Firearm Acoustic Detection in Hartford, Connecticut: Outcomes of a Trauma Center-Law Enforcement Collaboration

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RESULTS

157 GSW (40.6%) presented via EMS and were included in the sample. Of these, 89 correlated to a detection event (56.7%) and 68 had no correlating event (43.3%).

These two groups had no difference inprehospital treatment times, scene transport duration, and injury severity.

The need for surgery, transfusion, lengths ofstay, and disposition, including mortality, did not differ.

CONCLUSIONS

Hartford’s experience showed no benefit. The potential for such systems to act as early warning systems is evident but may depend on a city’s resources, geography, and technology.

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