



Exposure Prevention Information Network

Official Summary Report for Blood and Body Fluid Exposures, 2004

Total Cases: 354

Total Daily Average Census: 4,328

9 Teaching facilities (Average Daily Census: 229 – Exposures: 229)

35 Non-teaching facilities (Average Daily Census: 1,981 – Exposures: 126)

Job category		
1 Doctor (attending.staff) List specialty	28	8.0%
2 Doctor (intern/resident/fellow) List specialty	23	6.6%
3 Medical Student	5	1.4%
4 Nurse	178	50.7%
5 Nursing Student	2	0.6%
6 Respiratory Therapist	7	2.0%
7 Surgery Attendant	13	3.7%
8 Other Attendant	4	1.1%
9 Phlebotomist/ Venipuncture/ IV Team	11	3.1%
10 Clinical Laboratory Worker	7	2.0%
11 Technologist (non lab)	25	7.1%
15 Other, describe	29	8.3%
16 Paramedic	3	0.9%
17 Other Student	1	0.3%
18 CNA/HHA	9	2.6%
20 Security	6	1.7%
Total Records: 351		

Where did the exposure occur?		
1 Patient Room/Ward	120	34.1%
2 Outside Patient Room	4	1.1%
3 Emergency Department	45	12.8%
4 Intensive/Critical Care Unit	40	11.4%
5 Operating Room/Recovery	71	20.2%
6 Outpatient Clinic/Office	8	2.3%
7 Blood Bank	2	0.6%
10 Procedure Room	25	7.1%
11 Clinical Laboratories	5	1.4%
13 Service/Utility Area	1	0.3%
14 Other, describe	17	4.8%

16 Labor and Delivery Room	13	3.7%
17 Home-care	1	0.3%
Total Records: 352		

Was the source patient identifiable?		
1 Yes	344	98.9%
2 No	2	0.6%
3 Unknown	2	0.6%
Total Records: 348		

Which body fluids were involved?		
Blood or blood products	276	78.0%
Vomit	14	4.0%
Sputum	24	6.8%
Saliva	28	7.9%
CSF	0	0.0%
Peritoneal	2	0.6%
Pleural	2	0.6%
Amniotic	10	2.8%
Urine	12	3.4%
BFOther	31	8.8%
Total Records: 354		

Was the body fluid, other than blood, visibly contaminated with blood?		
1 Yes	235	74.6%
2 No	46	14.6%
3 Unknown	34	10.8%
Total Records: 315		

Were the exposed parts:		
Intact Skin	98	27.7%
Non-Intact Skin	50	14.1%
Eyes (Conjunctiva)	225	63.6%
Nose (Mucosa)	7	2.0%
Mouth (Mucosa)	31	8.8%
Other Exposed Parts	10	2.8%
Total Records: 354		

Did the blood or body fluids touch/soak?			
Touch Unprotected Skin	273	83.5%	
Touch Skin Between Gap in Protective Garment	31	9.5%	
Soaked through Protective Garment	10	3.1%	Soaked through Clothing
Soaked through Clothing	13	4.0%	
Total Records: 327			

Which barrier items were worn at the time of exposure?			
Single Pair of Gloves	223	63.0%	
Double Pair of Gloves	21	5.9%	
Goggles	8	2.3%	
Eyeglasses, (not protective)	43	12.1%	
Eyeglasses with Sideshields	2	0.6%	
Faceshield	10	2.8%	
Surgical Mask	51	14.4%	
Surgical Gown	55	15.5%	
Plastic Apron	2	0.6%	
Labcoat, Cloth, (not protective)	6	1.7%	
Labcoat, Other	2	0.6%	
Other	28	7.9%	
Total Records: 354			

Was the exposure the result of?			
1 Direct patient contact	188	54.0%	
2 Specimen container leaked/spilled	15	4.3%	
3 Specimen container broke	3	0.9%	
4 IV tubing/bag/pump leaked/broke	21	6.0%	
5 Other body fluid container spilled/leaked	15	4.3%	
6 Touched contaminated equipment/surface	7	2.0%	
7 Touched contaminated drapes/sheets/gown	1	0.3%	
8 Unknown	1	0.3%	
9 Other, describe	71	20.4%	
10 Feeding/ventilator/other tube separated/leaked/spilled	26	7.5%	
Total Records: 348			

For how long was the blood or body fluid in contact with your skin or mucous membrane?			
1 Less than 5 minutes	278	81.5%	
2 5-14 minutes	43	12.6%	
3 15 minutes to 1 hr	15	4.4%	
4 More than 1 hr	5	1.5%	
Total Records: 341			

How much blood/body fluid came in contact with your skin or mucous membrane?		
1 Small amount (up to 5 cc)	303	90.4%
2 Moderate amount (up to 50 cc)	23	6.9%
3 Large amount (more than 50 cc)	9	2.7%
Total Records: 335		

Exposure location: Largest exposure		
Arm	19	6.0%
Back	1	0.3%
Face/Head	238	74.6%
Foot	1	0.3%
Front	6	1.9%
Hand, left	18	5.6%
Hand, right	32	10.0%
Leg	4	1.3%
Total Records: 319		

Exposure location: Middle exposure		
Arm	8	6.3%
Face/Head	105	82.0%
Front	1	0.8%
Hand, left	6	4.7%
Hand, right	6	4.7%
Leg	2	1.6%
Total Records: 128		

Exposure location: Smallest exposure		
Arm	5	14.7%
Face/Head	8	23.5%
Front	5	14.7%
Hand, left	11	32.4%
Hand, right	2	5.9%
Leg	3	8.8%
Total Records: 34		