

CURRICULUM VITÆ

Personal Details

Roberto Ferraresi Place and Date of Birth: Milan, Italy, 15th August 1956
Nationality: Italian
Home Address: Milano (MI-20147), Italy, Via Tommaso Gulli 19
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Educational background

1982 Medical Doctor Degree
University of Milan, Italy

1987 Post-graduated Medical School in Internal Medicine
University of Pavia, Italy

Employment

1984 – 1986 Hematology Dpt, , I.R.C.C.S. Fondazione Ospedale Maggiore, Mangiagalli e Regina Elena, Milano

1986 – 1989 Emergency Dpt, Ospedale di Cuggiono, Milano

1989 – 2004 Cardiology Dpt, Ospedale di Magenta, Milano

2004 – 2009 Cardiology Dpt, I.R.C.C.S. Fondazione Ospedale Maggiore, Mangiagalli e Regina Elena, Milano

2009 – 2014 Head of the Peripheral Interventional CathLab, Cardiology Dpt, Istituto Clinico Città Studi, Milano

2014 – 2019 Head of the Peripheral Interventional CathLab and Scientific Director of the Diabetic Foot Unit Humanitas Gavazzeni, Bergamo

2020 – present Head of the Peripheral Interventional CathLab and Scientific Director of the Diabetic Foot Unit, Clinica San Carlo, Paderno Dugnano, Milano

Professional Activity

1997 – Present Procedure performed as the first operator:

- 152 pacemaker implantations
- 2000 coronary angiographies
- 1000 percutaneous coronary interventions
- 12.000 peripheral angiographies
- >10000 percutaneous peripheral interventions (95% CLTI patients)

Research

Fields Faculty member in many international congresses such as VEITH, LINC, CACSV, SITE, CIRSE, EWMA, Charing Cross, DLS

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Milano, December 21st 2023



Roberto Ferraresi

Scientific Publications

1.	Endovascular and Surgical Venous Arterialization for No-Option Patients With Chronic Limb-Threatening Ischemia: A Systematic Review and Meta-Analysis. Ucci A, Perini P, Freyrie A, Schreve MA, Ünlü Ç, Huizing E, van den Heuvel DA, Kum S, Shishehbor MH, Ferraresi R. J Endovasc Ther. 2023 Nov 27;15266028231210220. doi: 10.1177/15266028231210220. Online ahead of print.
2.	The Elephant in the Room. Piaggese A, Ferraresi R, Gargiulo M. Int J Low Extrem Wounds. 2023 Jul 31;15347346231191229. doi: 10.1177/15347346231191229. Online ahead of print.
3.	Medial Sclerosis-Epidemiology and Clinical Significance. Lanzer P, Ferraresi R. Dtsch Arztebl Int. 2023 May 30;120(21):365-372. doi: 10.3238/arztebl.m2023.0066. PMID: 36978268
4.	International Union of Angiology Position Statement on no-option chronic limb threatening ischemia. Troisi N, D'Oria M, Fernandes E, Fernandes J, Angelides N, Avgerinos E, Liapis C, Hussein E, Sen I, Gloviczki P, Poredos P, Pandey S, Biscetti F, Juszynski M, Zlatanovic P, Ferraresi R, Piaggese A, Peinado Cebrian J, Mansilha A, Antignani PL. Int Angiol. 2022 Oct;41(5):382-404
5.	Pedal arterial calcification score is associated with hemodynamic change and major amputation after infrainguinal revascularization for chronic limb-threatening ischemia. Liu IH, Wu B, Krepiy V, El Khoury R, Ferraresi R, Reyzelman AM, Hiramoto JS, Schneider PA, Conte MS, Vartanian SM. J Vasc Surg. 2022 Dec;76(6):1688-1697.e3
6.	Percutaneous Transluminal Angioplasty for Below-the-Elbow Critical Hand Ischemia: A Systematic Review. Awad El-Karim G, Kennedy SA, Ferraresi R, Addas JAK, Oreopoulos GD, Jaber A, Tan KT, Mafeld S. J Endovasc Ther. 2022 Jun;29(3):468-477
7.	Leadless pacemakers as a new alternative for pacemaker lead-related superior vena cava syndrome: A case report. Curnis A, Milidoni A, Arabia G, Bontempi L, Cerini M, Salghetti F, Ahmed A, Ferraresi R, Mitacchione G, Mascioli G. Pacing Clin Electrophysiol. 2022 Sep;45(9):1051-1055
8.	Medial Arterial Calcification: JACC State-of-the-Art Review Lanzer P, Hannan FM, Lanzer JD, Janzen J, Raggi P, Furniss D, Schuchardt M, Thakker R, Fok PW, Saez-Rodriguez J, Millan A, Sato Y, Ferraresi R, Virmani R, St. Hilaire C J Am Coll Cardiol. 2021 Sep 14;78(11):1145-1165
9.	Pedal arterial calcification score is associated with risk of major amputation in chronic limb-threatening ischemia. Liu IH, Wu B, Krepiy V, Ferraresi R, Reyzelman AM, Hiramoto JS, Schneider PA, Conte MS, Vartanian SM.

	J Vasc Surg. 2021 Sep 2:S0741-5214(21)01978-9
10.	Medial Artery Calcification: The Silent Killer of the Leg. Losurdo F, Casini A, Clerici G, <u>Ferraresi R</u> . http://www.acc.org . Jul 12, 2021. https://www.acc.org/latest-in-cardiology/articles/2021/07/12/12/31/medial-artery-calcification .
11.	BAD and SAD-MAC: A New Scenario for CLTI. <u>Ferraresi R</u> , Ucci A, Casini A, Montero-Baker M. http://www.acc.org . Mar 04, 2021. https://www.acc.org/latest-in-cardiology/articles/2021/03/04/14/34/bad-and-sad-mac
12.	Association of infrapopliteal medial arterial calcification with lower-limb amputations in high-risk patients: A systematic review and meta-analysis. Losurdo F, <u>Ferraresi R</u> , Ucci A, Zanetti A, Clerici G, Zambon A. Vasc Med. 2021 Apr;26(2):164-173
13.	GLASS (Global Limb Anatomic Staging System) a critical appraisal. <u>Ferraresi R</u> , Ucci A, Casini A, Caminiti M, Minnella D, Clerici G, Montero-Baker M. J Cardiovasc Surg (Torino). 2021 Apr;62(2):98-103
14.	A Novel Scoring System for Small Artery Disease and Medial Arterial Calcification Is Strongly Associated With Major Adverse Limb Events in Patients With Chronic Limb-Threatening Ischemia. <u>Ferraresi R</u> , Ucci A, Pizzuto A, Losurdo F, Caminiti M, Minnella D, Casini A, Clerici G, Montero-Baker M, Mills J. J Endovasc Ther. 2021 Apr;28(2):194-207
15.	Foot Angiosomes: Instructions for Use. <u>Ferraresi R</u> , Clerici G, Casini A, Ucci A, Caminiti MS, Minnella D, Frykberg RG. Int J Low Extrem Wounds. 2020 Dec;19(4):293-304
16.	High-pressure, non compliant balloon angioplasty for long and calcified infrapopliteal and inframalleolar lesions is feasible. Huizing E, Kum S, Adams G, <u>Ferraresi R</u> , De Vries JPM, Ünlü Ç. Int Angiol. 2020 Oct;39(5):390-397
17.	Below-the-Ankle Angioplasty in Patients with Critical Limb Ischemia: A Systematic Review and Meta-Analysis. Huizing E, Schreve MA, de Vries JPM, <u>Ferraresi R</u> , Kum S, Ünlü Ç. J Vasc Interv Radiol. 2019 Sep;30(9):1361-1368
18.	Global Vascular Guidelines on the Management of Chronic Limb-Threatening Ischemia. Conte MS, Bradbury AW, Kolh P, White JV, Dick F, Fitridge R, Mills JL, Ricco JB, Suresh KR, Murad MH, Aboyans V, Aksoy M, Alexandrescu VA, Armstrong D, Azuma N, Belch J, Bergoeing M, Bjorck M, Chakfé N, Cheng S, Dawson J, Debus ES, Dueck A, Duval S, Eckstein HH, <u>Ferraresi R</u> , Gambhir R, Garguilo M, Geraghty P, Goode S, Gray B, Guo W, Gupta PC, Hinchliffe R, Jetty P, Komori K, Lavery L, Liang W, Lookstein R, Menard M, Misra S, Miyata T, Moneta G, Munoa Prado JA, Munoz A, Paolini JE, Patel M, Pomposelli F, Powell R, Robless P, Rogers L, Schanzer A, Schneider P, Taylor S, De Ceniga MV, Veller M, Vermassen F, Wang J, Wang S; GVG Writing Group for the Joint Guidelines of the Society for Vascular Surgery (SVS), European Society for Vascular Surgery (ESVS), and World Federation of Vascular Societies (WFVS).

	Eur J Vasc Endovasc Surg. 2019 Jul;58(1S):S1-S109.e33.
19.	Global Vascular Guidelines on the Management of Chronic Limb-Threatening Ischemia. Conte MS, Bradbury AW, Kolh P, White JV, Dick F, Fitridge R, Mills JL, Ricco JB, Suresh KR, Murad MH, Aboyans V, Aksoy M, Alexandrescu VA, Armstrong D, Azuma N, Belch J, Bergoeing M, Bjorck M, Chakfé N, Cheng S, Dawson J, Debus ES, Dueck A, Duval S, Eckstein HH, <u>Ferraresi R</u>, Gambhir R, Garguilo M, Geraghty P, Goode S, Gray B, Guo W, Gupta PC, Hinchliffe R, Jetty P, Komori K, Lavery L, Liang W, Lookstein R, Menard M, Misra S, Miyata T, Moneta G, Munoa Prado JA, Munoz A, Paolini JE, Patel M, Pomposelli F, Powell R, Robless P, Rogers L, Schanzer A, Schneider P, Taylor S, De Ceniga MV, Veller M, Vermassen F, Wang J, Wang S; GVG Writing Group for the Joint Guidelines of the Society for Vascular Surgery (SVS), European Society for Vascular Surgery (ESVS), and World Federation of Vascular Societies (WFVS). J Vasc Surg. 2019 Jun;69(6S):3S-125S.e40
20.	Hybrid Foot Vein Arterialization in No-Option Patients With Critical Limb Ischemia: A Preliminary Report <u>Ferraresi R</u>, Casini A, Losurdo F, Caminiti M, Ucci A, Longhi M, Schreve M, Lichtenberg M, Kum S, Clerici G J Endovasc Ther. 2019 Feb;26(1):7-17.
21.	Anterolateral retrograde access to the distal popliteal artery and to the tibioperoneal trunk for recanalization of femoropopliteal chronic total occlusions. Silvestro M, Palena LM, Manzi M, Gómez-Jabalera E, Vishwanath D, Casini A, <u>Ferraresi R</u>. J Vasc Surg 2018;68:1824-32
22.	Multidisciplinary approach to diabetic foot: a challenge of expertises. <u>Ferraresi R</u>, Casini A, Caminiti M, Losurdo F, Clerici G. G Ital Cardiol (Rome) 2018;19:495-503
23.	Percutaneous Deep Venous Arterialization for Severe Critical Limb Ischemia in Patients With No Option of Revascularization: Early Experience From Two European Centers. Del Giudice C, Van Den Heuvel D, Wille J, Mirault T, Messas E, <u>Ferraresi R</u>, Kum S, Sapoval M. Cardiovasc Intervent Radiol 2018;41:1474-80
24.	BAD transmission and SAD distribution: a new scenario for critical limb ischemia. <u>Ferraresi R</u>, Mauri G, Losurdo F, Troisi N, Brancaccio D, Caravaggi C, Neri L. J Cardiovasc Surg (Torino) 2018;59:655-64
25.	Percutaneous deep venous arterialization in patients with critical limb ischemia. Kum S, Huizing E, Schreve MA, Ünlü Ç, <u>Ferraresi R</u>, Samarakoon LB, van den Heuvel DA. J Cardiovasc Surg (Torino) 2018;59:665-9
26.	Peripheral arterial disease in diabetic patients: a long-term population-based study on occurrence, outcomes and cost. Marone EM, Cozzolino P, Ciampichini R, Chiodini V, <u>Ferraresi R</u>, Rinaldi LF, Mantovani LG, Cesana G. J Cardiovasc Surg (Torino) 2018;59:572-9
27.	Surgical and endovascular venous arterialization for treatment of critical limb ischaemia. Lichtenberg M, Schreve MA, <u>Ferraresi R</u>, van den Heuvel DAF, Ünlü Ç, Cabane V, Kum S. Vasa. 2018 Jan;47(1):17-22

28.	Midterm Outcomes From a Pilot Study of Percutaneous Deep Vein Arterialization for the Treatment of No-Option Critical Limb Ischemia. Kum S, Tan YK, Schreve MA, <u>Ferraresi R</u> , Varcoe RL, Schmidt A, Scheinert D, Mustapha JA, Lim DM, Ho D, Tang TY, Alexandrescu VA, Mutirangura P. J Endovasc Ther. 2017 Oct;24(5):619-626
29.	Upper limb ischemia: an uncommon clinical situation? Danzi GB, <u>Ferraresi R</u> . Minerva Cardioangiol. 2016 Dec;64(6):610-12
30.	Upper limb ischemia: an uncommon clinical situation? Danzi GB, <u>Ferraresi R</u> . Minerva Cardioangiol. 2016 Dec;64(6):612-4
31.	Endovascular treatment of below-the-elbow arteries in critical hand ischemia. Gandini R, Fabiano S, Morosetti D, Merolla S, Mauri G, <u>Ferraresi R</u> . Minerva Cardioangiol. 2016 Dec;64(6):662-71
32.	Angiographic study of upper limb vascularization in a large cohort of hemodialysis patients with critical hand ischemia. <u>Ferraresi R</u> , Acuna-Valerio J, Ferraris M, Fresa M, Hamade M, Danzi GB, Gandini R, Mauri G. Minerva Cardioangiol. 2016 Dec;64(6):642-7
33.	Radiological anatomy of upper limb arteries and their anatomical variability: implications for endovascular treatment in critical hand ischemia. Mauri G, Fresa M, Ferraris M, Acuna-Valerio J, Hamade M, DI Luca G, Danzi GB, <u>Ferraresi R</u> . Minerva Cardioangiol. 2016 Dec;64(6):613-24
34.	Upper limb ischemia from arterial thromboembolism: a comprehensive review of incidence, aetiology, clinical aspects, diagnostic tools, treatment options and prognosis. Chisari A, Pistrutto AM, Bellosta R, <u>Ferraresi R</u> , Danzi GB. Minerva Cardioangiol. 2016; Dec;64(6):625-34
35.	Square, Random Fasciocutaneous Plantar Flaps for Treating Noninfected Diabetic Plantar Ulcers: A Patient Series. Caravaggi CM, Sganzeroli AB, Bona F, Galenda P, <u>Ferraresi R</u> , Gherardi P, Reho A. J Foot Ankle Surg. 2016 Sept-Oct;55(5):1100-5
36.	Guidewires for lower extremity artery angioplasty: a review. Lorenzoni R, <u>Ferraresi R</u> , Manzi M, Roffi M. EuroIntervention. 2015 Nov 22;11(8):799-807
37.	Hydrodynamic boost: a novel re-entry technique in subintimal angioplasty of below-the-knee vessels. <u>Ferraresi R</u> , Hamade M, Gallicchio V, Troisi N, Mauri G. Eur Radiol. 2015 Nov 11. [Epub ahead of print]
38.	Epidemiology and Costs of Peripheral Arteriopathy In Diabetic Patients: A Population-Based Study. Ciampichini R, De Giglio R, <u>Ferraresi R</u> , Marone EM, Chiodini V, Mantovani LG, Cesana G. Value Health. 2015 Nov;18(7):A619-20
39.	Drug-Eluting Balloons to Treat Iliac in-Stent Restenosis. Troisi N, Ercolini L, Peretti E, <u>Ferraresi R</u> , Piti A, Setti M, Michelagnoli S.

	Ann Vasc Surg. 2015 Aug;29(6):1315.e3-6
40.	Regional implantation of autologous adipose tissue-derived cells induces a prompt healing of long-lasting indolent digital ulcers in patients with Systemic Sclerosis. Papa ND, Luca GD, Sambataro D, Zaccara E, Maglione W, Gabrielli A, Fraticelli P, Moroncini G, Beretta L, Santaniello A, Sambataro G, <u>Ferraresi R</u> , Vitali C. Cell Transplant. 2015;24(11):2297-305
41.	Primary PCI for the Treatment of Ectatic Infarct-Related Coronary Artery. Campanile A, Sozzi FB, Consonni D, Piscione F, Sganzerla P, Indolfi C, Stabile A, Migliorini A, Antoniucci D, <u>Ferraresi R</u> , Boccuzzi G, Danzi GB. Minerva Cardioangiol. 2014 Aug;62(4):327-33
42.	Treatment of peripheral arterial disease in diabetes a consensus of the italian societies of diabetes (SID, AMD), radiology (SIRM) and vascular endovascular surgery (SICVE). Aiello A, Anichini R, Brocco E, Caravaggi C, Chiavetta A, Cioni R, Da Ros R, De Feo E, <u>Ferraresi R</u> , Florio F, Gargiulo M, Galzerano G, Gandini R, Giurato L, Graziani L, Mancini L, Manzi M, Modugno P, Setacci C, Uccioli L. Nutr Metab Cardiovasc Dis 2014;24:355-69
43.	Management of ischemic diabetic foot. Caravaggi C, <u>Ferraresi R</u> , Bassetti M, Sganzaroli AB, Galenda P, Fattori S, De Prisco R, Simonetti D, Bona F. J Cardiovasc Surg (Torino) 2013;54:737-54
44.	Tips and tricks for a correct "endo approach". <u>Ferraresi R</u> , Palena LM, Mauri G, Manzi M. J Cardiovasc Surg (Torino) 2013;54:685-711
45.	Acute Coronary Syndrome in Pre- and Post-partum Women – A Review. Aprigliano G, Palloschi A, Morici N, <u>Ferraresi R</u> , Bianchi M, Anzuini A. Interv Cardiol Rev 2013;8:8-13
46.	The Management of Diabetic Foot. Caravaggi C, Sganzaroli A, Galenda P, Bassetti M, <u>Ferraresi R</u> , Gabrielli L. Curr Diabetes Rev 2013;9:7-24
47.	First use of drug-eluting balloon for below-the-elbow artery occlusion in a hemodialysis patient: a 3-year follow-up. <u>Ferraresi R</u> , Fattori SM, Cornacchiari M, Palloschi A. J Vasc Access 2013;14:202-3
48.	Long-term Follow-up of Tibiocalcaneal Arthrodesis in Diabetic Patients with Early Chronic Charcot Osteoarthropathy. Caravaggi CM, Sganzaroli AB, Galenda P, Balaudo M, Gherardi P, Simonetti D, <u>Ferraresi R</u> , Farnetti A, Morandi A. J Foot Ankle Surg 2012;51:408-11
49.	Advances in below-the-knee drug-eluting balloons. <u>Ferraresi R</u> , Centola M, Biondi-Zoccai G. J Cardiovasc Surg (Torino) 2012;53:205-13

50.	Angioplasty of below-the-elbow arteries in critical hand ischemia. <u>Ferraresi R</u> , Pallosi A, Aprigliano G, Caravaggi C, Centola M, Sozzi F, Danzi GB, Manzi M. Eur J Vasc Endovasc Surg 2012;43:73-80
51.	Vascular anatomy of the foot: the first step toward pedal recanalization. Manzi M, Cester G, Palena LM, Alek J, Candeo A, <u>Ferraresi R</u> . Radiographics 2011;31:1623-36
52.	A new device to seal large coronary aneurysms: a case report. Danzi GB, Pomidossi GA, Casolo F, Centola M, <u>Ferraresi R</u> , Lotan C. J Med Case Reports 2010;4:238
53.	Dialysis access pseudoaneurysm: endovascular treatment with a covered stent. Centola M, <u>Ferraresi R</u> , Danzi GB. BMJ Case Report 2010 BMJ Case Rep 2010 Oct 31;2010
54.	Safety and efficacy of a dermal substitute in the coverage of cancellous bone after surgical debridement for severe diabetic foot ulceration. Caravaggi C, Sganzeroli AB, <u>Ferraresi R</u> . Eur Wound Management Association Journal 2009;9:11-4
55.	Long-term outcomes after angioplasty of isolated below-the-knee arteries in diabetic patients with critical limb ischemia. <u>Ferraresi R</u> , Centola M, Ferlini M, Da Ros R, Caravaggi C, Assaloni R, Sganzeroli A, Pomidossi G, Bonanomi C, Danzi G. Eur J Vasc Endovasc Surg 2009;37:336-42
56.	Multiple cardiac rhabdomyomas at routine fetal ultrasonography. Danzi GB, Ferlini M, Rizzuti T, <u>Ferraresi R</u> , Parazzini C, Centola M, Colli AM. Minerva Cardioangiol 2008;56:259
57.	Side-by-side stenting technique to recanalise a complete in-stent occlusion of the superficial femoral artery. <u>Ferraresi R</u> , Ferlini M, Pomidossi G, Sozzi F, Bonanomi C, Danzi GB. J Cardiovasc Med (Hagerstown) 2007;8:965-6
58.	Nonwindowed Nonremovable Fiberglass Off-Loading Cast Versus Removable Pneumatic Cast (AircastXP Diabetic Walker) in the Treatment of Neuropathic Noninfected Plantar Ulcers, A randomized prospective trial. Caravaggi C, Sganzeroli A, Fabbi M, Cavaiani P, Pogliaghi I, <u>Ferraresi R</u> , Capello F, Morabito A. Diabetes Care 2007;30:2577-8
59.	Percutaneous Transluminal Angioplasty for treatment of Critical Hand Ischemia. <u>Ferraresi R</u> , Ferlini M, Sozzi F, Pomidossi G, Caravaggi C, Danzi GB. Circulation 2006;114:e232–e234
60.	Antioxidant system in sickle red cells. Beretta L, Gerli GC, <u>Ferraresi R</u> , Agostoni A, Gualandri V, Orsini GB. Acta Haematol 1983;70:194-7

Book chapters

- [1] Arterial Disease Management in the Limb Salvage Patient: Endovascular and Open Bypass. Siah, M.C., **Ferraresi R.**, Ucci, A., Casini, A., Clerici, G., Akbari, C. (2023). In: Attinger, C.E., Steinberg, J.S. (eds) Functional Limb Salvage. Springer, Cham. https://doi.org/10.1007/978-3-031-27725-2_21
- [2] Indications to revascularization in the ischemic diabetic foot. **Ferraresi R.**, Losurdo F, Iorenzoni R, Ferraris M, Caminiti MS, Casini A. "The diabetic foot syndrome" editors Piaggese A, Apelqvist J. Frontiers in diabetes. Ed. M. Porta, Vol 26 2017, Karger
- [3] Endovascular Interventions in Diabetic Foot Care. Orron DE, **Ferraresi R.**, Belenky A, Manzi M. Book title: Peripheral Vascular Imaging and Endovascular Interventions. Publisher: Jaypee Brothers Medical Publisher. Editors: Ducksoo Kim, Dan Orron, Nilesh Patel, Alik Farber.
- [4] Below the Ankle Peripheral Artery Disease. **Ferraresi R.**, Palena LM, Mauri G, Manzi M. PanVascular Medicine II edition, Lanzer P ed, Springer-Verlag, Heidelberg
- [5] Endovascular treatment of the tibial vessels. **Ferraresi R.**, Palloschi A, Aprigliano G, Biondi-Zoccai G, in "Diabetic foot treatment"; 2012; editor Manzi M, Ed. Minerva Medica, Italy
- [6] Below the elbow occlusive disease: endovascular treatment. **Ferraresi R.**, Palloschi A. in "Handbook of Endovascular Interventions" 2013; editors Amit Kumar and Kenneth Ouriel, Springer
- [7] Drug-eluting balloon technologies and results. How are drug-eluting balloons going to change our practice? **Ferraresi R.**, Aprigliano G, Palloschi A, Frigerio S, Anzuini A. in "Critical limb ischemia: new developments and perspectives", Setacci C. Ed. Minerva Medica, 2010, Italy
- [8] Economic impact of open *versus* endovascular treatment for critical limb ischemia. Domanin M, Molinari A, Sommaruga S, **Ferraresi R.**, Gabrielli L, in "Critical limb ischemia: new developments and perspectives". Setacci C ed. Minerva Medica, 2010, Italy
- [9] La rivascolarizzazione percutanea nel piede diabetico ischemico. **Ferraresi R.**, Aprigliano G, Palloschi A, Anzuini A, in "Il trattamento medico e chirurgico del piede diabetico", Farmaci, suppl Vol 9 - n. 1/2010