Risk of Injury from Dynamic Loads

Master Logic Diagram

Injury Due to Dynamic Environments

Extrinsic Risk Factors
- Vehicle Dynamics
- Seat Design
- Restraint Design
- Suit Design

Intrinsic Risk Factors
- Gender
- Age
- Anthropometry
- Spaceflight Deconditioning

Assessment Method Considerations*
- Anatomical Fidelity
- Physiological Response
- Injurious Testing
- Direct Observation of Injury
- Technology Readiness Level

* Non-human health and performance factors