteriopathy. *Circ J*. 2008;72:946-952.
  59. Zamboni P, Menegatti E, Bartolomei I, Galeotti R, Malagoni AM, Tacconi G, Salvi F. Intracranial venous haemodynamics in multiple sclerosis. *Curr Neurovasc Res*. 2007;4:252-258.

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