



## Nebenwirkungen bei der Anwendung von Blutprodukten

- 1) Bayston KF, Cohen J. Bacterial endotoxin and current concepts in the diagnosis and treatment of endotoxaemia. *J Med Microbiol* 1990;31: 73-83.
- 2) Schrezenmeier H, Walther-Wenke G, Muller TH, et al. Bacterial contamination of platelet concentrates: results of a prospective multicenter study comparing pooled whole blood-derived platelets and apheresis platelets. *Transfusion* 2007;47: 644-52.
- 3) Walther-Wenke G, Schrezenmeier H, Deitenbeck R, et al. Screening of platelet concentrates for bacterial contamination: spectrum of bacteria detected, proportion of transfused units, and clinical follow-up. *Ann Hematol* 2009.
- 4) de Korte D, Curvers J, de Kort WL, et al. Effects of skin disinfection method, deviation bag, and bacterial screening on clinical safety of platelet transfusions in the Netherlands. *Transfusion* 2006;46: 476-85.
- 5) Pietersz RN, Engelfriet CP, Reesink HW, et al. Detection of bacterial contamination of platelet concentrates. *Vox Sang* 2007;93: 260-77.
- 6) te Boekhorst PA, Beckers EA, Vos MC, et al. Clinical significance of bacteriologic screening in platelet concentrates. *Transfusion* 2005;45: 514-9.
- 7) Eder AF, Kennedy JM, Dy BA, et al. Bacterial screening of apheresis platelets and the residual risk of septic transfusion reactions: the American Red Cross experience (2004-2006). *Transfusion* 2007;47: 1134-42.
- 8) Fang CT, Chambers LA, Kennedy J, et al. Detection of bacterial contamination in apheresis platelet products: American Red Cross experience, 2004. *Transfusion* 2005;45: 1845-52.
- 9) Jansen GA, van Vliet HH, Vermeij H, et al. Functional characteristics of photochemically treated platelets. *Transfusion* 2004;44: 313-9.
- 10) Goodrich RP, Edrich RA, Li J, Seghatchian J. The Mirasol PRT system for pathogen reduction of platelets and plasma: an overview of current status and future trends. *Transfus Apher Sci* 2006;35: 5-17.
- 11) Mohr H, Steil L, Gravemann U, et al. A novel approach to pathogen reduction in platelet concentrates using short-wave ultraviolet light. *Transfusion* 2009.
- 12) Stormer M, Vollmer T, Kleesiek K, Dreier J. Spore-forming organisms in platelet concentrates: a challenge in transfusion bacterial safety. *Transfus Med* 2008;18: 371-6.
- 13) Schmidt M, Karakassopoulos A, Burkhardt J, et al. Comparison of three bacterial detection methods under routine conditions. *Vox Sang* 2007;92: 15-21.
- 14) McDonald CP, Pearce S, Wilkins K, et al. Pall eBDS: an enhanced bacterial detection system for screening platelet concentrates. *Transfus Med* 2005;15: 259-68.
- 15) Holme S, McAlister MB, Ortolano GA, et al. Enhancement of a culture-based bacterial detection system (eBDS) for platelet products based on measurement of oxygen consumption. *Transfusion* 2005;45: 984-93.
- 16) Mohammadi T, Pietersz RN, Vandebroucke-Grauls CM, et al. Detection of bacteria in platelet concentrates: comparison of broad-range real-time 16S rDNA polymerase chain reaction and automated culturing. *Transfusion* 2005;45: 731-6.
- 17) Nadkarni MA, Martin FE, Jacques NA, Hunter N. Determination of bacterial load by real-time PCR using a broad-range (universal) probe and primers set. *Microbiology* 2002;148: 257-66.
- 18) Stormer M, Kleesiek K, Dreier J. High-volume extraction of nucleic acids by magnetic bead technology for ultrasensitive detection of bacteria in blood components. *Clin Chem* 2007;53: 104-10.
- 19) Schmidt M, Hourfar MK, Nicol SB, et al. A comparison of three rapid bacterial detection methods under simulated real-life conditions. *Transfusion* 2006;46: 1367-73.
- 20) Schmidt M, Hourfar MK, Nicol SB, et al. FACS technology used in a new rapid bacterial detection method. *Transfus Med* 2006;16: 355-61.
- 21) Mohr H, Lambrecht B, Bayer A, et al. Sterility testing of platelet concentrates prepared from deliberately infected blood donations. *Transfusion* 2006;46: 486-91.

- 22) Dreier J, Vollmer T, Kleesiek K. Novel flow cytometry-based screening for bacterial contamination of donor platelet preparations compared with other rapid screening methods. *Clin Chem* 2009;55: 1492-502.
- 23) SHOT report 2006; <http://www.shotuk.org/home.htm>.
- 24) Keller-Stanislawski B, Lohmann A, Gunay S, et al. The German Haemovigilance System--reports of serious adverse transfusion reactions between 1997 and 2007. *Transfus Med* 2009;19: 340-9.
- 25) Keller-Stanislawski B, Reil A, Gunay S, Funk MB. Frequency and severity of transfusion-related acute lung injury-German haemovigilance data (2006-2007). *Vox Sang*;98: 70-7.
- 26) Silliman CC, Curtis BR, Kopko PM, et al. Donor antibodies to HNA-3a implicated in TRALI reactions prime neutrophils and cause PMN-mediated damage to human pulmonary microvascular endothelial cells in a two-event in vitro model. *Blood* 2007;109: 1752-5.
- 27) Sachs UJ, Hattar K, Weissmann N, et al. Antibody-induced neutrophil activation as a trigger for transfusion-related acute lung injury in an ex vivo rat lung model. *Blood* 2006;107: 1217-9.
- 28) Popovsky MA, Abel MD, Moore SB. Transfusion-related acute lung injury associated with passive transfer of antileukocyte antibodies. *Am Rev Respir Dis* 1983;128: 185-9.
- 29) Bux J. Transfusion-related acute lung injury (TRALI): a serious adverse event of blood transfusion. *Vox Sang* 2005;89: 1-10.
- 30) Toy P, Popovsky MA, Abraham E, et al. Transfusion-related acute lung injury: definition and review. *Crit Care Med* 2005;33: 721-6.
- 31) Bux J, Sachs UJ. The pathogenesis of transfusion-related acute lung injury (TRALI). *Br J Haematol* 2007;136: 788-99.
- 32) Nguyen, Dostmann, 2009.
- 33) Kao KJ, Scornik JC, Riley WJ, McQueen CF. Association between HLA phenotype and HLA concentration in plasma or platelets. *Hum Immunol* 1988;21: 115-24.
- 34) Reil A, Keller-Stanislawski B, Gunay S, Bux J. Specificities of leucocyte alloantibodies in transfusion-related acute lung injury and results of leucocyte antibody screening of blood donors. *Vox Sang* 2008;95: 313-7.
- 35) Win N, Chapman CE, Bowles KM, et al. How much residual plasma may cause TRALI? *Transfus Med* 2008;18: 276-80.
- 36) Odent-Malaure H, Quainon F, Ruyer-Dumontier P, et al. Transfusion related acute lung injury (TRALI) caused by red blood cell transfusion involving residual plasma anti-HLA antibodies: a report on two cases and general considerations. *Clin Dev Immunol* 2005;12: 243-8.
- 37) Nguyen XD, Flesch B, Sachs UJ, et al. Rapid screening of granulocyte antibodies with a novel assay: flow cytometric granulocyte immunofluorescence test. *Transfusion* 2009.
- 38) Gedye R. German AIDS scandal infects Europe. *BMJ* 1993;307: 1229.
- 39) Hourfar MK, Jork C, Schottstedt V, et al. Experience of German Red Cross blood donor services with nucleic acid testing: results of screening more than 30 million blood donations for human immunodeficiency virus-1, hepatitis C virus, and hepatitis B virus. *Transfusion* 2008;48: 1558-66.
- 40) Blumberg BS, Hesser JE, Economidou I, et al. The variety of responses within a community to infection with Australia (hepatitis B) antigen. *Dev Biol Stand* 1975;30: 270-83.
- 41) Candotti D, Grabarczyk P, Ghiazz P, et al. Characterization of occult hepatitis B virus from blood donors carrying genotype A2 or genotype D strains. *J Hepatol* 2008;49: 537-47.
- 42) Biswas R, Tabor E, Hsia CC, et al. Comparative sensitivity of HBV NATs and HBsAg assays for detection of acute HBV infection. *Transfusion* 2003;43: 788-98.
- 43) Assal A, Barlet V, Deschaseaux M, et al. Sensitivity of two hepatitis B virus, hepatitis C virus (HCV), and human immunodeficiency virus (HIV) nucleic acid test systems relative to hepatitis B surface antigen, anti-HCV, anti-HIV, and p24/anti-HIV combination assays in seroconversion panels. *Transfusion* 2009;49: 301-10.

- 44) Kubanek B, Cardoso M, Gluck D, Koerner K. [Risk of infection transmission by blood components]. *Infusionsther Transfusionsmed* 1993;20: 54-9.
- 45) Kretzschmar E, Chudy M, Nubling CM, et al. First case of hepatitis C virus transmission by a red blood cell concentrate after introduction of nucleic acid amplification technique screening in Germany: a comparative study with various assays. *Vox Sang* 2007;92: 297-301.
- 46) Schmidt M, Korn K, Nubling CM, et al. First transmission of human immunodeficiency virus Type 1 by a cellular blood product after mandatory nucleic acid screening in Germany. *Transfusion* 2009;49: 1836-44.
- 47) Schmidt M, Themann A, Drexler C, et al. Blood donor screening for parvovirus B19 in Germany and Austria. *Transfusion* 2007;47: 1775-82.
- 48) Kleinman SH, Glynn SA, Lee TH, et al. A linked donor-recipient study to evaluate parvovirus B19 transmission by blood component transfusion. *Blood* 2009;114: 3677-83.
- 49) Schmidt M, Pichl L, Jork C, et al. Blood donor screening with cobas s 201/cobas TaqScreen MPX under routine conditions at German Red Cross institutes. *Vox Sang* 98: 37-46.
- 50) Wiedmann M, Kluwick S, Walter M, et al. HIV-1, HCV and HBV seronegative window reduction by the new Roche cobas TaqScreen MPX test in seroconverting donors. *J Clin Virol* 2007;39: 282-7.
- 51) Yang MH, Li L, Hung YS, et al. The efficacy of individual-donation and minipool testing to detect low-level hepatitis B virus DNA in Taiwan. *Transfusion* 2009.
- 52) Vermeulen M, Lelie N, Sykes W, et al. Impact of individual-donation nucleic acid testing on risk of human immunodeficiency virus, hepatitis B virus, and hepatitis C virus transmission by blood transfusion in South Africa. *Transfusion* 2009;49: 1115-25.