



Student Award – Consolation

Shock Absorbing Stretcher

Hema Pradhan
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Scout: Direct

The stretchers used for carrying patients are made quite sturdy as they need to be used anywhere – in hospitals, on roads, at home, in villages, in sports arenas, wherever their requirement is! Moving them over a smooth level surface, like in a hospital, is not uncomfortable for the patient. Still, when s/he is being carried on a stretcher on an uneven surface like a road, the experience becomes forgetful for them sometimes.

Hema observed this first-hand when an acquaintance was being carried on a stretcher on a rough surface. She thought that if bicycles and motorcycles can have a spring/shock absorber, why can't stretchers? Her idea is to have a spring/shock absorber-supported stretcher. This would reduce the impact of jerks/shocks while attendants carry a patient or keep the stretcher down, making the patient feel better.

