

# What To Know

# BURN INJURIES

## Ways a Burn Injury Can Occur

- Failure to maintain working smoke detectors or fire alarms. ●
  - Failure to use non-flammable fabrics or other materials. ●
    - Faulty wiring or electrical repairs. ●
    - Unsafe kitchens and kitchen equipment. ●
  - Hot liquid or molten liquid spills, leaks, and other mishaps. ●
    - Dangerous workplaces (with inadequate safeguards). ●
      - Lack of protective gear in the workplace. ●
  - Human error leading to scalding incidents (water, oil, grease, tar, etc.). ●
    - Human error leading to chemical spills and other accidents. ●
  - Human error or equipment malfunctions leading to electrocutions. ●
    - Auto accidents resulting in fires or explosions. ●
    - Defective hot water heaters and furnaces. ●
      - Arson-related fires. ●
      - Construction accidents. ●
- Thermal flash burns caused by explosions of natural gas, propane, gaso-
- line or other flammable liquids. ●
- Thermal flame burns caused by prolonged exposures to the intense heat
- of a flame. ●
- Thermal contact burns caused by hot metals, plastics, glass or coal. ●
  - Radiological burn injuries caused by alpha, beta or gamma radiation. ●