**The many way a tropical cyclone can kill you**

Which are **direct/primary** hazards, and which are **indirect/secondary**?   
Which could be either?

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| **Traumatic injury**, i.e. any injury that causes wounds, broken bones, or internal bleeding | **Acute exacerbation of chronic condition(s)** (e.g. asthma, heart) | **Clean-up** after disaster (e.g. chain-saw injury, electrocution) | **Electrocution**, either in the home, in a shelter, or in the street. (Normally in relation to flooding/water) |
| **Suffocation**, e.g. due to crushing under collapsed building, because of trauma from debris impact, (e.g. damage to windpipe) | **Escaping or fleeing** the disaster (e.g. saw the tornado and fell while rushing down storm shelter stairs) | **Burns**  Keep it clean, and keep it cool. Don’t put cream or a plaster on it! | **Evacuation** (e.g. vehicle accident while evacuating before the storm – driven by you or someone else) |
| **Falls**, whether before/during/after the storm. | **Exposure to industrial or chemical hazards** (e.g. chemical release from damaged production/storage plants) | **Loss/disruption of public utilities** (e.g. loss of electricity supply causes food to spoil leading to food poisoning, or no light leads to a fall at night) | **Hypothermia** (cold)  Your core body temperature falls below 35oC |
| **Hyperthermia** (heat)  Your core body temperature rises above 40.5oC | **Fire or smoke inhalation**  Breathing fire sounds worst, doesn’t it? | **Blunt-force trauma**  Being hit hard enough (with anything) to kill you | **Loss/disruption of transportation-related services** (e.g. lack of medical transport to kidney dialysis) |
| **Loss/disruption of usual access to medical or mental health care** (e.g. oxygen if you have lung disease) | **Crushing**  Squashed flat or crushed just enough to get you with shock when you are released. | **Preparation for disaster** (e.g. falling while putting up storm windows) | **Psychosocial stress or anxiety**  Literally worrying yourself to death |
| **Radiation or chemical poisoning**  You were told not to drink it/touch it/poke it | **Social disruption, including riots or anarchy**  (Whether or not you were involved yourself) | **Penetrating injury**  From falling on a knife, to being impaled by a garden umbrella or cyclone-accelerated pigeon | **Drowning**  The water only needs to be 6cm deep |
| **Return to unsafe, unhealthy structures or environment** (e.g. electrocution)  If it says stay out, stay out? | **Use of temporary sheltering or provisions; displacement**  Who knows who your new neighbours are, or if the water is safe to drink? |  |  |

Green - direct