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Evaluation of Possible Head Injuries Ensuing a Cricket Ball Impact

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**Highlights**

- The effectiveness of standard cricket helmet in mitigating head injuries is assessed
- An experimental program and numerical simulations were performed
- A 3D printed head model was used for the experimental program
- Head acceleration, pressure, and energy are compared to various acceptance criteria
- Pressure film results showed a 60% reduction in the impact pressure with the helmet

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