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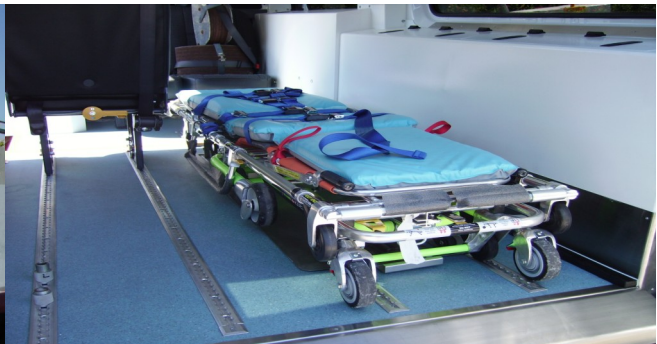


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TESTING OF AMBULANCE STRETCHERS TO AS/NZS 4535-1999

Since 1996, Automotive Safety Engineering has been Crash Testing Ambulance Stretchers, Stretcher Locks and Patient Restraints.



It is important that the tested stretcher remains attached to the ambulance floor and the test dummy restrained to the stretcher using specially developed patient harness.

The patient and items of equipment weight 30—40 times more than their static mass In collision

If not restrained properly, severe or fatal injuries might occur.



There are documented cases where in real life collisions patients were injured when unrestrained inside the ambulance.

The unrestrained patient and equipment can also injure ambulance officers and it is therefore very important to restrain them properly.

The tests can be conducted using...

50th percentile Crash Test Dummy 75kg

Or

95th percentile Crash Test Dummy 94kg

Full frontal and side collisions can be conducted.