

# Patient Simulators Train Emergency Caregivers



*Johnson Space Center*

*CAE Healthcare  
Sarasota, Florida*

## NASA Technology

- ◆ Prior to spaceflight, astronauts must be trained in basic emergency procedures and skills
- ◆ Patient simulators on the market were not well-suited for the surprisingly heavy impacts incurred by astronauts training in microgravity



## Technology Transfer

- ◆ METI (now CAE Healthcare) worked with Johnson through Small Business Technology Transfer (STTR) funding to develop more rugged patient simulators
- ◆ The company implemented the improvements into later models of patient simulators that entered the commercial market

## Benefits

- ◆ CAE Healthcare sells its ruggedized models to the Army Medics and the Air Force's Critical Care Air Transport Team, which use the equipment in simulated emergency exercises
- ◆ Newer models include one used in combat casualty and disaster response scenarios and another that operates wirelessly