

## EPINet Report for Blood and Body Fluid Exposures

Reporting period: Jan 01, 2013 to Dec 31, 2013

Total rate: 5.91 per 100 ADC

Facility where exposure ALL

Teaching rate: 6.64 per 100 ADC

Type facility where occurred: ALL

Non-teaching rate: 4.66 per 100 ADC

3. Dept where incident occurred: ALL

ADC=Average Daily Census

4. Home/Employing department: ALL

5. Job category: ALL

6. Where the exposure occurred: ALL

7. Source patient identifiable: ALL

8. Body fluid involved: ALL

8a. Body fluid contaminated with blood: ALL

12. Exposure was the result of: ALL

### 5. What is the job category of the exposed worker?

1 Doctor (attending.staff) specialty	14	9.9%
2 Doctor (intern/resident/fellow) specialty	7	5.0%
3 Medical student	1	0.7%
4 Nurse	70	49.6%
5 Nursing student	1	0.7%
6 Respiratory therapist	2	1.4%
7 Surgery attendant	4	2.8%
8 Other attendant	1	0.7%
11 Technologist (non lab)	6	4.3%
15 Other, describe	25	17.7%
16 Paramedic	4	2.8%
18 C.N.A./H.H.A.	3	2.1%
20 Security	3	2.1%

Total records: 141

### 6. Where did the exposure occur?

1 Patient room/ward	39	28.1%
2 Outside patient room	3	2.2%
3 Emergency department	20	14.4%
4 Intensive/Critical care unit	16	11.5%
5 Operating room/Recovery	29	20.9%
6 Outpatient clinic/Office	7	5.0%
8 Venipuncture center	1	0.7%
10 Procedure room	6	4.3%
14 Other, describe	13	9.4%
16 Labor and delivery room	5	3.6%

Total records: 139

### 7. Was the source patient identifiable?

1 Yes	137	99.3%
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2 No		1	0.7%
Total records:	138		

### 8. Which body fluids were involved in the exposure?

Blood or blood products	91	64.5%
Vomit	2	1.4%
Sputum	10	7.1%
Saliva	10	7.1%
CSF	1	0.7%
Peritoneal	2	1.4%
Pleural	1	0.7%
Amniotic	4	2.8%
Urine	117	83.0%
BFOther	21	14.9%
Total records:	141	

### 8a. Was the body fluid visibly contaminated with blood?

1 Yes	91	78.4%
2 No	9	7.8%
3 Unknown	16	13.8%
Total records:	116	

### 9. Was the exposed part?

Intact skin	33	23.4%
Non-intact skin	21	14.9%
Eyes (conjunctiva)	91	64.5%
Nose (mucosa)	4	2.8%
Mouth (mucosa)	15	10.6%
Other exposed parts	15	10.6%
Total records:	141	

### 10. Did the blood or body fluid?

Touch unprotected skin	117	83.0%
Touch skin between gap in protective garment	11	7.8%
Soaked through protective garment	2	1.4%
Soaked through clothing	0	0.0%
Total records:	141	

### 11. Which barrier garments were worn at the time of exposure?

Single pair of gloves	88	62.4%
Double pair of gloves	14	9.9%
Goggles	7	5.0%

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Eyeglasses, (not protective)	9	6.4%
Eyeglasses with sideshields	6	4.3%
Faceshield	5	3.5%
Surgical mask	18	12.8%
Surgical gown	26	18.4%
Plastic apron	0	0.0%
Labcoat, cloth, (not protective)	1	0.7%
Labcoat, other	0	0.0%
Other	21	14.9%

Total records: 141

### 12. Was the exposure the result of?

1 Direct patient contact	81	59.6%
2 Specimen container leaked/spilled	5	3.7%
3 Specimen container broke	2	1.5%
4 IV tubing/bag/pump leaked/broke	6	4.4%
5 Other body fluid container spilled/leaked	4	2.9%
6 Touched contaminated equipment/surface	1	0.7%
8 Unknown	1	0.7%
9 Other, describe	29	21.3%
10 Feeding/ventilator/other tube separated/leaked/spilled	7	5.1%

Total records: 136

### 13. For how long was the blood or body fluid in contact with your skin or mucous membranes?

1 Less than 5 minutes	113	82.5%
2 5-14 minutes	14	10.2%
3 15 minutes to 1 hr	6	4.4%
4 More than 1 hr	4	2.9%

Total records: 137

### 14. How much blood/body fluid came in contact with your skin or mucous membranes?

1 Small amount (up to 5 cc)	125	92.6%
2 Moderate amount (up to 50 cc)	8	5.9%
3 Large amount (more than 50 cc)	2	1.5%

Total records: 135

### 15a. Exposure location: Largest exposure

Arm	13	9.6%
Face/Head	103	75.7%
Foot	1	0.7%
Hand, left	7	5.1%
Hand, right	11	8.1%
Leg	1	0.7%

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Total records: 136

### 15b. Exposure location: Middle exposure

Arm	3	5.8%
Face/Head	45	86.5%
Hand, left	3	5.8%
Hand, right	1	1.9%
Total records:	52	

### 15c. Exposure location: Smallest exposure

Arm	1	10.0%
Face/Head	4	40.0%
Front	1	10.0%
Hand, left	1	10.0%
Hand, right	2	20.0%
Leg	1	10.0%
Total records:	10	

### 17. For injured worker: Do you have an opinion that any other engineering control, administrative or work practice could have prevented the injury?

1 Yes	16	15.5%
2 No	82	79.6%
3 Unknown	5	4.9%
Total records:	103	