

BLOOD PRODUCTS ADVISORY COMMITTEE

April 26-27, 2007

REFERENCES

Topic IA: Issues Related to Implementation of Blood Donor Screening for Infection with *Trypanosoma cruzi*

1. Information concerning implementation of a licensed test for antibodies to *trypanosoma cruzi*. Association Bulletin #06-08 (December 2006). Bethesda, MD: AABB, 2006.
2. Blood Products Advisory Committee. Issue Summary: The regulatory pathway and standards for approval of a blood donor screening chagas test. September 2002. www.fda.gov/OHRMS/DOCKETS/ac/02/briefing/3892b1.htm.
3. CDC. Chagas disease after organ transplantation – United States, 2001. MMWR 2002; 51: 210-212.
4. CDC. Chagas disease after organ transplantation – Los Angeles, California, 2006. MMWR 2006; 55: 798-800.
5. CDC. Blood donor screening for chagas disease – United States, 2006-2007. MMWR 2007; 56: 141-143.
6. Custer, B, Busch, MP, Marfin, AA, Petersen, LR. The cost-effectiveness of screening the U.S. blood supply for West Nile Virus. *Annals of Internal Medicine* 2005; 143: 486-492.
7. Kirchhoff LV, Paredes P, Lomeli-Guerrero A, et al. Transfusion-associated chagas disease (American trypanosomiasis) in Mexico; implications for transfusion medicine in the United States. *Transfusion* 2006; 46: 298-304.
8. Leiby DA, Herron RM, Read EJ et al. *Trypanosoma cruzi* in Los Angeles and Miami blood donors: impact of evolving donor demographics and seroprevalence and implications for transfusion transmission. *Transfusion* 2002; 42: 549-555.
9. Wilson, LS, Strosberg, AM, Barrio K. Cost-effectiveness of chagas disease interventions in Latin America and the Caribbean: Markov models. *Am. J. Trop. Med. Hyg.* 2005; 73(5): 901-910.
10. Young, C, Losikoff P, Lewis, C et al. Transfusion-acquired *Trypanosoma cruzi* infection. *Transfusion*. Accepted August 2006.

Topic IB: Issues Related to Possible Transmission of *Trypanosoma cruzi* by Human Cells, Tissue and Cellular and Tissue-Based Products

1. Anez N, et al. Myocardial parasite persistence in chronic Chagasic patients. *Am J Trop Med*, 1999; 60(5):726-732.
2. Bellotti, et al. In vivo detection of *Trypanosoma cruzi* antigens in hearts of patients with chronic Chagas' heart disease. *American Heart Journal*, 1996 Feb; 131(2):301-307.
3. Buckner FS, et al. Detection of live *Trypanosoma cruzi* of infected mice by using histochemical stain for β -galactosidase. *Infection and Immunity*, 1999 Jan; 67(1):403-409.
4. Herrera L, et al. Cornea as a tissue reservoir of *Trypanosoma cruzi*. *Parasitol Res*, 2006 Nov.
5. Morocoima A, et al. *Trypanosoma cruzi*: experimental parasitism of bone and cartilage. *Parasitol Res*, 2006; 99:663-668.
6. Shippey SH, et al. Use of the placental perfusion model to evaluate transplacental passage of *Trypanosoma cruzi*. *Am J Ob Gyn*, 2005; 192:586-591.
7. Vago AR, et al. PCR detection of *Trypanosoma cruzi* in oesophageal tissues of patients with chronic digestive Chagas' disease. *Lancet*, 1996; 348:891-892.
8. Younes-Chennoufi AB, et al. Persistence of *Trypanosoma cruzi* in the inflammatory lesions of chronically infected mice. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 1988; 82:77-83.

Topic II: Transfusion Related Acute Lung Injury

1. Transfusion-related acute lung injury. Association Bulletin #06-07 (November 6, 2006). Bethesda, MD: AABB, 2006.
2. Bux J, Sachs UJH. The Pathogenesis of transfusion-related acute lung injury (TRALI). *British Journal of Haematology* 2007; 136: 788-799.
3. Eder AF, Herron R Strupp A, et al. Transfusion-related acute lung injury surveillance (2003-2005) and the potential impact of the selective use of plasma from male donors in the American Red Cross. *Transfusion*, in press.
4. Holland L, Sarode R. Should plasma be transfused prophylactically before invasive procedures? *Curr Opin Hematol* 2006; 13: 447-451.
5. International Forum. Measures to prevent TRALI. *Vox Sanguinis* 2007; 92: 2258-277.

6. Kleinman S, Caulfield T, Chan P, et al. Toward an understanding of transfusion-related acute lung injury: statement of a consensus panel. *Transfusion* 2004; 44:1774-1789.
7. Kopko PM, Paglieroni TG, Popovsky MA, et al. TRALI: correlation of antigen-antibody and monocyte activation in donor recipient pairs. *Transfusion* 2003; 43:177-184.
8. Palfi M., Berg S, Enerudh J, & Berlin J. A randomized controlled trial of transfusion-related acute lung injury: is plasma from multiparous blood donors dangerous? *Transfusion* 2001; 41: 317-322.
9. Stroncek, DF, Klein HG. Heavy breathing in the blood bank: is it transfusion-related acute lung injury, our anxiety, or both? *Transfusion* 2007; 46: 559-562.

Topic III: Issues Related to Implementation of West Nile Virus Testing

1. WNV Triggering. Draft Association Bulletin (February 2006). Bethesda, MD: AABB, 2006.
2. Joint Statement of AABB, America's Blood Centers and American Red Cross on Testing for West Nile Virus. Association Bulletin #06-02 (February 2006). Bethesda, MD: AABB, 2006.
3. Busch MP, Wright DJ, Custer B et al. West Nile virus infections projected from blood donor screening data, United States, 2003. *Emerging Infectious Diseases* 2006; 12: 395-402.
4. Busch MP, Caglioti S, Robertson EF et al. Screening the blood supply for West Nile virus RNA by nucleic amplification testing. *N Engl J Med* 2005; 353: 460-7.
5. CDC. West Nile virus transmission through blood transfusion – South Dakota, 2006. *MMWR* 2007; 56: 76-79.
6. CDC. West Nile virus infections in organ transplant recipients – New York and Pennsylvania, August-September, 2005. *MMWR* 2005; 54:1-3.
7. CDC. Transfusion-associated transmission of West Nile virus – Arizona, 2004. *MMWR* 2004; 53: 842-844.
8. Custer, B, Tomasulo, PA, Murphy EL et al. Triggers for switching from minipool testing by nucleic acid technology to individual-donation nuclei acid testing for West Nile virus: Analysis of 2003 data to inform 2004 decision making. *Transfusion* 2004; 44: 1547-1554.

9. FDA Guidance for Industry on Assessing Donor Suitability and Blood and Blood Product Safety in Cases of Known or Suspected West Nile Virus Infection. June 2005. www.fda.gov/cber/gdlns/wnvguid.htm
10. Montgomery, SP, Brown JA, Kuehnert, M et al. Transfusion-associated transmission of West Nile virus, United States 2003-2005. *Transfusion* 2006; 46: 2038-2046.
11. Stramer, SL, Fang CT, Foster GA et al. West Nile virus among blood donors in the United States, 2003 and 2004. *N Engl J Med* 2005; 353: 451-459.