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1 **Evaluation of an injectable hydrogel and PMMA in restoring mechanics to compressively**
2 **fractured spine motion segments**

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31
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34 vertebroplasty equipment for use in this study.

35
36 **Background Context:**

37 Compressive fracture can produce profound changes to the mechanical profile of a spine
38 segment. Minimally invasive repair has the potential to restore both function and structural
39 integrity to an injured spine. Use of both hydrogels to address changes to the disc, combined with
40 PMMA to address changes to the vertebral body has the potential to facilitate repair.

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