

- Equipment Request – Simulator Manikin
  - \$105,260.37 (per recent price quote) - **Laerdal 3G Sim-Man** simulator manikin. We have two, however, they are both old, outdated/ no longer under warranty, and have several broken parts (lungs don't rise and fall, pupils quit working, BP cuff won't take BP). Both the paramedic and EMT programs use both manikins weekly.
- Software Request – Simulator Manikin upgrade to include prewritten Pre-hospital scenarios
  - \$9,450 (Per price quote) - **Software** for 64 scenarios in ACLS, Traumas, and Respiratory Emergencies). For this additional cost, the 3G SimMan comes with preprogramed software designed specifically for prehospital patient scenarios. These software programs help ensure the person running the SimMan isn't creating unrealistic patient presentations to the students running the call.

We have 120 EMT students and 20 paramedic students that would share the simulator manikins each week. Both groups of students would use it frequently for performing more realistic skills on a manikin before treating actual patients.

Paramedics are required to meet the "NREMT Psychomotor Paramedic Competency" requirements in all three phases of paramedic training before being allowed to complete the program. Pass/Fail Criteria must be met and students need a minimum of 20 required skills to be successfully checked off before being allowed to move on to their hospital clinical training. Forms must be completed by the instructor and the student's peers. Many of the skills needing to be performed cannot be performed on student actors or on basic CPR type manikins. For best educational results, the manikins used must do the following:

- 1.) Breath with noticeable chest rise and fall
- 2.) Have lung sounds which the student can auscultate
- 3.) Have lungs which can be decompressed using a needle
- 4.) Have a trachea which can be accessed using an intubation tube and or needle
- 5.) Have pulses
- 6.) Have the ability to show an ECG on the heart monitor as well as be defibrillated
- 7.) Have pupils that can react to a pen light, or be made to be different sizes.
- 8.) Have an airway that swells or teeth that clench to make maintaining an airway difficult
- 9.) Show signs of cyanosis when hypoxic

The SimMan does all of the above and more allowing students to perform all of the required paramedic level skills.

Program or Service Unit:

Submitter:

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Funding Source or  
needs funding.  
Please explain

Needs Funding. This year the equipment requested is very expensive and far exceeds what our paramedic program budget can normally handles.

**PLEASE NOTE: If you have multiple requests, please submit multiple forms.**

*Please share as many details as possible such as room location(s), type of equipment and/or software requested. If you have a cost estimate, that would be helpful, we will contact you for more details.*

*Please share as many details as possible such as room location(s), type of facilities request, remodel or construction request, safety concern, or furniture request.*

You will have an opportunity to present your request to the ISIT/FACILITIES OR CTE committee.

I am requesting the following: