

EPINet Report for Blood and Body Fluid Exposures



Reporting period: Jan 01, 2019 to Dec 31, 2019

Total Records Read: 645

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

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: 13.3 per 100 ADC

Non-teaching rate: 10.6 per 100 ADC

ADC is Average Daily Census

36 hospitals

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

1 Doctor (attending.staff) specialty	34	5.3%
2 Doctor (intern/resident/fellow) specialty	36	5.6%
3 Medical student	4	0.6%
4 Nurse	352	55.1%
5 Nursing student	5	0.8%
6 Respiratory therapist	15	2.3%
7 Surgery attendant	22	3.4%
8 Other attendant	9	1.4%
9 Phlebotomist/ Venipuncture	11	1.7%
10 Clinical laboratory worker	11	1.7%
11 Technologist (non lab)	32	5.0%
14 EVS/Housekeeper	7	1.1%
15 Other, describe	36	5.6%
16 EMT/Paramedic/ First Responder	6	0.9%
17 Other student	3	0.5%
18 C.N.A./H.H.A.	36	5.6%
20 Security	20	3.1%

Total records: 639

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5. Where did the exposure occur?

1 Patient room/ward	272	42.9%
2 Outside patient room	7	1.1%
3 Emergency department	101	15.9%
4 Intensive/Critical care unit	28	4.4%
5 Operating room/Recovery	102	16.1%
6 Outpatient clinic/Office	43	6.8%
10 Procedure room	50	7.9%
11 Clinical laboratories	13	2.1%
13 Service/Utility area	1	0.2%
14 Other, describe	11	1.7%
16 Labor and delivery room	4	0.6%
17 Home-care	2	0.3%

Total records: 634

6. Was the source patient identifiable?

1 Yes	549	85.6%
2 No	21	3.3%
3 Unknown	54	8.4%
4 N/A	17	2.7%

Total records: 641

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

Blood or blood products	277	42.9%
Vomit	17	2.6%
Sputum	46	7.1%
Saliva	74	11.5%
CSF	2	0.3%
Peritoneal	3	0.5%
Pleural	3	0.5%
Amniotic	13	2.0%
Urine	44	6.8%
BFOther	175	27.1%

Total records: 645

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

1 Yes	292	48.4%
2 No	228	37.8%
3 Unknown	83	13.8%

Total records: 603

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8. Was the workers exposed part?

Intact skin	157	24.3%
Non-intact skin	45	7.0%
Eyes (conjunctiva)	310	48.1%
Nose (mucosa)	12	1.9%
Mouth (mucosa)	54	8.4%
Other exposed parts	15	2.3%
Total records: 645		

9. Did the blood or body fluid?

Touch unprotected skin	178	27.6%
Touch skin between gap in protective garment	17	2.6%
Soaked through protective garment	3	0.5%
Soaked through clothing/uniform	3	0.5%
Total records: 645		

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

1 Yes	1	100.0%
Total records: 1		

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

Single pair of gloves	201	31.2%
Double pair of gloves	30	4.7%
Eyeglasses, (not protective)	39	6.0%
Eyeglasses with sideshields	7	1.1%
Protective Eyewear/Goggles	5	0.8%
Faceshield	11	1.7%
Surgical mask	21	3.3%
Respirator	0	0.0%
Surgical gown	0	0.0%
Plastic apron	2	0.3%
Labcoat/Scrub Jacket (not protective)	0	0.0%
Scrubs/Uniforms (not protective)	0	0.0%
Other Protective Garment	0	0.0%
Other	12	1.9%
Total records: 645		

11. Was the exposure the result of?

1 Direct patient procedure	128	38.7%
2 Specimen container leaked/spilled	15	4.5%
3 Specimen container broke	3	0.9%
4 IV tubing/bag/pump leaked/broke	16	4.8%
5 Other body fluid container spilled/leaked	13	3.9%
6 Touched contaminated equipment/surface	3	0.9%

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7 Touched contaminated drapes/sheets/gown	6	1.8%
8 Unknown	4	1.2%
9 Other, describe	64	19.3%
10 Feeding/ventilator/other tube separated/leaked/spilled	36	10.9%
11 Patient initiated (spitting, biting etc)	43	13.0%

Total records: 331

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

1 Less than 5 minutes	112	74.7%
2 5-14 minutes	19	12.7%
3 15 minutes to 1 hr	13	8.7%
4 More than 1 hr	4	2.7%
5 Unknown	2	1.3%

Total records: 150

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

1 Small amount (up to 5 ml)	131	89.7%
2 Moderate amount (up to 50 ml)	15	10.3%

Total records: 146

14a. Exposure location: Largest area of exposure

Arm	14	5.6%
Face/Head	222	88.1%
Hand, left	7	2.8%
Hand, right	8	3.2%
Leg	1	0.4%

Total records: 252

14b. Exposure location: Middle sized area of exposure

Arm	4	3.2%
Face/Head	113	89.7%
Front	2	1.6%
Hand, left	2	1.6%
Hand, right	2	1.6%
Leg	3	2.4%

Total records: 126

14c. Exposure location: Smallest area of exposure

Arm	3	18.8%
Face/Head	13	81.3%

Total records: 16