

## CLINICAL "SNIPPETS"

### **Design and development of a cardiopulmonary resuscitation mattress.**

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**Overview:** This study introduces the design and construction of a mattress insert to produce more effective cardiopulmonary resuscitation (CPR). The mattress insert deflates, making the mattress insert a rigid surface.

**Conclusion:** Running compression tests at incremental time periods, we found that our design reaches and surpasses the compression efficiency when using a headboard in 10 seconds.