Master Logic Diagram

DECOMPRESSION SICKNESS

- **Inadequate denitrogenation**
  - Cabin atmosphere
  - Suit atmosphere
  - Prebreathe

- **Activity during depressurization**
  - Intensity of activity
  - Type of activity
  - Gravity level

- **Excessive EVA duration**

- **Physiological predisposition**
  - Hydration
  - Patent foramen ovale, older age, gender
  - High body fat
  - Lower Aerobic Fitness

- **Inadequate on-site DCS treatment capability**
  - Delayed treatment
  - Repressurization capability
  - 100% O2 availability
  - Availability of adjunct therapy