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Title: The skeletal trauma resulting from a fatal B.A.S.E jump:
a case study showing the impact of landing feet-first under
extreme vertical deceleration

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Highlights

- Case of a fatal B.A.S.E jump from 439 m where the parachute was partially deployed
- Post-mortem computed tomography and coronial data were used to analyze trauma
- Across the whole body, 61 skeletal elements exhibited 80 fractures
- The type, severity and biomechanics of each fracture morphology were discussed
- Bilateral lower extremity fractures indicated the primary impact was to the feet

Abstract:

The term ‘B.A.S.E jump’ refers to jumping from a building, antenna, span (i.e., bridge) or earth (i.e., cliff) structure, and parachuting to the ground. There are numerous hazards associated with B.A.S.E jumps

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