

6 Literatur

- Agarwal N, Murphy JG, Cayten CG, Stahl WM. Blood transfusion increases the risk of infection after trauma. *Arch Surg* 1993;128:171-7
- Akahoshi M, Takanashi M, Masuda M, Yamashita H et al. A case of transfusion-associated graft-versus-host disease not prevented by white cell-reduction filters. *Transfusion* 1992;32:169-172
- Anderson KC, Weinstein HJ. Transfusion-associated graft-versus-host disease. *N Engl J Med* 1990;323:315-321
- Anderson KC. Who should receive leukodepleted blood components? *Transfusion Sci* 1992;13:107-109
- Arbeitskreis Blut beim Robert-Koch-Institut: Mitteilungen (hier: Kennzeichnung von Blutprodukten zur Erleichterung der Chargendokumentation beim Anwender), *Bundesgesundhbl.* 1994; 12: 512–513
- Arbeitskreis Blut beim Robert-Koch-Institut: Votum des Arbeitskreises Blut vom 05.06.97. *Bundesgesundhbl* 1997:307-309
- Arend WP, Malyak M, Guthridge CJ, Gabay C. Interleukin-1 receptor antagonist: Role in biology. *Annu Rev Immunol* 1998;16:27-55
- Arzneimittelgesetz – AMG: Gesetz über den Verkehr mit Arzneimitteln. Bekanntmachung über die Neufassung des Arzneimittelgesetzes vom 19.10.1994, *BGBI. I*, 3018-3067
- Arzneimittelgesetz – AMG: Gesetz über den Verkehr mit Arzneimitteln einschließlich Änderungen aufgrund von Art. 1 des Achten Gesetzes zur Änderung des Arzneimittelgesetzes vom 07. September 1998 (*BGBI. I* 2649) [Internet-Zugang ([www.:](http://www.pei.de/downloads/8amg.rtf) pei.de/downloads/8amg.rtf)]
- Bäumler H, Bernhardt I, Gimsa U, Gündel G, Ziegler I, Kiesewetter H: Transport of Potassium Ions in Human Red Blood Cells and Lymphocyte Survival in Erythrocyte Concentrates after Gamma Irradiation and During Storage. *Transfusionsmed* 1997;34:63-70
- Bäumler H, Radtke H, Franz B, Tofoté U, Pawlow I, Kiesewetter H, Comparative Investigations of Quality of Erythrocyte Concentrates in Preservation Media SAG-M, PAGGS-M and Adsol with and without Leukocyte Depletion. *Beitr. Infusionsther. Transfusionsmed. (Basel, Karger)* 1997;34:58-62.
- Bäumler H, Radtke H, Haas T, Latza R. Influence of 30 Gy Gamma Irradiation on the Quality of Red Blood Cell Concentrates in Several Storage Media. *Infusionsther Transfusionsmed* 1999;26:212-21
- Berman CL, Yeo EL, Wencel-Drake JD, Furie BC, Ginsberg MH, Furie B: A platelet alpha granule membrane protein that is associated with the plasma membrane after activation. Characterization and subcellular localization of PADGEM. *J Clin Invest.* 1986;78:130-137
- Bertolini F, Porretti L, Lauri L, Rebulli P, Sirchia G: Role of lactate in platelet storage lesions, *Vox-Sang* 1993;65:194-208
- Berte, M.L., Nevalainen, D.E., Peters, H.J.: A Quality System for the Medical Laboratory. *J Lab Med* 1997; 21: 44-50
- Betriebsverordnung für pharmazeutische Unternehmer. In: Feiden, K., Betriebsverordnung für pharmazeutische Unternehmer, 4. Auflage, Deutscher Apotheker Verlag, Stuttgart 1995
- Beutler E, Kuhl W: Volume control of erythrocytes during storage. The role of mannitol. *Transfusion* 1988;28:353-357

- Blajchman MA, Bardossy L, Carmen-R. Allogeneic blood transfusion-induced enhancement of tumor growth: two animal models showing amelioration by leukodepletion and passive transfer using spleen cells. *Blood* 1993;81:1880-2
- Blundell J. Experiments on the transfusion of blood by the syringe. *Med Chir Trans London* 1818; 9: 56-92.
- Böck M, Himmelsbach S, Gudden A, Greither L, Mempel W: Herstellung leukozytenarmer Thrombozytenkonzentrate: In-vitro-Testung eines neuen Filtersystems (PL 100); *Infusionstherapie* 1991;18:30-32
- Bordin JO, Bardossy L, Blajchman MA. Growth enhancement of established tumors by allogeneic blood transfusion in experimental animals and its amelioration by leukodepletion: the importance of the timing of the leukodepletion. *Blood* 1994;84:344-8
- Brecher ME, Boothe G, Kerr A: The use of a chemiluminescence-linked universal bacterial ribosomal RNA gene probe and blood gas analysis for the rapid detection of bacterial contamination in white cell-reduced and nonreduced platelets. *Transfusion* 1993;33:450-457.
- Brubaker DB. Human pst transfusion graft-versus-host-disease. *Vox Sang* 1983;45:401-420
- Brugnara C, Churchill WH: Effects of irradiation on red cell cation content and transport. *Transfusion* 1992;32:246-252
- Buchholz DH, AuBuchon JP, Snyder EL, Kandler R, Piscitelli V, Pickard C, Napychank P, Edberg S. Effects of white cell reduction on the resistance of blood components to bacterial multiplication. *Transfusion* 1994;34:852-857.
- Busch OR, Hop WC, Hoyneck van Papendrecht MA, et al. Blood transfusions and prognosis in colorectal cancer. *N Engl J Med* 1993;328:1372-6
- Büttnerova I., Bäuml H., Kern F., Radtke H., Volk H.-D., Kiesewetter H., Döcke D. Release of leukocyte-derived Interleukin 1 receptor antagonist into supernatants of red blood cells: Influence of storage time and filtration. *Transfusion* 2000
- Button LN, DeWolf, Newburger PE, Jacobson MS, Kevy SV. The Effects of Irradiation on Blood Components. *Transfusion* 1981;21:419-426
- College of American Pathologists (CAP). Criteria for the Clinical Laboratory Director. Appendix O in: Policies and Guidelines Manual. Northfield, IL: February 1993.
- Conti P, Reale M, Panara MR, et al. Human recombinant interleukin-1 receptor antagonist inhibits lymphocyte blastogenesis induced by concanavalin A. Restorative effect of hrIL-1. *FEBS Lett* 1991;286:137-41
- Conti P, Panara MR, Porrini AM, et al. Inhibition of interleukin-1 (alpha and beta), interleukin-2 secretion and surface expression of interleukin-2 receptor (IL-2R) by a novel cytokine interleukin-1 receptor antagonist (IL-1ra). *Scand J Immunol* 1992;36:27-33
- Corash L: Measurement of platelet activation by fluorescence activated flow cytometry. *Blood Cells* 1990;16:97-106
- Council of Europe: Guide to the preparation, use and quality assurance of blood components. New edition. Strasbourg Council of Europe Press, 1995
- Davay RJ, Carmen RA, Simon TL, et al. Preparation of white cell-depleted red cells for 42-day storage using an integral in-line filter. *Transfusion* 1989;29:496-9
- Deicher H. Die Hämotherapierichtlinien: Geschichte, Intention, Bedeutung. *Transfusion Medicine and Hemotherapy* 2004, in press

- Dini L, Carla EC. Hepatic sinusoidal endothelium heterogeneity with respect to the recognition of apoptotic cells. *Exp Cell Res* 1998;240:388-93
- Dzik W: Use of leukodepletion filters for the removal of bacteria. *Immunol Invest* 1995;24:95-115
- EU: Entschließung des Rates vom 21. Dezember 1989 zu einem Gesamtkonzept für die Konformitätsbewertung (90/C10/01). *Amtsblatt der Europäischen Gemeinschaften Nr. C 10/1 vom 16.1.1990*
- Ferrara JL, Deeg HJ. Graft-versus-host disease. *N Engl J Med* 1991;324:667-674
- Fijnheer R, Modderman PW, Veldman H: Detection of platelet activation with monoclonal antibodies and flow cytometrie. Changes during platelet storage., *Transfusion* 1990;30:20-25
- Fliedner von V, Higby DJ, Kim U. Graft-versus-Host reaction following blood product transfusion. *Am J Med* 1982;72:951-961
- George JN, Pickett EB, Saucerman S, McEver RP, Kunicki TJ, Kieffer N, Newman PJ: Platelet surface glycoproteins. Studies on resting and activated platelets and platelet membrane microparticels in normale subjects and observations in patients during ARDS and cardiac surgery., *J Clin Invest* 1986;78:340-348
- Granowitz EW, Calrk BD, Vannier E, et al. Effect of interleukin-1 (IL-1) blockade on cytokine synthesis: I. IL-1 receptor antagonist inhibits IL-1-induced cytokine synthesis and blocks the binding of IL-1 to its type II receptor on human monocytes. *Blood* 1992;79:2356-63
- Greenwalt TJ, Sostok CZ, Dumaswala UJ. Studies in red blood cell preservation. *Vox Sang* 1990;58:85-9
- Greenwalt T. A short history of transfusion medicine. *Transfusion* 1997, 37: 550-563
- Groh J, Storck K, Kratzer MAA: Qualitätskontrolle von Thrombozytenkonzentraten. Funktionsmessung konservierter Thrombozyten in vitro, *Anaesthesist* 1993;42:847-855
- Guidlines on gamma irradiation of blood components for the prevention of transfusion-associated graft-versus-host disease. *Transfusion Med* 1996;6:261-271
- Gutensohn K, Cassens U, Hummel K, Riggert J, Bartsch N, Kuehnl P: Quality control of platelet concentrates by monitoring human soluble P-selectin. *Infusionstherapie und Transfusionsmedizin* 1996;23:63
- Haeckel, R. Total Quality Management as a Tool to Achieve „Good Medical Laboratory Services“. *J Lab Med* 1998; 22: 3 -11
- Heal JM, Chuang C, Blumberg N. Perioperative blood transfusions and prostate cancer recurrence and survival. *Am J Surg* 1988;156:374-80
- Hébert PC, Wells G, Blajchman MA. A multicenter, randomized, controlled clinical trial of transfusion requirements in critical care. *Transfusion Requirements in Critical Care Investigators, Canadian Critical Care Trials Group. N Engl J Med* 1999;340:409-17
- Heiss MM, Fasol-Merten K, Allgayer H, et al. Influence of autologous blood transfusion on natural killer and lymphokine-activated killer cell activities in cancer surgery. *Vox Sang* 1997;73:237-45
- Högman CF, Eriksson L, Reppucci AJ. Storage of saline-adenine-glucose-mannitol-suspended red cells in a new plastic container: polyvinylchlorid plasticized with butyryl-n-trihexyl-citrate. *Transfusion* 1991;31:26-9
- Holland PV. Prevention of transfusion-associated graft-vs-host disease. *Arch Path Lab Med* 1989;113:285-291

- Jansen, R. T. P., Blaton, V., Burnett, D. Essential Criteria for Quality Systems of Clinical Biochemistry Laboratories in the EU. Prepared by the Working Group on Harmonisation of Quality Systems and Accreditation May 1996© EC4 – In: Burnett,D.: Understanding Accreditation in Laboratory Medicine. 1997
- Jensen LS, Hokland M, Nielsen HJ. A randomized controlled study of the effect of bedside leukocyte depletion on the immunosuppressive effect of whole blood transfusion in patients undergoing elective colorectal surgery. *Br J Surg* 1996;83:973-7
- Kalovidouris AE, Papayannis AG: Effect of ionizing radiation on platelet function in vitro, *Acta Radiol Oncol.* 1981; 20:333-336
- Kaplan J, Sarnaik S, Gitlin J, Leshner J. Diminished helper/suppressor lymphocyte ratios and natural killer activity in recipients of repeated blood transfusion. *Blood* 1984;64:308-10
- Kotitschke R, Morfeld F, Kirchmaier CM, Stampe D, Wieding JU: Lagerstabilitätsprüfung von gefrorenem Frischplasma: Ergebnisse der Lagerung für 6 Monate bei -2°C und -25°C . *Infusionsther Transfusionsmed* 1997; 24: 397-403
- Kruse-Jarres, J. D. Akkreditierung medizinischer Laboratorien. *J. Lab. med.* 1995; 19: 406-409
- Kunicki TJ, Tuccelli M, Becker GA., Aster RH: A study of variables affecting the quality of platelets stored at room temperature. *Transfusion* 1975;15:414-421
- Landsteiner K. Zur Kenntnis der antifermentativen, lytischen und agglutinierenden Wirkungen des Blutserums und der Lymphe. *Zentralbl. Bakteriologie* 1900 ; 27 : 357-362.
- Leach MF, AuBuchon JP: Effect of storage time on clinical efficacy of single donor platelet units, *Transfusion* 1993;33:461-464
- Leitman SF, Holland PV. Irradiation of blood products. Indications and guidelines. *Transfusion* 1985;25:293-303
- Leitman SF. Dose, dosimetry, and quality improvements of irradiated blood components. *Transfusion* 1993;26:447-449
- Malyak M, Guthridge JM, Hance KR, et al. Characterization of a low molecular weight isoform of IL-1 receptor antagonist. *J Immunol* 1998;161:1997-2003
- Manara FS, Schneider DL: The activation of the human neutrophil respiratory burst occurs only at temperatures above 17°C ; evidence that activation requires membrane fusion. *Biochem Biophys Res Commun* 1985;132:696-701.
- Mannucci PM, Lattuada A, Ruggeri ZM: Proteolysis of von Willebrand factor in therapeutic plasma concentrates. *Blood* 1994; 83: 3081-3027
- Mathiesen O, Lund L, Brodthagen U. Leukocyte filtration does not affect lymphocyte subpopulations and NK cell function in recipients of blood transfusions. *Vox Sang* 1998;74:15-20
- Meryman HT, Hornblower M. The preparation of red cells depleted of leukocytes. Review and evaluation. *Transfusion* 1986;26:101-106
- Mintz PD, Anderson G: Effect of gamma irradiation on the in vivo recovery of stored red blood cells. *Ann Clin Lab Sci* 1993;23:216-220
- Möckl C, Behr W, Schlimik G: Einfluß von Lagerungsdauer und Bestrahlungsdosis auf das In-vitro-Aggregationsverhalten von Thrombozyten, *Beitr.-Infusionsther* 1992;30:174-177

- Moroff G, Friedman A, Robkin-Kline L: Factors influencing changes in pH during storage of platelet concentrates at 20 to 24 °C, *Vox Sang* 1982;42:33-45
- Moroff G, George VM, Siegl AM, Luban NLC. The influence of irradiation on stored platelets. *Transfusion* 1986;26:453-456
- Moroff G, Holme S. Concepts about current conditions for the preparation and storage of platelets. *Transf Med Rev* 1991;V:48-59
- Moroff G, Luban LNC: The influence of gamma irradiation on red cell and platelet properties. *Transfus Sci* 1994;15:141-148
- Mueller-Eckhardt C, Scharf RE, Greinacher A: Thrombozytäre hämorrhagische Diathesen, in: Begemann . und Rastetter J. (Hrsg.): *Klinische Hämatologie*, 4. Auflage, Georg Thieme Verlag, Stuttgart/New York 1993, 883-888
- Mueller-Eckhardt C, Kiefel V. *Transfusionsmedizin*. 3. Auflage, Springer Verlag, Berlin New York 2004
- Murphy F, Heal JM, Blumberg N. Infection or suspected infection after hip replacement surgery with autologous or homologous blood transfusions. *Transfusion* 1991;31:212-7
- Murphy PJ, Connery C, Hicks GL Jr, Blumberg N. Homologous blood transfusion as a risk factor for postoperative infection after coronary artery bypass graft operations. *J Thorac Cardiovasc Surg* 1992;104:1092-9
- Murphy R, Ashton K, Gelstorp K, James V. Irradiation of transfused products in prevention of third party mediated GVHD and graft rejection. *Br J Haematolog* 1993;84:558-559
- Muyllé L, Peetermans ME: Effect of prestorage leukocyte removal on the cytokine levels in stored platelet concentrates. *Vox Sang* 1994;66,14-17.
- Mynster T, Dybkjaer E, Kronborg G, Nielsen HJ. Immunomodulation effect of blood transfusion: Is storage time important? *Vox Sang* 1998;74:176-181
- Norfolk Dr, Williamson LM. Leucodepletion of blood products by filtration. *Blood reviews* 1995; 9: 7-14
- Paul-Ehrlich-Institut (PEI). Empfehlungen für die Formulierung der Fach- und Gebrauchsinformation von zellulären Blutzubereitungen und therapeutischen Plasmen. 1994 [Internet-Zugang (www.): pei.de/aktuell.htm]
- Paul-Ehrlich-Institut (PEI). PEI-Dokumentation zur Leukozytendepletion. 1999 [Internet-Zugang (www.): pei.de/aktuell.htm]
- Pelszynski MM, Moroff G, Luban NLC, Taylor BJ, Quinones RR: Effect of □ Irradiation of Red Blood Cell Units on T-Cell Inactivation as Assessed by Limiting Dilution Analysis: Implications for Preventing Transfusion-Associated Graft-Versus-Host Disease. *Blood* 1994;83:1683-1689
- Pepper MD, Learoyd PA, Rajah SM: plasma factor VIII, variables affecting stability under standard blood bank conditions and correlation with recovery in concentrates. *Transfusion* 1978; 18: 756-760
- Peters, H. J. System der Akkreditierung von Laboratorien in den USA. Manuskript zur Begutachterschulung der ZLG Mai 1997
- Radtke H, Lindenau S, Holbach B, Neumann S, Kiesewetter H. Durchflußzytometrische Messung der Leukozytenzahl in Vollblut und Blutkomponenten. *Infusionsther Transfusionsmed* 1995; 22 Suppl 1:112-114.

- Richter S, Hamann J, Kummerow D, Bernhardt I: The monovalent cation „leak“ transport in human erythrocytes: an electroneutral exchange process. *Biophys. J.* 1997;73:733-745
- Richtlinien für eine gute Laborpraxis in medizinischen Laboratorien (GMP). Kommission gute Laboratoriumspraxis (gLP-Kommission) der Arbeitsgemeinschaft Medizinische Laboratoriumsdiagnostik (AML) 1996
- Riggert J, Mörsdorf S, Pindur G, Köhler G, Seyfert UT: Quality of Fresh-Frozen Plasma during Storage. *Vox Sang* 1997; 73: 257
- Rinder HM, Murphy M, Mitchell JG, Stocks J, Ault KA, Hillman RS: Progressive platelet activation with storage: evidence for shortened survival of activated platelets after transfusion. *Transfusion* 1991;31:409-414
- Rinder HM, Snyder EL, Bonan JL, Napychank PA, Malkus H, Smith BR: Activation in stored platelet concentrates: correlation between membrane expression of P-selectin, glycoprotein IIb/IIIa and β -thromboglobulin release, *Transfusion* 1993;23:25-29
- Rosen NR, Weidner JG, Boldt HD, Rosen DS. Prevention of transfusion-associated graft-versus-host disease: Selection of an adequate dose of gamma radiation. *Transfusion* 1993;33:125-127
- Rubinstein A, Radl J, Cottier H, Rossi G, Gugler E. Unusual combined immunodeficiency syndrome exhibiting kappa-IgD paraproteinemia, residual gut-immunity and graft-versus-host reaction after plasma infusion. *Acta Paediatr Scand* 1973;62:365-372
- Sachs L. *Angewandte Statistik*. Springer Verlag, Berlin - Heidelberg - New York 1984, 1-55
- Samuel LH, Anderson G, Mintz PD: Rejuvenation of irradiated AS-1 red cells. *Transfusion* 1997;37:25-28
- Scheel P. *Die Transfusion des Blutes und Einspritzung der Arzeneien in die Adern, historisch und in Rücksicht auf die practische Heilkunde bearbeitet*. 2 vols. Copenhagen: F. Brunner, 1802-1803.
- Schmitz G, Rothe G, Ruf A.: European working group on clinical cell analysis: consensus protocoll for the flow cytometric characterisation of platelet function. *Thromb. Haemost.* 1998, 79; 885-896.
- Schorn, G. *Das Medizinproduktegesetz. Anwendung im ärztlichen Bereich*. *Dt. Ärzteblatt* 1995; 92: A-2890-2893
- Shenton BK, Proud G, Smith BM, Taylor RMR. Identification of immunosuppressive factors in plasma following multiple blood transfusion. *Transplant Proc* 1979;9:171-4
- Shi J, Fujieda H, Kokubo Y, Wake K. Apoptosis of neutrophils and their elimination by Kupffer cells in rat liver. *Hepatology* 1996;24:1256-63
- Shirwadkar S, Blajchman MA, Frame B, Singal DP. Effect of allogeneic blood transfusion on solid tumor growth and pulmonary metastases in mice. *J Cancer Res Clin Oncol* 1992;118:176-80
- Siffert, W., Siffert, G., Scheid, P., Akkerman, J. W.: Na^+/H^+ exchange modulates Ca^{2+} mobilisation in human platelets stimulated by ADP and the thromboxane mimetic U 46619, *J-Biol-Chem.* (1990), 265 (2), S. 719-725
- Stenberg PE, McEver R., Shuman MA, Jacques YV, Bainton DF: A platelet alpha granule membrane protein (GMP 140) is expressed on the plasma membrane after activation. *J Cell Biol* 1985;101:880-886
- Transfusionsgesetz – TFG: Gesetz zur Regelung des Transfusionswesens (vom 1. Juli 1998 BGBl. I. Nr.42, S.1752-1760. [Internet-Zugang (www.): pei.de/downloads.trfu.rtf]

- Triulzi DJ, Blumberg N, Heal JM. Association of transfusion with postoperative bacterial infection. *Crit Rev Clin Lab Sci* 1990;28:95-107.
- US Department of Health and Human Services. Clinical Laboratories Improvement Amendments of 1988. Code of the Federal Register, Title 42, Part 493. Washington, DC: 1988.
- Vamvakas EC, Carven JH. Transfusion and postoperative pneumonia in coronary artery bypass surgery: effect of the length of storage of transfused red cell. *Transfusion* 1999;39:701-10
- Van Bekkum DW. Use and abuse of hemopoietic cell grafts in immune deficiency disease. *Transplant Rev* 1972;9:3
- Vliet WC, Dock NL, Davey FR. Factors in the liquid portion of stored blood inhibit the proliferative response in mixed lymphocyte cultures. *Transfusion* 1989;29:41-5.
- Vorstand und Wissenschaftlicher Beirat des Bundesärztekammer: Leitlinien zur Therapie mit Blutkomponenten und Plasmaderivaten, Deutscher Ärzte-Verlag, Köln, 2. Auflage 2001
- Vorstand und Wissenschaftlicher Beirat des Bundesärztekammer: Leitlinien zur Therapie mit Blutkomponenten und Plasmaderivaten, Deutscher Ärzte-Verlag, Köln, 3. Auflage 2003
- Watts SE, Tunbridge LJ, Smith K, Lloyd JV: Storage of platelets for tests of platelet function: effects of pH on platelet aggregation and liberation of beta- thromboglobulin, *Thromb-Res* 1983;29:343-353
- Whisson ME, Nakhoul A, Howman P, Niu X, Guppy M: Quantitative study of starving platelets in a minimal medium: maintenance by acetate or plasma but not by glucose, *Transfusion Medicine* 1993;3:103-113
- White JG, Hagert K, Nipper JHJ., Rao GRH: Functional platelets after storage in vitro for 15 to 21 days, *Am J Pathol* 1980;101:613-633
- Wissenschaftlicher Beirat der Bundesärztekammer und Bundesgesundheitsamt: Richtlinien zur Blutgruppenbestimmung und Bluttransfusion (Hämotherapie). Köln, Deutscher Ärzte-Verlag, 1992.
- Wissenschaftlicher Beirat der Bundesärztekammer und Paul-Ehrlich-Institut: Richtlinien zur Blutgruppenbestimmung und Bluttransfusion (Hämotherapie). Köln, Deutscher Ärzte-Verlag, 1996.
- Wissenschaftlicher Beirat der Bundesärztekammer und Paul-Ehrlich-Institut: Richtlinien zur Gewinnung von Blut und Blutbestandteilen und zur Anwendung von Blutprodukten (Hämotherapie). Köln, Deutscher Ärzte-Verlag, 2000.
- Wissenschaftlicher Beirat des Bundesärztekammer und Paul-Ehrlich-Institut: Richtlinien zur Gewinnung von Blut und Blutbestandteilen und zur Anwendung von Blutprodukten (Hämotherapie), Deutscher Ärzte-Verlag, Köln, 2003
- Zentralstelle der Länder für Gesundheitsschutz (ZLG) bei Arzneimitteln und Medizinprodukten und der Arbeitsgemeinschaft für Medizinische Laboratoriumsdiagnostik. Medizinisches Labor - Qualitätsmanagement und Akkreditierung. Wissenschaftliche Verlagsgesellschaft Stuttgart 2004, Kapitel 1-6: 1-665
- Ziegler I: Untersuchungen zum Einfluss ionisierender Strahlung auf die Sauerstofftransportkapazität von Erythrozyten in gefilterten Erythrozytenkonzentraten unter besonderer Berücksichtigung der Bestrahlungsdosis und Lagerungsdauer. Medizinische Fakultät Charité, Humboldt-Universität zu Berlin; 1997.
- ZLG: Zentralstelle der Länder für Gesundheitsschutz bei Arzneimitteln und Medizinprodukten