



Exposure Prevention Information Network

Official US 2006 Report for Blood & Body Fluid Exposures

Total Cases: 250

Average Daily Census: 3,400

9 Teaching facilities (average daily census = 2,274; total exposures = 192)

24 Non-teaching facilities (average daily census = 1,125; total exposures = 58)

Job category		
1 Doctor (attending,staff) List specialty	15	6.00%
2 Doctor (intern/resident/fellow) List specialty	25	10.00%
3 Medical Student	4	1.60%
4 Nurse	105	42.20%
5 Nursing Student	5	2.00%
6 Respiratory Therapist	7	2.80%
7 Surgery Attendant	10	4.00%
8 Other Attendant	6	2.40%
9 Phlebotomist/ Venipuncture/ IV Team	4	1.60%
10 Clinical Laboratory Worker	6	2.40%
11 Technologist (non lab)	15	6.00%
14 Housekeeper	2	0.80%
15 Other, describe	23	9.20%
16 Paramedic	6	2.40%
17 Other Student	4	1.60%
18 CNA/HHA	6	2.40%
20 Security	6	2.40%
Total Records: 249		

Where did the exposure occur?		
1 Patient Room/Ward	77	30.80%
2 Outside Patient Room	4	1.60%
3 Emergency Department	35	14.00%
4 Intensive/Critical Care Unit	36	14.40%
5 Operating Room/Recovery	40	16.00%
6 Outpatient Clinic/Office	7	2.80%
7 Blood Bank	2	0.80%
9 Dialysis Facility	1	0.40%
10 Procedure Room	13	5.20%
11 Clinical Laboratories	4	1.60%
12 Autopsy/Pathology	3	1.20%
14 Other, describe	12	4.80%

16 Labor and Delivery Room	14	5.60%
17 Home-care	2	0.80%
Total Records: 250		

Was the source patient identifiable?		
1 Yes	239	96.40%
2 No	2	0.80%
3 Unknown	5	2.00%
4 N/A	2	0.80%
Total Records: 248		

Which body fluids were involved?		
Blood or blood products	204	81.60%
Vomit	7	2.80%
Sputum	14	5.60%
Saliva	25	10.00%
CSF	0	0.00%
Peritoneal	3	1.20%
Pleural	3	1.20%
Amniotic	6	2.40%
Urine	9	3.60%
BFOther	34	13.60%
Total Records: 250		

Was the body fluid, other than blood, visibly contaminated with blood?		
1 Yes	161	75.60%
2 No	31	14.60%
3 Unknown	21	9.90%
Total Records: 213		

Were the exposed parts:		
Intact Skin	59	23.60%
Non-Intact Skin	43	17.20%
Eyes (Conjunctiva)	154	61.60%
Nose (Mucosa)	12	4.80%
Mouth (Mucosa)	29	11.60%
Other Exposed Parts	7	2.80%
Total Records: 239		

Did the blood or body fluids touch/soak?		
Touch Unprotected Skin	197	82.40%
Touch Skin Between Gap in Protective Garment	32	13.40%

Soaked through Protective Garment	6	2.50%
Soaked through Clothing	4	1.70%
Total Records: 239		

Which barrier items were worn at the time of exposure?		
Single Pair of Gloves	158	63.20%
Double Pair of Gloves	19	7.60%
Goggles	17	6.80%
Eyeglasses, (not protective)	15	6.00%
Eyeglasses with Sideshields	0	0.00%
Faceshield	13	5.20%
Surgical Mask	38	15.20%
Surgical Gown	43	17.20%
Plastic Apron	2	0.80%
Labcoat, Cloth, (not protective)	3	1.20%
Labcoat, Other	3	1.20%
Other	20	8.00%
Total Records: 250		

Was the exposure the result of?		
1 Direct patient contact	112	45.00%
2 Specimen container leaked/spilled	17	6.80%
3 Specimen container broke	2	0.80%
4 IV tubing/bag/pump leaked/broke	14	5.60%
5 Other body fluid container spilled/leaked	12	4.80%
6 Touched contaminated equipment/surface	3	1.20%
8 Unknown	2	0.80%
9 Other, describe	59	23.70%
10 Feeding/ventilator/other tube separated/leaked/spilled	28	11.20%
Total Records: 249		

For how long was the blood or body fluid in contact with your skin or mucous membrane?		
1 Less than 5 minutes	179	74.30%
2 5-14 minutes	35	14.50%
3 15 minutes to 1 hr	18	7.50%
4 More than 1 hr	9	3.70%
Total Records: 241		

How much blood/body fluid came in contact with your skin or mucous membrane?		
1 Small amount (up to 5 cc)	221	92.90%
2 Moderate amount (up to 50 cc)	14	5.90%
3 Large amount (more than 50 cc)	3	1.30%
Total Records: 238		

Exposure location: Largest exposure		
Arm	13	5.70%
Face/Head	173	76.20%
Front	3	1.30%
Hand, left	16	7.00%
Hand, right	21	9.30%
Leg	1	0.40%
Total Records: 227		

Exposure location: Middle exposure		
Arm	9	9.20%
Face/Head	73	74.50%
Foot	1	1.00%
Front	1	1.00%
Hand, left	7	7.10%
Hand, right	6	6.10%
Leg	1	1.00%
Total Records: 98		

Exposure location: Smallest exposure		
Arm	8	33.30%
Face/Head	3	12.50%
Foot	1	4.20%
Front	4	16.70%
Hand, left	4	16.70%
Hand, right	3	12.50%
Leg	1	4.20%
Total Records: 24		

