

EPINet Report for Blood and Body Fluid Exposures



Reporting period: Jan 01, 2018 to Dec 31, 2018 Total Records Read: 505

Facility where exposure occurred: ALL

Type facility where occurred: ALL

3b. Dept where incident occurred: ALL

3a. Home/Employing department: ALL

4. Job category: ALL

5. Where the exposure occurred: ALL

6. Source patient identifiable: ALL

7. Body fluid involved: ALL

7a. Body fluid contaminated with blood: ALL

9a. Did the exposure result in the need to obtain a replacement garment? ALL

10. Barrier items worn: ALL

11. Exposure was the result of: ALL

11a. Did the incident result in an exposure to a hazardous drug? ALL

12. How long was the BBF in contact with your skin or mucous membranes? ALL

13. How much BBF came in contact with your skin or mucous membranes? ALL

Was prophylaxis provided? ALL

Total rate: 12.6 per 100 ADC

Teaching rate: 13.8 per 100 ADC

Non-teaching rate: 9.2 per 100 ADC

ADC is Average Daily Census

34 hospitals

4. What is the job category of the exposed worker?

1 Doctor (attending.staff) specialty	36	7.2%
2 Doctor (intern/resident/fellow) specialty	40	8.0%
3 Medical student	1	0.2%
4 Nurse	245	49.3%
5 Nursing student	1	0.2%
6 Respiratory therapist	14	2.8%
7 Surgery attendant	24	4.8%
8 Other attendant	10	2.0%
9 Phlebotomist/ Venipuncture	11	2.2%
10 Clinical laboratory worker	3	0.6%
11 Technologist (non lab)	36	7.2%
14 EVS/Housekeeper	2	0.4%
15 Other, describe	17	3.4%
16 EMT/Paramedic/ First Responder	6	1.2%
18 C.N.A./H.H.A.	42	8.5%
20 Security	9	1.8%

Total records: 497

5. Where did the exposure occur?

1 Patient room/ward	191	38.7%	2	2
Outside patient room	5	1.0%		
3 Emergency department	62	12.6%		
4 Intensive/Critical care unit	33	6.7%		
5 Operating room/Recovery	115	23.3%		
6 Outpatient clinic/Office	18	3.6%		
10 Procedure room	46	9.3%		
11 Clinical laboratories	6	1.2%		
12 Autopsy/Pathology	1	0.2%		
13 Service/Utility area	1	0.2%		
14 Other, describe	9	1.8%		
16 Labor and delivery room	6	1.2%		
17 Home-care	1	0.2%		
Total records:	494			

6. Was the source patient identifiable?

1 Yes	441	89.3%
2 No	14	2.8%
3 Unknown	34	6.9%
4 N/A	5	1.0%
Total records:	494	

7. Which of the patients body fluids were involved in the exposure?

Blood or blood products	221	43.8%
Vomit	9	1.8%
Sputum	33	6.5%
Saliva	42	8.3%
CSF	0	0.0%
Peritoneal	1	0.2%
Pleural	3	0.6%
Amniotic	5	1.0%
Urine	35	6.9%
BFOther	172	34.1%
Total records:	505	

7a. Was the body fluid visibly contaminated with blood?

1 Yes	239	51.0%
2 No	160	34.1%
3 Unknown	70	14.9%
Total records:	469	

8. Was the workers exposed part?

Intact skin	91	18.0%
Non-intact skin	37	7.3%
Eyes (conjunctiva)	291	57.6%
Nose (mucosa)	11	2.2%
Mouth (mucosa)	36	7.1%
Other exposed parts	14	2.8%
Total records:	505	

9. Did the blood or body fluid?

Touch unprotected skin	114	22.6%
Touch skin between gap in protective garment	14	2.8%
Soaked through protective garment	3	0.6%
Soaked through clothing/uniform	2	0.4%
Total records:	505	

9a. Did the exposure result in the need to remove a garment and obtain a replacement?

1 Yes	2	100.0%
Total records:	2	

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

Single pair of gloves	169	33.5%
Double pair of gloves	25	5.0%
Eyeglasses, (not protective)	34	6.7%
Eyeglasses with sideshields	3	0.6%
Protective Eyewear/Goggles	14	2.8%
Faceshield	15	3.0%
Surgical mask	46	9.1%
Respirator	0	0.0%
Surgical gown	0	0.0%
Plastic apron	2	0.4%
Labcoat/Scrub Jacket (not protective)	0	0.0%
Scrubs/Uniforms (not protective)	0	0.0%
Other Protective Garment	0	0.0%
Other	15	3.0%
Total records:	505	

11. Was the exposure the result of?

1 Direct patient procedure	115	31.6%
2 Specimen container leaked/spilled	12	3.3%
3 Specimen container broke	12	3.3%
4 IV tubing/bag/pump leaked/broke	20	5.5%
5 Other body fluid container spilled/leaked	8	2.2%
6 Touched contaminated equipment/surface	6	1.6%
7 Touched contaminated drapes/sheets/gown	4	1.1%
8 Unknown	6	1.6%
9 Other, describe	84	23.1%
10 Feeding/ventilator/other tube separated/leaked/spilled	48	13.2%
11 Patient initiated (spitting, biting etc)	49	13.5%
Total records:	364	

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

1 Less than 5 minutes	87	75.0%
2 5-14 minutes	17	14.7%
3 15 minutes to 1 hr	12	10.3%
Total records:	116	

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

1 Small amount (up to 5 ml)	121	95.3%
2 Moderate amount (up to 50 ml)	6	4.7%

Total records: 127

14a. Exposure location: Largest area of exposure

Arm	17	5.0%
Face/Head	303	89.1%
Foot	1	0.3%
Front	1	0.3%
Hand, left	10	2.9%
Hand, right	7	2.1%
Leg	1	0.3%

Total records: 340

14b. Exposure location: Middle sized area of exposure

Arm	4	2.8%
Face/Head	133	91.7%
Front	1	0.7%
Hand, left	4	2.8%
Hand, right	3	2.1%

Total records: 145

14c. Exposure location: Smallest area of exposure

Arm	1	7.7%
Face/Head	8	61.5%
Front	1	7.7%
Hand, left	2	15.4%
Hand, right	1	7.7%

Total records: 13