Monday, 10 May 2004

Here are the tables showing the estimated number of screened blood donations giving one infected donation, for three viruses. The column on the right shows the estimate at the present time, using nucleic acid testing, and the column next to the left shows the estimate with conventional screening prior to NAT testing. Please get in touch if you have any further questions.

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Residual HIV risks in repeat donors

Country	Period	Donations x 10^6/year	Residual risk (post serol)	Residual risk (post NAT)
Australia	7/00-6/01	1.0	1 : 3million	1 : 5million
Cent. Europe	1/97-	NA	1 : 2.5million	1 : 5million
Italy	1/96-12/00	2.4	1 : 450,000	1 : 900,000
Spain	1/97-12/99	1.4	1 : 530,000	1 : 1million
USA	1/91-12/93	13.2	1 : 500,000	1 : 1million
USA	1/96-12/00	13.2	1 : 1million	1 : 2million
USA	1/00-12/01	13.2	1 : 1.4million	1 : 2million

Editorial, Transfusion, 42, 966-972, (2002)

Residual HCV risks in repeat donors

Country	Period	Donations x 10^6/year	Residual risk (post serol)	Residual risk (post NAT)
Australia	7/00-6/01	1.0	1 : 120,000	1 : 1.1million
Cent. Europe	1/97-	NA	1 : 240,000	1 : 2.5million
Italy	1/96-12/00	2.4	1 : 126,000	1 : 770,000
Spain	1/97-12/99	1.4	1 : 150,000	1 : 1.4million
USA	1/91-12/93	13.2	1 : 100,000	1 : 830,000
USA	1/96-12/00	13.2	1 : 180,000	1 : 1.7million
USA	1/00-12/01	13.2	1 : 280,000	1 : 2 million

Editorial, Transfusion, 42, 966-972, (2002)

Residual risks of HBV in repeat donors

Country	Period	Donations x 10^6/year	Residual risk (post serol)	Residual risk (post NAT)
Australia	7/00-6/01	1.0	1 : 530,000	1 : 670,000
France	1/98-12/00	3.0	1 : 480,000	1 : 560,000
Spain	1/97-12/99	1.4	1 : 74,000	1 : 130,000
USA	1/91-12/93	13.2	1 : 65,000	1 : 110,000
USA	1/96-12/00	13.2	1 : 100,000	1 : 125,000
USA	1/00-12/01	13.2	1 : 200,000	1 : 250,000

Editorial, Transfusion, 42, 966-972, (2002)