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# DEVELOPMENT OF AN EXPERIMENTAL MODEL OF BURST FRACTURE WITH DAMAGE CHARACTERIZATION OF THE VERTEBRAL BODIES UNDER DYNAMIC CONDITIONS

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**Abstract:**

*Background:* Burst fractures represent a significant proportion of fractures of the thoracolumbar junction. The recent advent of minimally invasive techniques has revolutionized the surgical treatment of this type of fracture. However mechanical behaviour and primary stability offered by these solutions have to be proved from experimental validation tests on cadaveric specimens.

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