

**LSU Health Sciences Center  
Gamma Knife  
Proc. 19.13.24**

**Electrical System Failure**

**Policy:**

To provide procedures to follow in order to minimize risks to patient and employee should an electrical systems failure occur.

**Procedure:**

If the electrical system fails during treatment, the patient couch will not automatically be withdrawn from the radiation unit and the shielding doors located on the Gamma Knife unit will not close. Any staff (Neurosurgeon, Radiation Oncologist, Physicist, or Nurse) operating the equipment will be responsible for the procedures listed below.

The following actions must be taken:

1. Manually remove the patient from the radiation unit.
2. Manually close the shielding doors.

If couch and collimator do not retract, properly refer to Emergency Procedures.

Written: 2007

Reviewed: 12/2008