

Biokinetics has been a key player in transportation safety for over 30 years. Developments in automotive crashworthiness, harmonization of international automotive safety standards and automotive injury investigations have contributed to our core knowledge in this field. Our clients have included Transport Canada, the US National Highway Traffic Safety Administration (NHTSA) as well as major automotive safety research institutes.

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Our experience in transportation research and development includes:

- Crash test dummy biofidelity improvements for automotive and motorcycle testing
- Fuel tank fire safety and fuel spill prevention
- Vehicle barrier crash testing
- Seat belt deployment and fit
- Air bag safety
- Out-of-position (OOP) occupants
- Child restraint systems