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| **SDC 8. Reported HIV and Hepatitis Seroprevalence in Trauma Patients Since 1990** | | | | | | | | |
| **Author** | **Journal** | **Year** | **Design** | **Location** | **Mechanism** | **All Trauma Patients** | **Penetrating Trauma Victims** | **Blunt Trauma Victims** |
| Kaplan | J Trauma | 1992 | Prospective | Charleston | 47% Penetrating  53% Blunt | HIV: 9/286 (3.2%)  hep B: 5/286 (1.7%)  hep C: 22/286 (77%) | HIV: NA  hep B: NA  hep C: 10/91 (11.0%) | HIV: NA  hep B: NA  hep C: 12/195 (6.2%) |
| Caplan | J Trauma | 1995 | Prospective | Baltimore | 19% Penetrating  81% Blunt | HIV: 36/982 (3.7%)  hep B: NA  hep C: 141/982 (14.4%) | HIV: 7/190 (3.7%)  hep B: NA  hep C: 32/190 (16.8%) | HIV: 29/792 (3.7%)  hep B: NA  hep C: 109/789 (13.8%) |
| Sloan | J Trauma | 1995 | Prospective | Chicago | 35% Penetrating  65% Blunt | HIV: 43/994 (4.3%)  hep B: 31/994 (3.1%)  hep C: NA | HIV: NA  hep B: NA  hep C: NA | HIV: NA  hep B: NA  hep C: NA |
| Henein | Amer Surg | 1997 | Prospective | Detroit | NA | HIV: 1/190 (0.5%)  hep B: 5/132 (3.7%)  hep C: 16/132 (12.1%) | HIV: NA  hep B: NA  hep C: NA | HIV: NA  hep B: NA  hep C: NA |
| Chambers | ANZ J Surg | 2001 | Retrospective | Australia | 100% Penetrating | HIV: 2/148 (1.3%)  hep B: NA  hep C: 8/148 (5.4%) | HIV: 2/148 (1.3%)  hep B: NA  hep C: 8/148 (5.4%) | HIV: NA  hep B: NA  hep C: NA |
| Xeroulis | J Trauma | 2005 | Prospective | Canada | 6% Penetrating  94% Blunt | HIV: 0/287 (0%)  hep B: 1/287 (0.3%)  hep C: 8/287 (2.8%) | HIV: NA  hep B: NA  hep C: NA | HIV: NA  hep B: NA  hep C: NA |
| Brady | J Infection | 2009 | Prospective | Philadelphia | NA | HIV: NA  hep B: NA  hep C: 20/158 (12.7%) | HIV: NA  hep B: NA  hep C: NA | HIV: NA  hep B: NA  hep C: NA |
| Seamon | J Trauma | 2011 | Prospective | Philadelphia | 100% Penetrating | HIV: 4/341 (1.2%)  hep B: 2/341 (0.6%)  hep C: 26/341 (7.6%) | HIV: 4/341 (1.2%)  hep B: 2/341 (0.6%)  hep C: 26/341 (7.6%) | HIV: NA  hep B: NA  hep C: NA |
| **Totals:** | | | | | | HIV: 95/3228  (2.9% pooled, 95% CI: 2.4,3.6)  hep B: 44/2040  (2.2% pooled, 95% CI: 1.6,2.9)  hep C: 241/2334  (10.3% pooled, 95% CI: 9.2,11.7) | HIV: 13/679  (1.9% pooled, 95% CI:1.1,3.3)  hep B: 2/341  (0.6% pooled, 95% CI: 0.2,2.1)  hep C: 76/770  (9.9% pooled, 95% CI: 8.0,12.2) | HIV: 29/792  (3.7% pooled, 95% CI: 2.6,5.2)  hep B: NA  hep C: 121/984  (12.3% pooled, 95% CI: 10.4,14.5) |

**SDC 8.** Individual HIV and hepatitis prevalence studies in trauma patients since 1990.