

**B&A**

**the forensic engineer**

## **Electrical Shock Injury At A Supermarket Meat Cooler - Minnesota**

Brosz and Associates received a request to provide forensic electrical engineering services regarding a young woman who had sustained electric shock injuries from a 120V fluorescent light fixture at a meat cooler.

The woman in question had been jogging, and on her way home, stopped in at a market to pick up some bacon for breakfast. As she reached into the meat cooler, she contacted a defective fluorescent light fixture and sustained an electrical shock. She experienced shortness of breath and a racing heartbeat for about two months. She continued to experience long-term pain and numbness in her left hand, arm, shoulder and neck. Her athletic lifestyle came to a halt, as she was unable to pursue most activities due to the chronic pain.

The accident was reconstructed using our portable electric equivalent of a human. The resulting current measurements confirmed that electric shock internal injury would be likely.

Forensic pathologists opined that damage to nerves and internal tissues after such an event may not be apparent immediately after said event, but delayed tissue damage and injury still occurs. This type of injury requires careful assessment and investigation since the victims' injury sequence is delayed. Subsequent muscle pain and onset of heart problems, asthma and other afflictions may not be immediately connected to the incident, causing the attorney or claims adjuster to assume that all is well. The above claim was initially denied by the grocery store's liability insurer. Eventually settlement was achieved.

For more information, contact Brosz and Associates at 905-472-6660 or visit our website at [www.expertwitness-electric.com](http://www.expertwitness-electric.com).

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