

Endarterectomy

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Endarterectomy is a surgical procedure to remove the atheromatous plaque material, or blockage, in the lining of an artery constricted by the buildup of fatty deposits. It is carried out by separating the plaque from the arterial wall. It was first performed on a superficial femoral artery in 1946 by the Portuguese surgeon João Cid dos Santos. In 1951, E. J. Wylie, a north-american, performed it on the abdominal aorta. The first successful reconstruction of the carotid artery was performed by Carrea, Molins, and Murphy in Argentina, later in the same year. The procedure is widely used on the carotid artery of the neck as a way to reduce the risk of stroke, particularly when the carotid artery is narrowed by more than 70%. A carotid endarterectomy may itself cause a stroke at the time of operation, which is why it is not performed prophylactically in asymptomatic patients. Endarterectomy is also used as a supplement to a vein bypass graft to open up distal segments. Some forms of pulmonary hypertension may be amenable to endarterectomy of the pulmonary artery. This is a highly specialized procedure. The term atherectomy is used to describe reconstruction through a catheter. ([From the Wikipedia article Endarterectomy.](#))

Recent Publications on Endarterectomy:



- [Thirty-Day Outcome Following Carotid Artery Stenting: A 10-Year Experience from a Single Center.](#)
We aimed to present our experience with carotid angioplasty and stenting... 13th November, 2009
Fifth Department of Surgery, Medical School, Hippocrateio Hospital,- Cardiovasc Intervent Radiol. 2009 Nov 12. ([DOI Direct Link](#))
- [Carotid Plaque Composition in Chronic Kidney Disease: A Retrospective Analysis of Patients Undergoing Carotid Endarterectomy.](#)
OBJECTIVES: Calcified plaques are suggested to represent atherosclerotic... 13th November, 2009
Department of Vascular Surgery, Klinikum rechts der Isar, Technische- Eur J Vasc Endovasc Surg. 2009 Nov 9. ([DOI Direct Link](#))
- [The Carotid Revascularization Endarterectomy vs. Stenting Trial completes randomization: lessons learned and anticipated results.](#)
The Carotid Revascularization Endarterectomy vs. Stenting Trial (CREST)... 13th November, 2009
Division of Vascular Surgery, University of Maryland Medical Center, USA.- J Vasc Surg. 2009 Nov;50(5):1224-31. ([DOI Direct Link](#))
- [Eversion Carotid Endarterectomy Versus Best Medical Treatment in Symptomatic Patients with Near Total Internal Carotid Occlusion: A Prospective Nonrandomized Trial.](#)
BACKGROUND: We sought to prospectively evaluate clinical effects of... 11th November, 2009
Department of Vascular Surgery, Dedinje Cardiovascular Institute, and- Ann Vasc Surg. 2009 Nov 7. ([DOI Direct Link](#))
- [\[Surgical treatment of atherosclerosis in the lower limbs.\]](#)
Background. Walking exercise, smoking cessation and best medical therapy... 10th November, 2009

- Tidsskr Nor Laegeforen. 2009 Nov 5;129(21):2252-2255. ([DOI Direct Link](#))
- [Differences in Lesion Severity and Cellular Composition between in vivo Assessed Upstream and Downstream Sides of Human Symptomatic Carotid Atherosclerotic Plaques.](#)
*Background: The heterogeneous structure of carotid atherosclerotic plaques...*7th November, 2009
 Sahlgrenska Center for Cardiovascular and Metabolic Research, University- J Vasc Res. 2009 Nov 6;47(3):221-230. ([DOI Direct Link](#))
- [Systematic Review of the Perioperative Risks of Stroke or Death After Carotid Angioplasty and Stenting.](#)
*BACKGROUND AND PURPOSE: Carotid angioplasty and stenting (CAS) has not...*7th November, 2009
 From the Universite Paris Descartes, INSERM U894, Hopital Sainte-Anne,- Stroke. 2009 Nov 5. ([DOI Direct Link](#))
- [Percutaneous transluminal angioplasty and stenting as first-choice treatment in patients with chronic mesenteric ischemia.](#)
*PURPOSE: Open revascularization in patients with chronic mesenteric...*6th November, 2009
 Department of Vascular Surgery, St Antonius Hospital, Nieuwegein, The- J Vasc Surg. 2009 Nov 2. ([DOI Direct Link](#))
- [Ultrasonographic and Perioperative Macroscopic Findings in Acute Carotid Artery Occlusion.](#)
*ABSTRACT BACKGROUND AND PURPOSE Acute ischemic stroke (AIS) may occur both...*6th November, 2009
 From the Stroke Center, Department of Neurology (RH, DS, MK, DS, PH, PK),- J Neuroimaging. 2009 Nov 4. ([DOI Direct Link](#))
- [A case of traumatic internal carotid artery aneurysm secondary to carotid shunting.](#)
*The use of a carotid shunt is a well-accepted method for the prevention of...*3rd November, 2009
 Department of Vascular Surgery, University of Florence, Florence, Italy.- J Vasc Surg. 2009 Oct 29. ([DOI Direct Link](#))
- [Atrial fibrillation is associated with increased risk of perioperative stroke and death from carotid endarterectomy.](#)
*BACKGROUND: Carotid endarterectomy is performed in high volume in the...*3rd November, 2009
 Division of Vascular Surgery, University of Virginia Health System,- J Vasc Surg. 2009 Oct 29. ([DOI Direct Link](#))
- [\[Left atrial myxoma: A rare cause of acute occlusion of the aorta. Case report and review of the literature.\]](#)
*We present an observation of a 42-year-old patient admitted in urgency for...*3rd November, 2009
 Service de chirurgie vasculaire, hopital Ibn Sina, MA-10104 Rabat, Maroc.- J Mal Vasc. 2009 Oct 29. ([DOI Direct Link](#))
- [Carotid Endarterectomy versus Carotid Angioplasty Cui Bono.](#)
*OBJECTIVES: To evaluate the current status of carotid angioplasty (CAS)...*3rd November, 2009
 Division of Vascular Surgery, David Geffen School of Medicine at UCLA, 200- Eur J Vasc Endovasc Surg. 2009 Oct 28. ([DOI Direct Link](#))
- [Detection of common carotid artery stenosis using duplex ultrasonography: A validation study with computed tomographic angiography.](#)
*BACKGROUND: Severe stenosis of the common carotid artery (CCA), while...*3rd November, 2009
 Departments of Cardiology and Vascular Medicine, North Shore Medical- J Vasc Surg. 2009 Oct 29. ([DOI Direct Link](#))
- [Cilostazol reduces restenosis after carotid artery stenting.](#)
*BACKGROUND: Although carotid artery stenting (CAS) has been proposed as an...*3rd November, 2009
 Department of Endovascular Neurosurgery, Toranomon Hospital, Tokyo, Japan.- J Vasc Surg. 2009 Oct 29. ([DOI Direct Link](#))

BioNews Results for Endarterectomy

- [Timing of Carotid Endarterectomy for Patients With Symptomatic High-Grade Stenosis](#)
Abstracts in Hematology and Oncology: Oct 30 2009 12:43PM Matching: endarterectomy
- [Timing of Carotid Endarterectomy for Patients With Symptomatic High-Grade Stenosis](#)
Medscape: Oct 28 2009 7:40PM Matching: endarterectomy
- [Study Suggests Left-Sided Endarterectomy Leads to Poorer Outcomes](#)
TCTMD.com: Oct 21 2009 7:42PM Matching: endarterectomy

Endarterectomy Clinical Trials:



- [Remote Endarterectomy Versus Suprageniculate Femoropopliteal Bypass](#)

Endarterectomy Patents:



- 7476744- [Polymorphic crystalline forms of celecoxib](#)
- 7514238- [Growth factor homolog zveg4](#)
- 7514399- [Bonding tissues and cross-linking proteins with naphthalimide compounds](#)
- 7517352- [Devices for percutaneous remote endarterectomy](#)
- 7517909- [Amino acids with affinity for the .alpha.2.delta.-protein](#)
- 7524973- [Nitrate esters of phenylaminothiophenacetic acid derivatives](#)
- 7530976- [Fluid exchange system for controlled and localized irrigation and aspiration](#)
- 7531544- [Xanthine phosphodiesterase V inhibitors](#)
- 7535228- [Sensor array for nuclear magnetic resonance imaging systems and method](#)
- 7541343- [Inhibiting cellular proliferation by expressing yin yang-1](#)
- 7541375- [Azole derivatives and pharmaceutical compositions containing them](#)
- 7513907- [Expandable stents and method for making same](#)
- 7513876- [Detecting thermal discrepancies in vessel walls](#)
- 7510565- [Emboic protection device](#)
- 7479153- [Endovascular guidewire filter and methods of use](#)
- 7485431- [Identification of a family of secreted proteins in vascular endothelium](#)
- 7491835- [Prodrugs of amino acids with affinity for the .alpha.2.delta.-protein](#)
- 7495024- [Phenylalkyl N-hydroxyureas for combating atherosclerotic plaque](#)
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- 7498359- [Composition and method for preventing recurrence of stroke](#)

- 7501404- [Substituted azetidinones](#)
- 7504113- [Heparin-like compounds, their preparation and use to prevent arterial thrombosis associated with vascular injury and interventions](#)
- 7504497- [Orally bioavailable compounds and methods for inhibiting platelet aggregation](#)
- 7507799- [High affinity ligand for p75 neurotrophin receptor](#)
- 7553845- [Substituted indolizine 1,2,3,6,7,8 derivatives, FGFs inhibitors, a method for the preparation thereof and pharmaceutical compositions containing said derivatives](#)
- 7553923- [Medical devices and applications of polyhydroxyalkanoate polymers](#)
- 7589124- [Nitrosated and/or nitrosylated cyclooxygenase-2 selective inhibitors, compositions and methods of use](#)
- 7592445- [Non-nucleotide composition and method for inhibiting platelet aggregation](#)
- 7597697- [Bypass grafting method](#)
- 7601694- [CLK-peptide and SLK-peptide](#)
- 7601838- [2-Alkyl/aryl sulphonyl-1,2,3,4-tetrahydro-9H-pyrido \(3,4-b\) indole-3-carboxylic acid esters/amides useful as antithrombotic agents](#)
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- 7575589- [Light-emitting device and method for providing phototherapy to the brain](#)
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