

# CURRICULUM VITAE

**Dr. SANDRO LEPIDI**

## **INDIRIZZO**

### **Casa**

### **Lavoro**

Struttura Complessa (UCO) Clinica di Chirurgia Vascolare  
Azienda Sanitaria Universitaria Integrata di Trieste  
10° piano Torre Chirurgica  
Strada di fiume 447 – 34149 Trieste  
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## **LUOGO E DATA DI NASCITA**

### **SCUOLA SUPERIORE**

Maturità Classica 1977-82

### **LAUREA IN MEDICINA**

Summa cum laude 1982-1988  
Università degli Studi di Roma “La Sapienza”

### **SPECIALIZZAZIONE IN CHIRURGIA GENERALE E VASCOLARE**

I Dipartimento di Chirurgia, “Pietro Valdoni” 1988-1993  
Università degli Studi di Roma “La Sapienza”

Dipartimento di Chirurgia 1991-1992  
Ospedale Universitario di Colonia, Germania  
Programma di Scambio Europeo

Fellowship in Vascular Surgery 1994-97  
Department of Surgery,  
University of Washington, Seattle, Wa USA

**CERTIFICAZIONI PROFESSIONALI ITALIANE**

Esame di Stato di Abilitazione all'esercizio della professione di Medico	1989
Specializzazione in Chirurgia Generale Summa cum laude Università degli Studi di Roma "La Sapienza"	1993
Abilitazione Scientifico Nazionale Professore di seconda fascia Settore concorsuale 06/E1 - Chirurgia Cardio-Toraco-Vascolare Settore scientifico-disciplinare MED/22 – Chirurgia Vascolare	2014

**CERTIFICAZIONI PROFESSIONALI INTERNAZIONALI**

ECFMG, Educational Commission for Foreign Medical Graduates (# 448-568-6) Philadelphia, Pennsylvania, USA	1991
FEBVS Fellow of the European Board of Vascular Surgery	2013

**POSIZIONI LAVORATIVE ATTUALI**

Direttore di SC di Chirurgia Vascolare Azienda Sanitaria Universitaria Integrata di Trieste	dal 17 giugno 2019
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## **POSIZIONI LAVORATIVE PRECEDENTI**

Dirigente Medico di I livello Ospedale IDI-IRCCS. Roma	1997-99
Dirigente Medico di I livello Clinica di Chirurgia Vascolare ed Endovascolare Dipartimento di Scienze Cardiologiche, Toraciche e Vascolari Università / Azienda Ospedaliera di Padova	1999-2019
Comando finalizzato Dipartimento di Chirurgia Vascolare, Ospedale Universitario di Bordeaux, Tripode-Pellegrin, Place Amelie Raba Leon, 33000 Bordeaux, France.	2012-13
Incarico di Alta Specializzazione di “Organizzazione e gestione informatica dell’attività clinica” e “Analisi ed implementazione di modelli per l’informatizzazione dell’UOC” di Chirurgia Vascolare ed Endovascolare	2004-14 2014-19
Incarico di Referente della Chirurgia Vascolare Pediatrica Dipartimento di Scienze Cardiologiche, Toraciche e Vascolari Università / Azienda Ospedaliera di Padova	2015-19
Sostituto Responsabile Clinica di Chirurgia Vascolare ed Endovascolare Dipartimento di Scienze Cardiologiche, Toraciche e Vascolari Università / Azienda Ospedaliera di Padova	2015-19
Incarico di Preposto dell’Unità Operativa Complessa di Chirurgia Vascolare dell’Azienda Ospedaliera di Padova	2017-19

## **ESPERIENZA CHIRURGICA**

Presso l’Azienda Ospedaliera di Padova, ha eseguito 2658 interventi di chirurgia arteriosa vascolare (tradizionale e/o endovascolare), di cui 1563 come primo operatore.

In qualità di primo operatore ha eseguito:

- 452 interventi in urgenza
- 162 AAA, di cui 32 rotti, 108 EVAR (4 Chimney, 3 Fenestrated, 2 Branched)
- 15 procedure sull’aorta toracica, 14 TEVAR, di cui 5 in urgenza (di cui 1 open)
- 470 Stenosi carotidee, di cui 83 CAS
- 536 AOAI, di cui 102 acute

## **ATTIVITÀ ACCADEMICHE**

Professore associato di Chirurgia Vascolare Università degli Studi di Trieste	dal 17 giugno 2019
Professore a contratto presso la Scuola di Specializzazione in Chirurgia Vascolare dell'Università di Padova, con gli insegnamenti: “Accessi chirurgici all'aorta toracica”, vecchio ordinamento “Informatica ed Imaging Vascolare”, nuovo ordinamento	2001-08 2008-19
Ha svolto lezioni di chirurgia vascolare come insegnante di supporto e tutor nei tirocini ed esercitazioni obbligatorie per gli studenti di Medicina dell'Università di Padova	2001-19
Docente nel Master Universitario di II Livello in Chirurgia Vascolare ed Endovascolare delle Carotidi, Università degli Studi di Padova,	2004-05

## **PROGETTI DI RICERCA SVOLTI**

Growth factors release and development of intimal hyperplasia in “in vitro” and “in vivo” experimental models	1993-94
Role and regulation of MMPs in atherosclerotic lesions	1994-97
Development of a new model of atherosclerotic lesions in Macaca Nemestrina monkeys	1994-97
Adenoviral vectors in the development of neo-angiogenesis in a murine model of hind limb ischemia	1998-99
Development of neo-angiogenesis using Recombinant bFGF in critical PAD patients	2001-03
Effect of fibroblast growth factor NV1FGF on amputation and death: a randomised placebo-controlled trial of gene therapy in critical limb ischaemia. Local Principal Investigator of the Study EFC6145 – TAMARIS	2008-11
Development of bio-engineered neo-arteries using modified Hyaluronic Acid scaffolds	2007-11

## **APPARTENENZA A SOCIETÀ SCIENTIFICHE**

European Society for Vascular Surgery (ESVS) Society for Vascular Surgery (SVS) International Society of Endovascular Specialist (ISVS) Società Italiana di Chirurgia Vascolare ed Endovascolare (SICEV) Società Italiana di Angiologia e Patologia Vascolare (SIAPAV)	
Revisore scientifico per la rivista europea European Journal of Vascular and Endovascular Surgery (EJVES)	dal 2006
Revisore scientifico per la rivista europea European Journal of Vascular and Endovascular Surgery – Short Reports (EJVES-SR)	dal 2016
Membro della commissione per la revisione delle linee guida della società europea (ESVS) per la patologia carotidea e vertebrale	2014-17
Membro del Comitato Editoriale (EDITORIAL BOARD) della rivista europea EJVES	dal 2014
Membro del Comitato Editoriale (EDITORIAL BOARD) della rivista europea EJVES-SR	dal 2015

## **PREMI E RICONOSCIMENTI**

Premio Achille Dogliotti per la Ricerca Chirurgica II Forum Nazionale per Studenti e Specializzandi delle Facoltà di Medicina, Roma. Titolo della ricerca: Infettabilità delle protesi arteriose sintetiche. Studio sperimentale.	1988
Primo Premio per la Ricerca Chirurgica II Forum Nazionale dei Programmi di Ricerca per Specializzandi in Chirurgia Generale, Roma. Titolo della ricerca: Controllo dell'iperplasia subintimale mediante calcio-antagonisti in un modello sperimentale di trapianti venosi allologhi ed isologhi in animali immuno-depressi.	1991
Best Experimental Paper VII Annual Meeting of the European Society of Vascular Surgery, Barcelona, Spagna	1993
Best Experimental Paper XIX Annual Meeting of the European Society of Vascular Surgery, Helsinki, Finland	2005

**STATO CIVILE**

**INTERESSI EXTRA-LAVORATIVI**

Sport: corsa, ciclismo, sci

Lettura: letteratura classica

Musica: classica e leggera

**LINGUE STRANIERE**

Inglese, Francese e Tedesco

**Pubblicazioni scientifiche**

1. Mani K, Kohl PH, **Lepidi S**. Treatment of Thoracic and Thoraco-abdominal Aortic Pathology in the Endovascular Era. EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY. 2019 Gen 30. doi: 10.1016/j.ejvs.2019.01.004. [Epub ahead of print]
2. **Lepidi S**, Squizzato F, Nai Fovino L, Badawy MR, Fraccaro S, Bassini S, Antonello M, Tarantini G. Clinical Impact of Carotid Stenosis in Patients Undergoing Transcatheter Aortic Valve Implantation. In VASCULAR AND ENDOVASCULAR CONTROVERSIES UPDATE, 2019; In press London: Biba Publishing 2019, Greenhalgh RM Editor.
3. **Lepidi S**. Is TEVAR a Safe Approach for the Treatment of Mycotic Thoracic Aortic Aneurysms? EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY. 2018 Oct 31. doi: 10.1016/j.ejvs.2018.10.006. [Epub ahead of print]
4. **Lepidi S**. Should We Look Differently at Aortic Aneurysm in Women? Commentary on "Prevalence of Synchronous and Metachronous Aneurysms in Women with Abdominal Aortic Aneurysm". EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY Eur J Vasc Endovasc Surg. 2018;56:441.
5. **Lepidi S**, Squizzato F, Grego F. Endovascular vs. open treatment of severe aortoiliac occlusive disease – outcomes of a kissing, self-expanding covered stent for reconstruction of the aortic bifurcation. In VASCULAR AND ENDOVASCULAR CONTROVERSIES UPDATE, 2018; 319-326. London:Biba Publishing 2018, Greenhalgh RM Editor.
6. **Lepidi S**. Commentary on "Efficient Differentiation of Bone Marrow Mesenchymal Stem Cells into Endothelial Cells in vitro". EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY, 2018;55:266.
7. Naylor AR, Ricco JB, de Borst GJ, Debus S, de Haro J, Halliday A, Hamilton G, Kakisis J, Kakkos S, **Lepidi S**, Markus HS, McCabe DJ, Roy J, Sillesen H, van den Berg JC, Vermassen F. Editor's Choice - Management of Atherosclerotic Carotid and Vertebral Artery Disease: 2017 Clinical Practice Guidelines of the European Society for Vascular Surgery (ESVS). EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY, 2018;55:3-81.
8. Caradu C, Morin J, Midy D, **Lepidi S**, Ducasse E. Combination of Chimneys and Fenestrated Endografts in the Treatment of Complex Aortic Aneurysms. JOURNAL OF ENDOVASCULAR THERAPY, 2017;24:575-583.
9. Piazza M, Squizzato F, Miccoli T, **Lepidi S**, Menegolo M, Grego F, Antonello M. Definition of Type II Endoleak Risk Based on Preoperative Anatomical Characteristics. JOURNAL OF ENDOVASCULAR THERAPY, 2017;24:566-572.
10. Piazza M, Squizzato F, Dall'Antonia A, **Lepidi S**, Menegolo M, Grego F, Antonello M. Outcomes of Self Expanding PTFE Covered Stent Versus Bare Metal Stent for Chronic Iliac Artery Occlusion in Matched Cohorts Using Propensity Score Modelling. EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY, 2017;54:177-185
11. Piazza M, Squizzato F, **Lepidi S**, Menegolo M, Grego F, Antonello M. Iliac Artery Stenting Combined with Ipsilateral Open Femoro-Popliteal Revascularization and Its Effect on Bypass Patency. ANNALS OF VASCULAR SURGERY, 2017;44:282-288
12. **Lepidi S**. Commentary on 'A Comparison of Accuracy of Image- versus Hardware-based Tracking Technologies in 3D Fusion in Aortic Endografting'. EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY, 2016;52:332.
13. **Lepidi S**. Commentary on 'Self Referral to the NHS Abdominal Aortic Aneurysm Screening Programme'. EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY, 2016;52:322.
14. Sterpetti AV, **Lepidi S**, Borrelli V, Di Marzo L, Sapienza P, Cucina A, Ventura M. Growth factors and

- experimental arterial grafts. *JOURNAL OF VASCULAR SURGERY*, 2016;64:1444-1449.
15. Barp A, Fedrigo M, Farina FM, **Lepidi S**, Causin F, Castellani C, Cester G, Thiene G, Valente M, Baracchini C, Angelini A. Carotid aneurism with acute dissection: an unusual case of IgG4-related diseases. *CARDIOVASCULAR PATHOLOGY*, 2016;25:59-62.
  16. Piazza M, Squizzato F, Zavatta M, Menegolo M, Ricotta JJ 2nd, **Lepidi S**, Grego F, Antonello M. Outcomes of endovascular aneurysm repair with contemporary volume-dependent sac embolization in patients at risk for type II endoleak. *JOURNAL OF VASCULAR SURGERY*, 2016;63:32-8.
  17. **Lepidi S**. Alexander Whitehill Clowes, M.D. (1947-2015): The Strength of Innovative Thinking. *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*. 2015;50:411.
  18. Charmoille E, Brizzi V, **Lepidi S**, Sassoust G, Rouillet S, Ducasse E, Midy D, Bérard X. Thirty-day outcome of delayed versus early management of symptomatic carotid stenosis. *ANNALS OF VASCULAR SURGERY*, 2015;29:977-84.
  19. Ducasse E, **Lepidi S**, Brochier C, Deglise S, Berard X, Alberti D, Midy D. The "open" chimney graft technique for juxtarenal aortic aneurysms with discrepant renal arteries. *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*, 2014;47:124-30.
  20. Ducasse E, **Lepidi S**, Midy D. The value of below-the-ankle level loop technique of foot artery reconstruction. In: Roger M Greenhalgh . *VASCULAR AND ENDOVASCULAR CONSENSUS UPDATE*, 2014;287-94. Londra:Biba Publishing 2008, Greenhalgh RM Editor.
  21. **Lepidi S**, Piazza M, Scrivere P, Menegolo M, Antonello M, Grego F, Frigatti P. Parallel endografts in the treatment of distal aortic and common iliac aneurysms. *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*, 2014;48:29-37.
  22. Antonello M, Menegolo M, Maturi C, Dall'Antonia A, **Lepidi S**, Frigo AC, Grego F, Frigatti P. Intentional coverage of the left subclavian artery during endovascular repair of traumatic descending thoracic aortic transection. *JOURNAL OF VASCULAR SURGERY*, 2013;57:684-690.
  23. Ducasse E, **Lepidi S**, Midy D. Physician-made fenestrated endografts versus chimney grafts. In: Roger M Greenhalgh . *VASCULAR AND ENDOVASCULAR CHALLENGES UPDATE*, 2013;175-184. Londra:Biba Publishing 2008, Greenhalgh RM Editor.
  24. **Lepidi S**. Comments regarding 'Correlations Between Clinical Variables and Gene-expression Profiles in Carotid Plaque Instability'. *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*, 2011;42:731.
  25. Pandis L, Zavan B, Bassetto F, Ferroni L, Iacobellis L, Abatangelo G, **Lepidi S**, Cortivo R, Vindigni V. Hyaluronic acid biodegradable material for reconstruction of vascular wall: a preliminary study in rats. *MICROSURGERY*, 2011;31:138-145.
  26. Pandis L, Zavan B, Abatangelo G, **Lepidi S**, Cortivo R, Vindigni V. Hyaluronan-based scaffold for in vivo regeneration of the rat vena cava: Preliminary results in an animal model. *JOURNAL OF BIOMEDICAL MATERIALS RESEARCH*, 2010;93A:1289-1296.
  27. Frigatti P, **Lepidi S**, Piazza M, Maturi C, Menegolo M, Deriu GP, Grego F A New Endovascular Approach to Exclude Isolated Bilateral Common Iliac Artery Aneurysms. *EJVES EXTRA*, 2010;19:e55-e57.
  28. Frigatti P, Grego F, Deriu GP, **Lepidi S**. Hybrid endovascular treatment of aneurysm degeneration in a rare right-aortic arch anomaly with Kommerell diverticulum. *JOURNAL OF VASCULAR SURGERY*, 2009;50:903-906.
  29. Antonello M, Frigatti P, Maturi C, **Lepidi S**, Noventa F, Pittoni G, Deriu GP, Grego F. Open Repair for Ruptured Abdominal Aortic Aneurysm: Is It Possible to Predict Survival?. *ANNALS OF VASCULAR SURGERY*, 2009;23:159-166.
  30. Vindigni V, Zavan B, **Lepidi S**, Pandis L, Cortivo R, Bassetto F, Abatangelo G. In vivo regeneration of microvascular pedicle. *WOUND REPAIR AND REGENERATION*, 2009;17:A83.
  31. Zavan B, Vindigni V, **Lepidi S**, Iacopetti I, Avruscio G, Abatangelo G, Cortivo R. Neoarteries grown in



- vivo using a tissue-engineered hyaluronan-based scaffold. *FASEB JOURNAL*, 2008;22:2853-2861.
32. Marulli G, **Lepidi S**, Frigatti P, Antonello A, Grego F, Rea F. Thoracic aorta endograft as an adjunct to resection of a locally invasive tumor: A new indication to endograft. *JOURNAL OF VASCULAR SURGERY*, 2008;47:868-870.
  33. Antonello M, Deriu GP, Frigatti P, Amista P, **Lepidi S**, Stramana R, Battocchio P, Dall'Antonio A, Grego F. Does the type of carotid artery closure influence the management of recurrent carotid artery stenosis? Results of a 6-year prospective comparative study. *SURGERY*, 2008;143:51-57.
  34. Vindigni V, Zavan B, **Lepidi S**, Cortivo R, Abatangelo G. Neo-artery in vivo re-growth using a tissue-engineered hyaluronan based scaffold. *TISSUE ENGINEERING, PART A*, 2008;14:885.
  35. Antonello M, Deriu GP, Frigatti P, Amista P, **Lepidi S**, Stramana R, Battocchio P, Dall'Antonio A, Grego F. Does the type of carotid artery closure influence the management of recurrent carotid artery stenosis? Results of a 6-year prospective comparative study. *SURGERY*, 2008;143:51-57.
  36. Antonello M, Frigatti P, Battocchio P, **Lepidi S**, Dall'antonia A, Deriu GP, Grego F (2007). Endovascular treatment of asymptomatic popliteal aneurysms: 8-year concurrent comparison with open repair. *JOURNAL OF CARDIOVASCULAR SURGERY*, 2007;48:267-274.
  37. Antonello M, **Lepidi S**, Kechagias A, Frigatti P, Tripepi A, Biancari F, Deriu GP, Grego F. Glasgow aneurysm score predicts the outcome after emergency open repair of symptomatic, unruptured abdominal aortic aneurysms. *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*, 2007;33:272-276;
  38. **Lepidi S**, Abatangelo G, Vindigni V, Deriu GP, Zavan B, Tonello C, Cortivo R. In vivo regeneration of small-diameter (2 mm) arteries using a polymer scaffold. *FASEB JOURNAL*, 2006;20:103-105.
  39. Abatangelo G, **Lepidi S**, Vindigni V, Zavan B, Cortivo R. In vivo guided regeneration of small diameter arteries. *MATRIX BIOLOGY*, 2006;25:S11.
  40. **Lepidi S**, Grego F, Vindigni V, Zavan B, Tonello C, Deriu GP, Abatangelo G, Cortivo R. Hyaluronan biodegradable scaffold for small-caliber artery grafting: Preliminary results in an animal model. *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*, 2006;32:411-417.
  41. Grego F, **Lepidi S**, Antonello M, Bonvini S, Battocchio R, Galzignan E, Menegolo M, Segalla A, Deriu GP. Is carotid endarterectomy in octogenarians more dangerous than in younger patients?. *JOURNAL OF CARDIOVASCULAR SURGERY*. 2005;46:477-483.
  42. Grego F, Antonello M, **Lepidi S**, Zaramella M, Galzignan E, Menegolo M, Deriu GP. Is contralateral carotid artery occlusion a risk factor for carotid endarterectomy?. *ANNALS OF VASCULAR SURGERY*, 2005;19:882-889.
  43. Antonello M, Frigatti P, Battocchio P, **Lepidi S**, Cognolato D, Dall'Antonia A, Stramana R, Deriu GP, Grego F. Open repair versus endovascular treatment for asymptomatic popliteal artery aneurysm: Results of a prospective randomized study. *JOURNAL OF VASCULAR SURGERY*, 2005;42:185-193.
  44. **Lepidi S**, Abatangelo G, Vindigni V, Deriu GP, Zavan B, Tonello C, Cortivo R. In vivo regeneration of small-diameter (2 mm) arteries using a polymer scaffold. *FASEB JOURNAL*, 2005;19:103.
  45. Deriu G, Bonvini S, **Lepidi S**, Angelici A, Amista P, Frigatti P, Grego F. Carotid restenosis after endarterectomy: Rationale for endovascular or conventional redo treatment. *JOURNAL OF ENDOVASCULAR THERAPY*, 2005;12:12-13.
  46. Deriu GP, **Lepidi S**, Grego F. Embolie arteriose. In: Sergio Dalla Volta; Luciano Daliento; Renato Razzolini. *MALATTIE DEL CUORE E DEI VASI*, 2005;771-774, MILANO:The McGraw-Hill Companies.
  47. Grego F, Stramana R, **Lepidi S**, Antonello M, Bonvini S, Zaramella M, Deriu GP. Primitive proatlantal intersegmental artery and carotid endarterectomy. *JOURNAL OF VASCULAR SURGERY*, 2004;39:691.
  48. Grego FA, Frigatti P, Antonello M, **Lepidi S**, Ragazzi R, Iurilli V, Zucchetta P, Deriu GP. Suprarenal fixation of endograft in abdominal aortic aneurysm treatment - Focus on renal function. *ANNALS OF SURGERY*, 2004;240:169-178.
  49. Grego F, Antonello M, Stramanà R, Deriu GP, **Lepidi S**. Popliteal-to-distal bypass for limb salvage.

- ANNALS OF VASCULAR SURGERY, 2004;18:321-328.
50. Deriu GP, Frigatti P, Antonello M, **Lepidi S**, Ragazzi R, Iurilli V, Grego F. Transrenal fixation of aortic endoprostheses: Early and midterm results with a focus on renal function. JOURNAL OF ENDOVASCULAR THERAPY, 2004;11:15-16.
  51. Grego F, Antonello M, **Lepidi S**, Bonvini S, Deriu GP. Prospective, randomized study of external jugular vein patch versus polytetrafluoroethylene patch during carotid endarterectomy: Perioperative and long-term results. JOURNAL OF VASCULAR SURGERY, 2003;38:1232-1240.
  52. Grego F, **Lepidi S**, Cognolato D, Frigatti P, Morelli I, Deriu GP. Rationale of the surgical treatment of carotid kinking. JOURNAL OF CARDIOVASCULAR SURGERY, 2003;44:79-85.
  53. Grego F, **Lepidi S**, Bassi P, Tavolini IM, Noventa F, Pagano F, Deriu GP. Simultaneous surgical treatment of abdominal aortic aneurysm and carcinoma of the bladder. JOURNAL OF VASCULAR SURGERY, 2003;37: 607-614.
  54. Grego FG, **Lepidi S**, Ragazzi R, Iurilli V, Stramana R, Deriu GP. Visceral artery aneurysms: a single center experience. CARDIOVASCULAR SURGERY, 2003;11:19-25.
  55. Grego F, Frigatti P, **Lepidi S**, Bonvini S, Amista P, Deriu GP. Synchronous carotid endarterectomy and retrograde endovascular treatment of brachiocephalic or common carotid artery stenosis. EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY, 2003;26:392-395.
  56. Grego F, **Lepidi S**, Milite D, Cognolato D, Frigatti P, Morelli I, Deriu GP. E' giustificata la chirurgia arteriosa ricostruttiva per il salvataggio d'arto negli ottuagenari?. GIORNALE ITALIANO DI CHIRURGIA VASCOLARE, 2002;9:257-267.
  57. Grego F, Antonello M, **Lepidi S**, Deriu GP. By-pass femoro-tibiali in PTFE con patch in vena. In: A. STELLA, M. GARGIULO. ED MINERVA MEDICA L'ARTERIOPATIA DIABETICA, 2002;67-81.
  58. Grego F, Frigatti R, Amista P, **Lepidi S**, Antonello M, Carollo C, Deriu GP. Prospective comparative study of two cerebral protection devices in carotid angioplasty and stenting. JOURNAL OF CARDIOVASCULAR SURGERY, 2002;43:391-397.
  59. **Lepidi S**, Kenagy RD, Raines EW, Chiu ES, Chait A, Ross R, Clowes AW. MMP9 production by human monocyte-derived macrophages is decreased on polymerized type I collagen. JOURNAL OF VASCULAR SURGERY, 2002;35:261.
  60. Grego F, Frigatti P, Amista P, **Lepidi S**, Antonello M, Carollo C, Deriu GP. Prospective comparative study of two cerebral protection devices in angioplasty and carotid stenting [Studio comparativo prospettico di due sistemi di protezione cerebrale nell'angioplastica e stenting carotideo]. GIORNALE ITALIANO DI CHIRURGIA VASCOLARE, 2002;9:357-367.
  61. **Lepidi S**, Kenagy RD, Raines EW, Chiu ES, Chait A, Ross R, Clowes AW. MMP9 production by human monocyte-derived macrophages is decreased on polymerized type I collagen. JOURNAL OF VASCULAR SURGERY, 2001;34:1111-1118.
  62. Deriu GP, Grego F, **Lepidi S**, Antonello M, Milite D, Zaramella M, Damiani N. Short-term arterial blood reperfusion of normothermic kidney in renal artery and abdominal aorta reconstructive surgery. EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY, 2001;21:314-319.
  63. Deriu G, Frigatti P, Bonvini S, **Lepidi S**, Ragazzi R, Grego F. Endovascular treatment of popliteal aneurysm. In: Roger M Greenhalgh . (a cura di): Becquemin JP; Davis A; Gaines P; Harris P; Ivancec K; Mitchell A; Raithel D, VASCULAR AND ENDOVASCULAR SURGICAL TECHNIQUES, 2001;427-430, LONDON:W.B. SAUNDERS.
  64. Grego F, **Lepidi S**, Damiani N, Zaramella M, Antonello M, Bonvini S, Deriu GP. Routinely delayed shunt insertion during carotid endarterectomy [Uso routinario dilazionato dello shunt in chirurgia carotidea]. GIORNALE ITALIANO DI CHIRURGIA VASCOLARE, 2001;8:217-229.
  65. Deriu GP, Milite D, Damiani N, Mercurio D, Bonvicini C, **Lepidi S**, Grego F. Carotid endarterectomy without angiography: a prospective randomised pilot study. EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY, 2000;20:250-253.
  66. Sterpetti AV, Cucina A, **Lepidi S**, Randone B, Corvino V, D'Angelo LS, Cavallaro A. Formation of

- myointimal hyperplasia and cytokine production in experimental vein grafts. *SURGERY*, 1998;123:461-469.
67. **Lepidi S**, Kenagy RD, Chait A, Welgus HG, Clowes AW. Effect of normal and modified low density lipoproteins on matrix metalloproteinase 9 synthesis in human monocyte-deprived macrophages. *CIRCULATION*, 1997;96: 949.
  68. Randone B, Sterpetti AV, **Lepidi S**, Proietti P, Travi D, Aromatario C, Gugliemi MB, Cucina A, Cavallaro A. Growth factor production following polytetrafluoroethylene grafting: An experimental study. [Produzione di fattori di crescita dopo bypass sperimentali con politetrafluoroetilene]. *CHIRURGIA*, 1997;10:165-167.
  69. **Lepidi S**, Kenagy RD, Chait A, Welgus HG, Clowes AW. Induction of macrophage matrix metalloproteinase (MMP)1 by platelet-derived growth factor (PDGF) BB, interleukin 1 (IL1), tumor necrosis factor (TNF) and collagen (COL) types I and III. *FASEB JOURNAL*, 1996;10:1728.
  70. Sterpetti AV, Cucina A, **Lepidi S**, Randone B, Stipa F, Aromatario C, Travi D, D'Angelo LS, Cavallaro A, Stipa S. Progression and regression of myointimal hyperplasia in experimental vein grafts depends on platelet-derived growth factor and basic fibroblastic growth factor production. *JOURNAL OF VASCULAR SURGERY*, 1996;23:568-575.
  71. Sterpetti A V, **Lepidi S**, Cucina A, Patrizi A L, Palumbo R, Taranta A, Stipa F, Cavallaro A, Santoro-D'Angelo L, Stipa S. Growth factor production after polytetrafluoroethylene and vein arterial grafting: an experimental study. *JOURNAL OF VASCULAR SURGERY*, 1996;23:452-460.
  72. **Lepidi S**, Sterpetti AV, Cucina A, Randone B, Palumbo R, Patrizi AL, Stipa F, D'Angelo LS, Cavallaro A. The degree of porosity influences the release of growth factors by healing polytetrafluoroethylene (PTFE) grafts. *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*, 1996;11: 36-41.
  73. **Lepidi S**, Clowes AW. Pathogenesis of Restenosis. In: Yao James S.T. and Pearce William H. Ed. Yao James S.T. and Pearce William H., *ARTERIAL SURGERY: MANAGEMENT OF CHALLENGING PROBLEMS*, 1996;3-13. STAMFORD, CT:APPLETON AND LANGE.
  74. Randone B, Sterpetti AV, Proietti P, **Lepidi S**, Di Carlo A, Palumbo R, Patrizi AL, Travi D, Cucina A, Cavallaro A. Produzione di fattori di crescita da parte di trapianti venosi | [Increased release of basic fibroblastic growth factor and platelet derived growth factor by arterial vein grafts]. *CHIRURGIA*, 1996;9:501-506.
  75. **Lepidi S**, Sterpetti AV, Cucina A, Dicarlo A, Patrizi AL, Palumbo R, Bernucci P, Santoro D'Angelo L, Cavallaro A. bFGF release is dependent on flow conditions in experimental vein grafts. *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*, 1995;10:450-458.
  76. Bernucci P, **Lepidi S**, Di Gioia C, Fiore F, Pietromarchi A, Ioppolo A, Cavallaro A, Gallo P. Does cyclosporin a have any effect on accelerated atherosclerosis in absence of graft rejection? Pathologic and morphometric evaluation in an experimental model. *THE JOURNAL OF HEART AND LUNG TRANSPLANTATION*, 1995;14:1187-1196.
  77. Cucina A, Sterpetti AV, Pupelis G, Fragale A, **Lepidi S**, Cavallaro A, Giustiniani Q, D'Angelo LS. Shear-stress induces changes in the morphology and cytoskeleton organization of arterial endothelial-cells. *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*, 1995;9:86-92.
  78. Bernucci P, **Lepidi S**, Di Gioia C, Cavallaro A, Gallo P. Effects of cyclosporine on intimal hyperplasia in an experimental model histomorphometric study. *LABORATORY INVESTIGATION*, 1995;72:A30.
  79. Bernucci P, **Lepidi S**, Di Gioia C, Cavallaro A, Gallo P (1995). Effects of cyclosporin on intimal hyperplasia in an experimental model histomorphometric study. *MODERN PATHOLOGY*, vol. 8, p. 30A.
  80. Sterpetti AV, Cucina A, Fragale A, **Lepidi S**, Cavallaro A, Santoro D'Angelo L. Shear stress influences the release of platelet-derived growth-factor and basic fibroblast growth-factor by arterial smooth-muscle cells. *EUROPEAN JOURNAL OF VASCULAR SURGERY*, 1994;8:138-142.
  81. Bernucci P, **Lepidi S**, Digioia C, Cavallaro A, Gallo P. Effects of cyclosporine on intimal hyperplasia in an experimental-model - preliminary-results. *LABORATORY INVESTIGATION*, 1994;70:A26.

82. Bernucci P, **Lepidi S**, Di Gioia C, Cavallaro A, Gallo P. Effects of cyclosporin on intimal hyperplasia in an experimental model: Preliminary results. MODERN PATHOLOGY, 1994;7: 26A.
83. Schmitz-Rixen T, **Lepidi S**, Hamilton G. Compliance: A critical parameter for maintenance of arterial reconstruction? ANNALI ITALIANI DI CHIRURGIA, 1993;64:15-27.
84. Alessandroni L, Duranti N, Nardi S, Baiano G, **Lepidi S**, Tersigni R. [Adrenal myelolipoma. A case report and review of the literature]. FT Mielolipoma del surrene. Presentazione di un caso e revisione della letteratura. MINERVA CHIRURGICA, 1992;47:1571- 1579.
85. Picchio M, **Lepidi S**, Stipa F, Alessandroni L, Baiano G, Tersigni R. [Leiomyoma associated with esophageal diverticulosis]. FT Leiomioma associato a diverticolo esofageo. MINERVA CHIRURGICA, 1992;47:1015-1017.
86. **Lepidi S**, Schmitz-Rixen T, Berwanger C, van Swyndregt A D, Addicks K. [Causes of subintimal hyperplasia in organ transplantation]. FT Ursachen der subintimalen Hyperplasie bei Organtransplantationen. VASA, 1992;35:120-122.
87. Sapienza P, Di Marzo L, Bernucci P, Gallo P, Sciacca V, Mingoli A, **Lepidi S**, Cavallaro A. Inflammatory aneurysms of the abdominal aorta [GLI ANEURISMI INFIAMMATORI DELL'AORTA ADDOMINALE]. CHIRURGIA, 1992;5:81-85.
88. **Lepidi S**, Mingoli A, Di Marzo L, Sciacca V, Maldini G, Sapienza P, Cavallaro A. IL BYPASS FEMORO-FEMORALE CROSS-OVER. RISULTATI DI UNA ESPERIENZA DI 17 ANNI | [Femoro-femoral cross-over graft]. CHIRURGIA, 1992;5:724-730.
89. Di Marzo L, Cavallaro A, Sciacca V, **Lepidi S**, Marmorale A, Tamburelli A, Stipa S. Diagnosis of popliteal artery entrapment syndrome - the role of duplex scanning. JOURNAL OF VASCULAR SURGERY, 1991;13:434-438.
90. Di Marzo L, Sciacca V, Mingoli A, Cisternino S, **Lepidi S**, Cavallaro A (). Surgical treatment of aneurysms of the abdominal aorta. Consecutive experience for 12 years [Il trattamento chirurgico degli aneurismi dell'aorta addominale. Una esperienza consecutiva di 12 anni.]. ANNALI ITALIANI DI CHIRURGIA, 1989;60: 109-112.