

EPINet Report for Blood and Body Fluid Exposures | 2023



Reporting period: Jan 01, 2023 to Dec 31, 2023

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 Records Read: 678

Total rate: 13.1 per 100 ADC

Teaching rate: 14.2 per 100 ADC

Non-teaching rate: 9.9 per 100

ADC is Average Daily Census 5182

N = 39 Hospitals

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

1 Doctor (attending.staff) specialty	53	8.2%
2 Doctor (intern/resident/fellow) specialty	38	5.9%
4 Nurse	338	52.5%
5 Nursing student	5	0.8%
6 Respiratory therapist	11	1.7%
7 Surgery attendant	30	4.7%
8 Other attendant	21	3.3%
9 Phlebotomist/ Venipuncture	4	0.6%
10 Clinical laboratory worker	22	3.4%
11 Technologist (non lab)	23	3.6%
14 EVS/Housekeeper	2	0.3%
15 Other, describe	18	2.8%
16 EMT/Paramedic/ First Responder	8	1.2%
18 C.N.A./H.H.A.	57	8.9%
20 Security	8	1.2%
21 IV Team	2	0.3%
22 Physician's assistant	4	0.6%

Total records: 644

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5. Where did the exposure occur?

1 Patient room/ward	285	43.0%
2 Outside patient room	3	0.5%
3 Emergency department	106	16.0%
4 Intensive/Critical care unit	23	3.5%
5 Operating room/Recovery	108	16.3%
6 Outpatient clinic/Office	28	4.2%
10 Procedure room	57	8.6%
11 Clinical laboratories	24	3.6%
13 Service/Utility area	5	0.8%
14 Other, describe	4	0.6%
16 Labor and delivery room	15	2.3%
17 Home-care	5	0.8%
Total records: 663		

6. Was the source patient identifiable?

1 Yes	347	89.2%
2 No	3	0.8%
3 Unknown	19	4.9%
4 N/A	20	5.1%
Total records: 389		

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

Blood or blood products	333	55.1%
Vomit	18	3.0%
Sputum	44	7.3%
Saliva	73	12.1%
CSF	0	0.0%
Peritoneal	2	0.3%
Pleural	2	0.3%
Amniotic	9	1.5%
Urine	57	9.4%
BFOther	111	18.4%
Total records: 604		

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

1 Yes	225	58.6%
2 No	99	25.8%
3 Unknown	60	15.6%
Total records: 384		

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8. Was the workers exposed part?

Intact skin	233	42.6%
Non-intact skin	49	9.0%
Eyes (conjunctiva)	357	65.3%
Nose (mucosa)	10	1.8%
Mouth (mucosa)	41	7.5%
Other exposed parts	130	23.8%

Total records: 547

9. Did the blood or body fluid?

Touch unprotected skin	263	88.6%
Touch skin between gap in protective garment	38	12.8%
Soaked through protective garment	3	1.0%
Soaked through clothing/uniform	6	2.0%

Total records: 297

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

Single pair of gloves	277	63.2%
Double pair of gloves	37	8.4%
Eyeglasses, (not protective)	52	11.9%
Eyeglasses with sideshields	9	2.1%
Protective Eyewear/Goggles	19	4.3%
Faceshield	18	4.1%
Surgical mask	201	45.9%
Respirator	3	0.7%
Surgical gown	71	16.2%
Plastic apron	0	0.0%
Labcoat/Scrub Jacket (not protective)	0	0.0%
Scrubs/Uniforms (not protective)	0	0.0%
Other Protective Garment	0	0.0%
Other	148	33.8%

Total records: 438

11. Was the exposure the result of?

1 Direct patient procedure	146	24.8%
2 Specimen container leaked/spilled	69	11.7%
3 Specimen container broke	2	0.3%
4 IV tubing/bag/pump leaked/broke	32	5.4%
5 Other body fluid container spilled/leaked	31	5.3%
6 Touched contaminated equipment/surface	5	0.9%
7 Touched contaminated drapes/sheets/gown	13	2.2%

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8 Unknown	2	0.3%
9 Other, describe	145	24.7%
10 Feeding/ventilator/other tube separated/leaked/spilled	57	9.7%
11 Patient initiated (spitting, biting etc)	86	14.6%
Total records:	588	

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

1 Less than 5 minutes	206	77.7%
2 5-14 minutes	26	9.8%
3 15 minutes to 1 hr	17	6.4%
5 Unknown	16	6.0%
Total records:	265	

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

1 Small amount (up to 5 ml)	238	84.4%
2 Moderate amount (up to 50 ml)	44	15.6%
Total records:	282	

14a. Exposure location: Largest area of exposure

Arm	28	5.9%
Back	2	0.4%
Face/Head	357	75.8%
Foot	1	0.2%
Front	45	9.6%
Hand, left	14	3.0%
Hand, right	22	4.7%
Leg	2	0.4%
Total records:	471	

14b. Exposure location: Middle sized area of exposure

Arm	20	8.4%
Back	3	1.3%
Face/Head	169	71.3%
Foot	2	0.8%
Front	28	11.8%
Hand, left	3	1.3%
Hand, right	6	2.5%
Leg	6	2.5%
Total records:	237	

14c. Exposure location: Smallest area of exposure

Arm	10	12.7%
Face/Head	35	44.3%
Foot	1	1.3%
Front	23	29.1%
Hand, left	2	2.5%
Hand, right	1	1.3%
Leg	7	8.9%
Total records:	79	