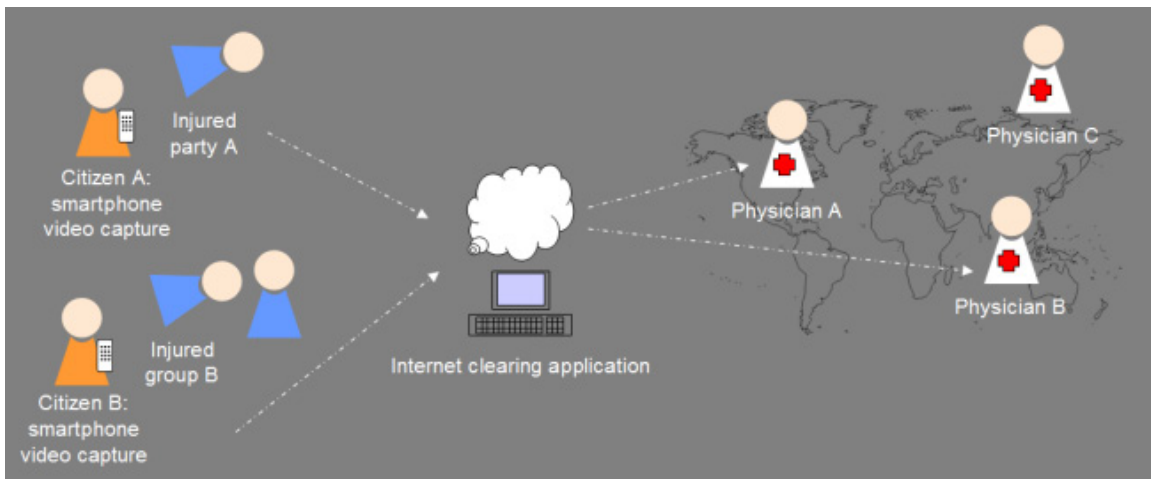


## Disaster Telediagnosis

A massively scalable peer-to-peer clearinghouse application providing streaming video communication between people injured in a crisis situation and remote physicians for diagnosis and ongoing support until hand-off to local health authorities. Whenever an injured party needs to interact with a physician, anyone with a smartphone can take a picture or stream live or archived video coverage to the internet clearinghouse to be connected with any available physician worldwide. There may be multiple interactions between patient and physician, both of whom are mobile, over the course of the case, and continuity can be preserved through high-bandwidth video connectivity. The internet clearinghouse could provide language matching or automated translation, and would log all calls and cases based on GPS and other tagging attributes. Remote physicians could review and annotate patient electronic medical records, and the archived video files would provide patient history.



**Figure 1:** Any citizen with smartphone video capture records injured parties describing their condition, or documents the condition of the injured or dead. Video is streamed to the internet clearing application and on to available physicians, possibly with specialized language capabilities.

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