

EPINet Report for Blood and Body Fluid Exposures



INTERNATIONAL
SAFETY CENTER

Reporting period: Jan 01, 2021 to Dec 31, 2021

Total Records Read: 571

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: 10.5 per 100 ADC

Teaching rate: 12.1 per 100 ADC

Non-teaching rate: 6.5 per 100 ADC

ADC is Average Daily Census
41 hospitals

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

1 Doctor (attending.staff) specialty	35	6.3%
2 Doctor (intern/resident/fellow) specialty	56	10.1%
3 Medical student	6	1.1%
4 Nurse	308	55.6%
5 Nursing student	8	1.4%
6 Respiratory therapist	10	1.8%
7 Surgery attendant	20	3.6%
8 Other attendant	10	1.8%
9 Phlebotomist/ Venipuncture	7	1.3%
10 Clinical laboratory worker	5	0.9%
11 Technologist (non lab)	28	5.1%
12 Dentist	1	0.2%
15 Other, describe	21	3.8%
16 EMT/Paramedic/ First Responder	5	0.9%
18 C.N.A./H.H.A.	27	4.9%
20 Security	7	1.3%

Total records: 554

EPINet Report for Blood and Body Fluid Exposures

5. Where did the exposure occur?

1 Patient room/ward	230	40.9%
2 Outside patient room	1	0.2%
3 Emergency department	68	12.1%
4 Intensive/Critical care unit	29	5.2%
5 Operating room/Recovery	123	21.9%
6 Outpatient clinic/Office	12	2.1%
9 Dialysis facility	1	0.2%
10 Procedure room	22	3.9%
11 Clinical laboratories	10	1.8%
12 Autopsy/Pathology	3	0.5%
13 Service/Utility area	2	0.4%
14 Other, describe	44	7.8%
16 Labor and delivery room	14	2.5%
17 Home-care	3	0.5%

Total records: 562

6. Was the source patient identifiable?

1 Yes	524	92.7%
2 No	17	3.0%
3 Unknown	15	2.7%
4 N/A	9	1.6%

Total records: 565

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

Blood or blood products	322	58.0%
Vomit	7	1.3%
Sputum	29	5.2%
Saliva	44	7.9%
CSF	0	0.0%
Peritoneal	0	0.0%
Pleural	1	0.2%
Amniotic	17	3.1%
Urine	45	8.1%
BFOther	131	23.6%

Total records: 555

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

1 Yes	307	61.2%
2 No	129	25.7%
3 Unknown	66	13.1%

Total records: 502

EPINet Report for Blood and Body Fluid Exposures

8. Was the workers exposed part?

Intact skin	88	23.4%
Non-intact skin	28	7.4%
Eyes (conjunctiva)	275	73.1%
Nose (mucosa)	1	0.3%
Mouth (mucosa)	3	0.8%
Other exposed parts	17	4.5%

Total records: 376

9. Did the blood or body fluid?

Touch unprotected skin	83	74.1%
Touch skin between gap in protective garment	25	22.3%
Soaked through protective garment	3	2.7%
Soaked through clothing/uniform	2	1.8%

Total records: 112

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

Single pair of gloves	179	60.5%
Double pair of gloves	33	11.1%
Eyeglasses, (not protective)	33	11.1%
Eyeglasses with sideshields	8	2.7%
Protective Eyewear/Goggles	15	5.1%
Faceshield	10	3.4%
Surgical mask	216	73.0%
Respirator	0	0.0%
Surgical gown	0	0.0%
Plastic apron	1	0.3%
Labcoat/Scrub Jacket (not protective)	0	0.0%
Scrubs/Uniforms (not protective)	0	0.0%
Other Protective Garment	0	0.0%
Other	31	10.5%

Total records: 296

11. Was the exposure the result of?

1 Direct patient procedure	71	22.7%
2 Specimen container leaked/spilled	19	6.1%
4 IV tubing/bag/pump leaked/broke	27	8.6%
5 Other body fluid container spilled/leaked	4	1.3%
6 Touched contaminated equipment/surface	2	0.6%
7 Touched contaminated drapes/sheets/gown	4	1.3%
8 Unknown	3	1.0%
9 Other, describe	127	40.6%
10 Feeding/ventilator/other tube separated/leaked/spilled	30	9.6%
11 Patient initiated (spitting, biting etc)	26	8.3%

Total records: 313

EPINet Report for Blood and Body Fluid Exposures

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

1	Less than 5 minutes	80	74.8%
2	5-14 minutes	11	10.3%
3	15 minutes to 1 hr	2	1.9%
5	Unknown	14	13.1%

Total records: 107

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

1	Small amount (up to 5 ml)	116	97.5%
2	Moderate amount (up to 50 ml)	3	2.5%

Total records: 119

14a. Exposure location: Largest area of exposure

Arm	17	5.2%
Face/Head	260	80.0%
Foot	1	0.3%
Front	3	0.9%
Hand, left	15	4.6%
Hand, right	23	7.1%
Leg	6	1.8%

Total records: 325

14b. Exposure location: Middle sized area of exposure

Arm	3	2.6%
Face/Head	100	87.7%
Front	2	1.8%
Hand, left	4	3.5%
Hand, right	3	2.6%
Leg	2	1.8%

Total records: 114

14c. Exposure location: Smallest area of exposure

Arm	2	25.0%
Face/Head	3	37.5%
Front	1	12.5%
Hand, left	1	12.5%
Leg	1	12.5%

Total records: 8

EPINet Report for Blood and Body Fluid Exposures

15. Employment status of injured worker:

1	Employee	215	96.0%
2	Temp/Contract	1	0.4%
3	Student	5	2.2%
6	Other	3	1.3%
Total records:		224	