

I am trying to find as many references to shrapnel injuries to victims or survivors of 9/11, to give yet another reason to investigate the use of explosives.

"23.8.2.2 Shrapnel Injuries. Shrapnel (solid fragments) traveling at high speeds from the epicenter of an explosion can cause amputations, dismemberment, lacerations or perforations resembling stab wounds, localized blunt trauma such as broken and crushed bones, and soft tissue damage. -[NFPA 921 Guide for Fire and Explosions, 2004 edition](#)

["The next body bag held only a leg. A piece of black plastic shrapnel resembling the grip of a Glock pistol stuck out from the flesh. Beneath the skin, deep in the muscle, she discovered a fragment of a personal check with a routing number and partially legible name."](#)

[Bystander trauma in the World Trade Center disaster](#), article from American Society of Emergency Radiology

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"A 21-year-old white male was watching the rescue effort shortly after the World Trade Center disaster on 11 September 2001 when a fire truck drove past him. The truck drove over a metal object that was propelled toward and penetrated the patient's abdomen. The patient reported feeling something hit his abdomen, noticing a hole in his shirt, and feeling bleeding. He presented to the emergency room complaining of abdominal pain and a wound on his abdomen. Physical exam revealed a jagged wound less than 1 cm in size, just below the umbilicus, that was not bleeding."

From the book [Women at Ground Zero: Stories of Courage and Compassion](#):

"I had burn marks, not like you'd have from a fire, but my face was all red, my chest was red, and for three or four days there was stuff coming out of my body like you wouldn't believe. It was like shrapnel. It's still coming out. I'll look at a little pinpoint under my skin and it will be bleeding." -Sue Keane, Former Army sergeant and police officer

From the book [Covering Catastrophe: Broadcast Journalists Report September 11](#):

"We drove east, away from the World Trade Center area, in an effort to get somewhere safe. We maneuvered the wrong way up one-way streets, stopping twice to pick up injured people: a young woman with cuts on her arm and what looked like shrapnel lodged inside, a police officer with a deep wash in his head, his wound covered with a washcloth."

Ron Insana, CNBC anchor

Tracy Mulqueen, from the article [EMS Worker Now Shuns Reality TV Disaster Series](http://womensenews.org/) at <http://womensenews.org/>:

"The temperatures were so hot down there. The bottom layers were flooded. There were so many things working against anyone getting out."

And thousands of pounds of steel and concrete plunging downward and flattening everything in its way.

Yet she worked on, helping people with chest pains to breath and cleaning up shrapnel-type splinters that had lodged in some people's skin.