

Future Ambulances

Cameron Elliott

URI Department of Biomedical Engineering

Ambulances are critical for caring for injured people. When people are severely injured, they need to be treated right away and ambulances allow for quick treatment.

Ambulances, however, have some flaws. Sometimes, the patients are in areas the ambulances are unable to reach, the ambulance doesn't have enough room to treat the patient properly, there is too many patients to treat, or the ambulance isn't equipped with the enough medical equipment. Students at the Royal College of Art in London have designed five concept vehicles that address and fix the above problems.

The Shell is a concept, featuring a removable shell that increases the treatment space. With the extra space, medics can treat more people at once and they can treat people at their home without even taking the patients back to the hospital.

Autocare is a strange design, including an ejecting seat, which doubles as a backpack that ejects the paramedic into the middle of the action, so he can quickly treat the patient. It can also drive off road at high speeds.

Doctors, economists, and the London Ambulance Services created the Morphing Interior design. The interior is made of soft silicone surfaces that change shapes to deal with different types of emergencies. The silicon can take shape of the patient for infection control.

The Mobile Treatment Unit is like a portable hospital. It delivers hospital treatment to remote areas. It features a pivot in the middle to easily navigate urban and rural streets and it expands for additional treatment space.

The most mobile design, the Ladybird, is a small, 4-wheel drive vehicle with an expandable treatment tent. This vehicle can travel off road in tough terrain, yet the tent provides enough room for 360-degree access to the patients.



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