

Literaturverzeichnis

- Ambrose JA, Tannenbaum MA, Alexopoulos D, Hjemdahl-Monsen CE, Leavy J, Weiss M, Borrico S, Gorlin R und Fuster V (1988) Angiographic progression of coronary artery disease and the development of myocardial infarction. J Am Coll Cardiol **12**(1): 56-62.
- Brix G (1992) Bildgebungssequenzen und Bildkontraste. In: Magnetresonanztomographie. M Reiser (Hrsg.) Berlin, Springer-Verlag. Band: 38-63.
- Fayad ZA und Fuster V (2001) The human high-risk plaque and its detection by magnetic resonance imaging. Am J Cardiol **88**(2 Suppl 1): 42-5.
- Fuster V (1994) Mechanisms leading to myocardial infarction: insights from studies of vascular biology. Circulation **90**(4): 2126-46.
- Fuster V (1999) Plaque Stabilization: Present and Future Trends. In: The vulnerable Atherosclerotic Plaque: Understanding, Identification, and Modification. V Fuster (Hrsg.) Armonk, NY, American Heart Association. Band: 393-412.
- Fuster V, Fallon JT, Badimon JJ und Nemerson Y (1997) The unstable atherosclerotic plaque: clinical significance and therapeutic intervention. Thromb Haemost **78**(1): 247-55.
- Galis ZS, Sukhova GK, Lark MW und Libby P (1994) Increased expression of matrix metalloproteinases and matrix degrading activity in vulnerable regions of human atherosclerotic plaques. J Clin Invest **94**(6): 2493-503.
- Glagov S, Weisenberg E, Zarins CK, Stankunavicius R und Kolettis GJ (1987) Compensatory enlargement of human atherosclerotic coronary arteries. N Engl J Med **316**(22): 1371-5.
- Hatsukami TS, Ross R, Polissar NL und Yuan C (2000) Visualization of fibrous cap thickness and rupture in human atherosclerotic carotid plaque in vivo with high-resolution magnetic resonance imaging. Circulation **102**(9): 959-64.
- Herfkens RJ, Higgins CB, Hricak H, Lipton MJ, Crooks LE, Sheldon PE und Kaufman L (1983) Nuclear magnetic resonance imaging of atherosclerotic disease. Radiology **148**(1): 161-6.

- Hueb WA, Bellotti G, de Oliveira SA, Arie S, de Albuquerque CP, Jatene AD und Pileggi F (1995) The Medicine, Angioplasty or Surgery Study (MASS): a prospective, randomized trial of medical therapy, balloon angioplasty or bypass surgery for single proximal left anterior descending artery stenoses. J Am Coll Cardiol **26**(7): 1600-5.
- Levine GN, Keaney JF, Jr. und Vita JA (1995) Cholesterol reduction in cardiovascular disease. Clinical benefits and possible mechanisms. N Engl J Med **332**(8): 512-21.
- Mann JM und Davies MJ (1996) Vulnerable plaque. Relation of characteristics to degree of stenosis in human coronary arteries. Circulation **94**(5): 928-31.
- Metz CE (1978) Basic principles of ROC analysis. Semin Nucl Med **8**(4): 283-98.
- Metz CE (1986) ROC methodology in radiologic imaging. Invest Radiol **21**(9): 720-33.
- Metz CE (1989) Some practical issues of experimental design and data analysis in radiological ROC studies. Invest Radiol **24**(3): 234-45.
- Meyer R (1999) Arteriosklerose. In: Pathologie. W Remmele (Hrsg.) Berlin Heidelberg, Springer. Band 1: 284-293.
- Ross R (1993) The pathogenesis of atherosclerosis: a perspective for the 1990s. Nature **362**(6423): 801-9.
- Ross R (1999) Atherosclerosis - an inflammatory disease. N Engl J Med **340**(2): 115-26.
- Ruehm SG, Corot C, Vogt P, Kolb S und Debatin JF (2001) Magnetic resonance imaging of atherosclerotic plaque with ultrasmall superparamagnetic particles of iron oxide in hyperlipidemic rabbits. Circulation **103**(3): 415-22.
- Schmitz SA, Coupland SE, Gust R, Winterhalter S, Wagner S, Kresse M, Semmler W und Wolf KJ (2000) Superparamagnetic Iron Oxide-Enhanced MRI of Atherosclerotic Plaques in Watanabe Hereditary Hyperlipidemic Rabbits. Invest Radiol **35**(8): 460-471.
- Schmitz SA, Taupitz M, Wagner S, Wolf KJ, Beyersdorff D und Hamm B (2001) Magnetic resonance imaging of atherosclerotic plaques using superparamagnetic iron oxide particles. J Magn Reson Imaging **14**(4): 355-61.
- Stary HC, Blankenhorn DH, Chandler AB, Glagov S, Insull W, Jr., Richardson M, Rosenfeld ME, Schaffer SA, Schwartz CJ, Wagner WD und et al. (1992) A

- definition of the intima of human arteries and of its atherosclerosis-prone regions. A report from the Committee on Vascular Lesions of the Council on Arteriosclerosis, American Heart Association. Circulation **85**(1): 391-405.
- Stary HC, Chandler AB, Dinsmore RE, Fuster V, Glagov S, Insull W, Jr., Rosenfeld ME, Schwartz CJ, Wagner WD und Wissler RW (1995) A definition of advanced types of atherosclerotic lesions and a histological classification of atherosclerosis. A report from the Committee on Vascular Lesions of the Council on Arteriosclerosis, American Heart Association. Arterioscler Thromb Vasc Biol **15**(9): 1512-31.
- Stehbens WE (1995) Atherosclerosis and degenerative disease of blood vessels. In: Vascular Pathology. WE Stehbens (Hrsg.) London, Chapman & Hall. Band: 175-268.
- Swets JA (1979) ROC analysis applied to the evaluation of medical imaging techniques. Invest Radiol **14**(2): 109-21.
- Toussaint JF (1998) Atherosclerotic plaque assessment by NMR. Magma **6**(2-3): 135-6.
- Toussaint JF, LaMuraglia GM, Southern JF, Fuster V und Kantor HL (1996) Magnetic resonance images lipid, fibrous, calcified, hemorrhagic, and thrombotic components of human atherosclerosis in vivo. Circulation **94**(5): 932-8.
- Toussaint JF, Southern JF, Fuster V und Kantor HL (1995) T2-weighted contrast for NMR characterization of human atherosclerosis. Arterioscler Thromb Vasc Biol **15**(10): 1533-42.
- Vallabhajosula S (1999) Radioisotopic imaging of atheroma. In: The vulnerable Atherosclerotic Plaque: Understanding, Identification, and Modification. V Fuster (Hrsg.) Armonk, New York, American Heart Association. Band: 213-230.
- Vallabhajosula S und Fuster V (1997) Atherosclerosis: imaging techniques and the evolving role of nuclear medicine. J Nucl Med **38**(11): 1788-96.
- Weissleder R, Elizondo G, Wittenberg J, Rabito CA, Bengele HH und Josephson L (1990) Ultrasmall superparamagnetic iron oxide: characterization of a new class of contrast agents for MR imaging. Radiology **175**(2): 489-93.

- Yuan C, Beach KW, Smith LH, Jr. und Hatsukami TS (1998) Measurement of atherosclerotic carotid plaque size in vivo using high resolution magnetic resonance imaging. Circulation **98**(24): 2666-71.
- Yuan C, Petty C, O'Brien KD, Hatsukami TS, Eary JF und Brown BG (1997) In vitro and in situ magnetic resonance imaging signal features of atherosclerotic plaque-associated lipids. Arterioscler Thromb Vasc Biol **17**(8): 1496-503.