

## 7. Literaturverzeichnis

- Acland, R.** (1973), 'Thrombus formation in microvascular surgery: an experimental study of the effects of surgical trauma', *Surgery*, 73, 5, 766-71.
- Bloch, F., Hansen, W. and Packard, M.** (1946), 'Nuclear Induction', *Phys Rev*, 69, 127.
- Bollinger, A.** (1987), 'Die tiefe Venenthrombose.', *Internist (Berl)*, 28, 5, 283-4.
- Bollow, M., Taupitz, M., Hamm, B., Staks, T., Wolf, K.J. and Weinmann, H.J.** (1997), 'Gadolinium-ethoxybenzyl-DTPA as a hepatobiliary contrast agent for use in MR cholangiography: results of an in vivo phase-I clinical evaluation', *Eur Radiol*, 7, 1, 126-32.
- Breddin, Gross and Rotter** (1981), *Thrombosemodelle am Tier Prostaglandine und Thrombogenese 15. Angiologisches Symposium, Kitzbühl Verhandlungsbericht*, Stuttgart, Schattauer.
- Breddin, H.K.** (2000), 'Zur Pathophysiologie und Pathogenese venöser Thromben', in A. Encke, H.K.B. (ed.), *Die venöse Thrombose*, Stuttgart, New York, Schattauer.
- Brurok, H., Ardenkjaer-Larsen, J.H., Hansson, G., Skarra, S., Berg, K., Karlsson, J.O., Laursen, I. and Jynge, P.** (1999), 'Manganese dipyridoxyl diphosphate: MRI contrast agent with antioxidative and cardioprotective properties?', *Biochem Biophys Res Commun*, 254, 3, 768-72.
- Caramella, D., Jin, X.N., Mascalchi, M., Agen, C., Petrucci, P., Kresse, M., Bianucci, D., Ceretti, E., Semmler, W. and Bartolozzi, C.** (1996), 'Liver and spleen enhancement after intravenous injection of carboxydextran magnetite: effect of dose, delay of imaging, and field strength in an ex vivo model', *Magma*, 4, 3-4, 225-30.
- Chambon, C., Clement, O., Le Blanche, A., Schouman Claeys, E. and Frija, G.** (1993), 'Superparamagnetic iron oxides as positive MR contrast agents: in vitro and in vivo evidence', *Magn Reson Imaging*, 11, 4, 509-19.
- Cherian, S.M., Bobryshev, Y.V., Inder, S.J., Lord, R.S. and Ashwell, K.W.** (1999), 'Dendritic cells in venous pathologies', *Angiology*, 50, 5, 393-402.
- Clarke, S.E., Weinmann, H.J., Dai, E., Lucas, A.R. and Rutt, B.K.** (2000), 'Comparison of two blood pool contrast agents for 0.5-T MR angiography: experimental study in rabbits', *Radiology*, 214, 3, 787-94.
- Collen, D., Stassen, J.M. and Verstraete, M.** (1983), 'Thrombolysis with human extrinsic (tissue-type) plasminogen activator in rabbits with experimental jugular vein thrombosis. Effect of molecular form and dose of activator, age of the thrombus, and route of administration', *J Clin Invest*, 71, 2, 368-76.
- Damadian, R.** (1977), 'Nuclear magnetic resonance: a noninvasive approach to cancer', *Hosp Pract*, 12, 63-70.
- de Cossart, L. and Marcuson, R.W.** (1983), 'Vascular plasminogen activator and deep vein thrombosis', *Br J Surg*, 70, 6, 369-70.
- Diehm, C., Stammler, F. and Amendt, K.** (1997), 'Die tiefe Venenthrombose Diagnostik und Therapie', *Dt. Ärztebl.*, 94, A, 301-311.

- Dol, F., Petitou, M., Lormeau, J.C., Choay, J., Caranobe, C., Sie, P., Saivin, S., Houin, G. and Boneu, B.** (1990), 'Pharmacologic properties of a low molecular weight dermatan sulfate: comparison with unfractionated dermatan sulfate', *J Lab Clin Med*, 115, 1, 43-51.
- Doutremepuich, C., Gestreau, J.L., Maury, M.O., Quilichini, R., Boisseau, M.R., Toulemonde, F. and Vairel, E.** (1983), 'Experimental venous thrombosis in rats treated with heparin and a low molecular weight heparin fraction', *Haemostasis*, 13, 2, 109-12.
- Duckert, F., Muller, G., Nyman, D., Benz, A., Prisender, S., Madar, G., Da Silva, M.A., Widmer, L.K., Schmitt, H.E., Just, M., Buchwald, A.B., Werner, G.S., Stille-Siegener, M. and Kreuzer, H.** (1975), 'Treatment of deep vein thrombosis with streptokinase', *Br Med J*, 1, 5956, 479-81.
- Ehringer, H. and Minar, E.** (1987), 'Die Therapie der akuten Becken-Bein-Venenthrombose.', *Internist (Berl)*, 28, 5, 317-35.
- Ferris, E.J.** (1992), 'George W. Holmes Lecture. Deep venous thrombosis and pulmonary embolism: correlative evaluation and therapeutic implications', *AJR Am J Roentgenol*, 159, 6, 1149-55.
- Fleige, G., Seeberger, F., Laux, D., Kresse, M., Taupitz, M., Pilgrimm, H. and Zimmer, C.** (2002), 'In vitro characterization of two different ultrasmall iron oxide particles for magnetic resonance cell tracking', *Invest Radiol*, 37, 9, 482-8.
- Gottlob and R., M.** (1954), 'Experimental thrombosis similiary clinicals conditions produced on the hind-legs of minor laboratooy animals.', *Angiology*, 5, 1, 307-311.
- Hamm, B., Laniado, M. and Saini, S.** (1990), 'Contrast-enhanced magnetic resonance imaging of the abdomen and pelvis', *Magn Reson Q*, 6, 2, 108-35.
- Hamm, B., Vogl, T.J., Branding, G., Schnell, B., Taupitz, M., Wolf, K.J. and Lissner, J.** (1992), 'Focal liver lesions: MR imaging with Mn-DPDP--initial clinical results in 40 patients [see comments]', *Radiology*, 182, 1, 167-74.
- Hayden, R.E., McLear, P.W., Phillips, J.G. and Dawson, S.M.** (1989), 'Thrombolysis with systemically administered t-PA in a new venous thrombosis model', *Laryngoscope*, 99, 1, 100-4.
- Hindre, F., Le Plouzennec, M., de Certaines, J.D., Foultier, M.T., Patrice, T. and Simonneaux, G.** (1993), 'Tetra-p-aminophenylporphyrin conjugated with Gd-DTPA: tumor-specific contrast agent for MR imaging', *J Magn Reson Imaging*, 3, 1, 59-65.
- Hobson, R.W., 2nd, Mintz, B.L., Jamil, Z., Breitbart, G.B., Baxter, B.T., Blackburn, D., Payne, K., Pearce, W.H. and Yao, J.S.** (1990), 'Diagnosis of acute deep venous thrombosis', *Surg Clin North Am*, 70, 1, 143-57.
- Holleman, A. and Wiberg, E.** (1995), *Lehrbuch der Anorganischen Chemie* (101. verb. und stark erweiterte Auflage Edition), Berlin, de Gruyter.
- Jeong, A.K., Choi, S.I., Kim, D.H., Park, S.B., Lee, S.S., Choi, S.H. and Lim, T.H.** (2001), 'Evaluation by contrast-enhanced MR imaging of the lateral border zone in reperfused myocardial infarction in a cat model', *Korean J Radiol*, 2, 1, 21-7.
- Karlsson, J.O., Brurok, H., Eriksen, M., Towart, R., Toft, K.G., Moen, O., Engebretsen, B., Jynge, P. and Refsum, H.** (2001), 'Cardioprotective effects of the MR contrast agent MnDPDP and its metabolite MnPLED upon reperfusion of the ischemic porcine myocardium', *Acta Radiol*, 42, 6, 540-7.

- Kivelitz, D., Wagner, S., Hansel, J., Schnorr, J., Wetzler, R., Busch, M., Melzer, A., Taupitz, M. and Hamm, B.** (2001), 'The active magnetic resonance imaging stent (AMRIS): initial experimental *in vivo* results with locally amplified MR angiography and flow measurements', *Invest Radiol*, 36, 11, 625-31.
- Knight, L.C., Olexa, S.A., Malmud, L.S. and Budzynski, A.Z.** (1983), 'Specific uptake of radioiodinated fragment E1 by venous thrombi in pigs', *J Clin Invest*, 72, 6, 2007-13.
- Kobayashi, H., Kawamoto, S., Saga, T., Sato, N., Hiraga, A., Ishimori, T., Konishi, J., Togashi, K. and Brechbiel, M.W.** (2001), 'Positive effects of polyethylene glycol conjugation to generation-4 polyamidoamine dendrimers as macromolecular MR contrast agents', *Magn Reson Med*, 46, 4, 781-8.
- Konda, S.D., Aref, M., Wang, S., Brechbiel, M. and Wiener, E.C.** (2001), 'Specific targeting of folate-dendrimer MRI contrast agents to the high affinity folate receptor expressed in ovarian tumor xenografts', *Magma*, 12, 2-3, 104-13.
- Konda, S.D., Wang, S., Brechbiel, M. and Wiener, E.C.** (2002), 'Biodistribution of a 153 Gd-folate dendrimer, generation = 4, in mice with folate-receptor positive and negative ovarian tumor xenografts', *Invest Radiol*, 37, 4, 199-204.
- Lauterbur, P.C.** (1989), 'Image formation by induced local interactions. Examples employing nuclear magnetic resonance. 1973 [classical article]', *Clin Orthop*, 244, 3-6.
- Leu, H.J.** (1973), 'Histologische Altersbestimmung von arteriellen und venösen Thromben und Emboli', *Vasa*, 2, 3, 265-74.
- Loren, M., Garcia Frade, L.J., Torrado, M.C. and Navarro, J.L.** (1989), 'Thrombus age and tissue plasminogen activator mediated thrombolysis in rats', *Thromb Res*, 56, 1, 67-75.
- Louis, O., Luypaert, R., Kalender, W., Osteaux, M., Connell, D.A., Koulouris, G., Thorn, D.A. and Potter, H.G.** (1988), 'Reproducibility of CT bone densitometry: operator versus automated ROI definition', *Eur J Radiol*, 8, 2, 82-4.
- Massmann, J., Kupsch, E., Mehler, J. and Trimper, B.** (1989), 'Beziehungen des Makrophagensystems zur Gefäßwand und Atherogenese', *Zentralbl Allg Pathol*, 135, 6, 577-90.
- Materne, R., Smith, A.M., Peeters, F., Dehoux, J.P., Keyeux, A., Horsmans, Y. and Van Beers, B.E.** (2002), 'Assessment of hepatic perfusion parameters with dynamic MRI', *Magn Reson Med*, 47, 1, 135-42.
- Moser, K.M., Spragg, R.G., Bender, F., Konopka, R., Hartman, M.T. and Fedullo, P.** (1980), 'Study of factors that may condition scintigraphic detection of venous thrombi and pulmonary emboli with indium-111-labeled platelets', *J Nucl Med*, 21, 11, 1051-8.
- Northeast, A.D. and Burnand, K.G.** (1992), 'The response of the vessel wall to thrombosis: the *in vivo* study of venous thrombolysis', *Ann N Y Acad Sci*, 667, 127-40.
- Northeast, A.D., Soo, K.S., Bobrow, L.G., Gaffney, P.J. and Burnand, K.G.** (1995), 'The tissue plasminogen activator and urokinase response *in vivo* during natural resolution of venous thrombus', *J Vasc Surg*, 22, 5, 573-9.
- Oswald, P., Clement, O., Chambon, C., Schouman-Claeys, E. and Frija, G.** (1997), 'Liver positive enhancement after injection of superparamagnetic nanoparticles: respective role of circulating and uptaken particles', *Magn Reson Imaging*, 15, 9, 1025-31.

- Patek, P.R. and Bernick, S.** (1960), 'Time Sequence Studies of Reticuloendothelial Cell Response to Foreign Partikles', *Anat Rec*, 138.
- Pescador, R., Porta, R., Conz, A. and Mantovani, M.** (1989), 'A quantitative venous thrombosis model with stasis based on vascular lesion', *Thromb Res*, 53, 2, 197-201.
- Proksch** (1989), 'Nuklearmedizinischer Nachweis tierexperimenteller Thromben mittels 123- und 125Jod-Fibrinogen und ihre Beeinflussung durch unfraktioniertes und niedermolekulares Heparin', *Klinik für Radiologie, Nuklearmedizin und physikalische Therapie des Klinikum Steglitz*, Berlin, Freie Universität.
- Purcell, E., Torrey, H. and Pound, R.** (1946), 'Resonance Absorption by Nuclear Magnetic Moments in a Solid', *Phys Rev*, 69, 37-38.
- Renkin, E.M. and Curry, F.E.** (1982), 'Endothelial permeability: pathways and modulations', *Ann N Y Acad Sci*, 401, 248-59.
- Riley, V.** (1972), *PIGMENTATION Its Genesis and Biologic Control*, New York, Meredith Corporation.
- Rosebrough, S.F., Kudryk, B., Grossman, Z.D., McAfee, J.G., Subramanian, G., Ritter-Hrcicirik, C.A., Witanowski, L.S. and Tillapaugh-Fay, G.** (1985), 'Radioimmunoimaging of venous thrombi using iodine-131 monoclonal antibody', *Radiology*, 156, 2, 515-7.
- Rosenberg, N.a.M.S.E.** (1959), 'A calibrated technique for experimental production of Venous Thrombosis', *Surgery*, 46, 3, 764-767.
- Runge, V.M., Schoerner, W., Niendorf, H.P., Laniado, M., Koehler, D., Claussen, C., Felix, R. and James, A.E., Jr.** (1985), 'Initial clinical evaluation of gadolinium DTPA for contrast-enhanced magnetic resonance imaging', *Magn Reson Imaging*, 3, 1, 27-35.
- Saini, S., Stark, D.D., Hahn, P.F., Bousquet, J.C., Introcasso, J., Wittenberg, J., Brady, T.J. and Ferrucci, J.T., Jr.** (1987a), 'Ferrite particles: a superparamagnetic MR contrast agent for enhanced detection of liver carcinoma', *Radiology*, 162, 1 Pt 1, 217-22.
- Saini, S., Stark, D.D., Hahn, P.F., Wittenberg, J., Brady, T.J. and Ferrucci, J.T., Jr.** (1987b), 'Ferrite particles: a superparamagnetic MR contrast agent for the reticuloendothelial system', *Radiology*, 162, 1 Pt 1, 211-6.
- Schmitz, S.A., Coupland, S.E., Gust, R., Winterhalter, S., Wagner, S., Kresse, M., Semmler, W. and Wolf, K.J.** (2000), 'Superparamagnetic iron oxide-enhanced MRI of atherosclerotic plaques in Watanabe heritable hyperlipidemic', *Invest Radiol*, 35, 8, 460-71.
- Schmitz, S.A., Hansel, J., Wagner, S., Kressel, M., Huningen, H., Wacker, F. and Wolf, K.J.** (1999), '[SPIO-enhanced MR angiography for the detection of venous thrombi in an animal model]', *Fortschr Geb Rontgenstr Neuen Bildgeb Verfahr*, 170, 3, 316-21.
- Schmitz, S.A., Winterhalter, S., Schiffler, S., Gust, R., Wagner, S., Kresse, M., Coupland, S.E., Semmler, W. and Wolf, K.J.** (2001), 'USPIO-enhanced direct MR imaging of thrombus: preclinical evaluation in rabbits', *Radiology*, 221, 1, 237-43.
- Schnorr, J., Taupitz, M., Wagner, S., Pilgrimm, H., Hansel, J. and Hamm, B.** (2000a), 'Age-related blood half-life of particulate contrast material: experimental results with a USPIO in rats', *J Magn Reson Imaging*, 12, 5, 740-4.

- Scholz, K.H., Just, M., Buchwald, A.B., Werner, G.S., Stille-Siegener, M. and Kreuzer, H.** (1999), '[Experiences with temporary vena cava filters in 114 at-risk patients with thrombosis or thromboembolism]', *Dtsch Med Wochenschr*, 124, 11, 307-13.
- Schorner, W., Kazner, E., Laniado, M., Sprung, C. and Felix, R.** (1984), 'Magnetic resonance tomography (MRT) of intracranial tumours: initial experience with the use of the contrast medium Gadolinium-DTPA', *Neurosurg Rev*, 7, 4, 303-12.
- Schumacher, W.A. and Heran, C.L.** (1989), 'Effect of thromboxane antagonism on recanalization during streptokinase- induced thrombolysis in anesthetized monkeys', *J Cardiovasc Pharmacol*, 13, 6, 853-61.
- Smokovitis, A.** (1978), 'Sex related fibrinolytic activity in rat tissues', *Experientia*, 34, 4, 483-4.
- Stafford-Johnson, D.B., Hamilton, B.H., Dong, Q., Cho, K.J., Turcotte, J.G., Fontana, R.J. and Prince, M.R.** (1998), 'Vascular complications of liver transplantation: evaluation with gadolinium-enhanced MR angiography', *Radiology*, 207, 1, 153-60.
- Stark, D.D.** (1999), *Magnetic Resonance Imaging* (3rd Edition), St.Louis, Mosby.
- Stiegler, H., Sunder-Plassmann, L. and Becker, H.M.** (1985), 'Indikationen und Techniken bei Becken- und Beinvenenthrombosen.', *Chirurg*, 56, 2, 73-80.
- Stuart, A.B., G; Stiffel, C; Halpern, BN; Mouton, D** (1960), 'The Stimulation and Depression of Reticulo-Endothelial Phagozytic Function by simple Lipids', *Br.J.Exp.Path.*, 41, 599-604.
- Suwa, T., Ozawa, S., Ueda, M., Ando, N. and Kitajima, M.** (1998), 'Magnetic resonance imaging of esophageal squamous cell carcinoma using magnetite particles coated with anti-epidermal growth factor receptor antibody', *Int J Cancer*, 75, 4, 626-34.
- Taupitz, M., Schnorr, J., Wagner, S., Abramjuk, C., Pilgrimm, H., Kivelitz, D., Schink, T., Hansel, J., Laub, G., Hunigen, H. and Hamm, B.** (2002), 'Coronary MR angiography: experimental results with a monomer-stabilized blood pool contrast medium', *Radiology*, 222, 1, 120-6.
- Taylor, L.R. and Costanzo, D.J.** (1975), 'Social dominance, adrenal weight, and the reticuloendothelial system in rats', *Behav Biol*, 13, 2, 167-74.
- Vogl, T.J., Pegios, W., McMahon, C., Balzer, J., Waitzinger, J., Pirovano, G. and Lissner, J.** (1992), 'Gadobenate dimeglumine--a new contrast agent for MR imaging: preliminary evaluation in healthy volunteers', *AJR Am J Roentgenol*, 158, 4, 887-92.
- Vorwerk, D., Vollmer, B., Handt, S. and Gunther, R.W.** (1994), 'Laserthermische Venenobliteration: experimentelle Ergebnisse am Rattenmodell.', *Rofo Fortschr Geb Rontgenstr Neuen Bildgeb Verfahr*, 160, 1, 84-8.
- Wagner, T., Duckert, F., Muller, G., Nyman, D., Benz, A., Prisender, S., Madar, G., Da Silva, M.A., Widmer, L.K., Schmitt, H.E., Just, M., Buchwald, A.B., Werner, G.S., Stille-Siegener, M. and Kreuzer, H.** (1993), '[Venous thrombosis of the lower leg]', *Dtsch Med Wochenschr*, 118, 22, 844.
- Weidenbach, H. and Sedlarik, K.** (1978), '[Electron microscopic studies on phagocytosis of iron particles by smooth muscle cells in experimental vascular injury induced by intravascular application of direct current (author's transl)]', *Zentralbl Allg Pathol*, 122, 6, 545-52.

- Weinmann, E.E. and Salzman, E.W.** (1994), 'Deep-vein thrombosis', *N Engl J Med*, 331, 24, 1630-41.
- Weissleder, R.** (1991), 'Target-specific superparamagnetic MR contrast agents', *Magn Reson Med*, 22, 2, 209-12; discussion 213-5.
- Weissleder, R., Bogdanov, A. and Papisov, M.** (1992a), 'Drug targeting in magnetic resonance imaging', *Magn Reson Q*, 8, 1, 55-63.
- Weissleder, R., Lee, A.S., Khaw, B.A., Shen, T. and Brady, T.J.** (1992b), 'Antimyosin-labeled monocrystalline iron oxide allows detection of myocardial infarct: MR antibody imaging', *Radiology*, 182, 2, 381-5.
- Weissleder, R. and Papisov, M.** (1992), 'Pharmaceutical Iron Oxides for MR Imaging', *Rev magn reson med*, 4, 1-20.
- Wenz, W. and Noldge, G.** (1977), '[Prevention and treatment of thromboembolism: diagnosis by roentgenology (author's transl)]', *Langenbecks Arch Chir*, 345, 337-43.
- Wiener, J.S., D.; Margaretten, W.** (1964), 'An electron microscopic study of reticuloendothelial system blockade', *Am. J. Pathol.*, 45, 783-803.
- Winter, T.C.r., Freeny, P.C., Nghiem, H.V. and Thomas, C.R., Jr.** (1994), 'Utility of magnetization prepared GRE MRI for the detection of focal liver lesions', *Magn Reson Imaging*, 12, 5, 733-42.
- Zahn, F.W.** (1875), 'Untersuchungen über Thrombose', *Virchows Arch*, 62, Bd.II, 81-124.