



Mobile Vaccination and Test Unit

Story Board

30 . 07 .2020

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The Challenge

The problem we wish to solve is to facilitate the vaccination and testing of as many of the population as possible, when the Covid19 vaccination becomes available.

Mass testing is proving to be difficult and mass vaccination will be a problem for the existing healthcare infrastructure, which will lead to a slower than ideal vaccination rate.

Our approach is simple but innovative, we will design and engineer a process that takes vaccination and testing to the people, with mobile units and an online registration system that can deliver the service.



Mobile Vaccination and Test Unit

Objective

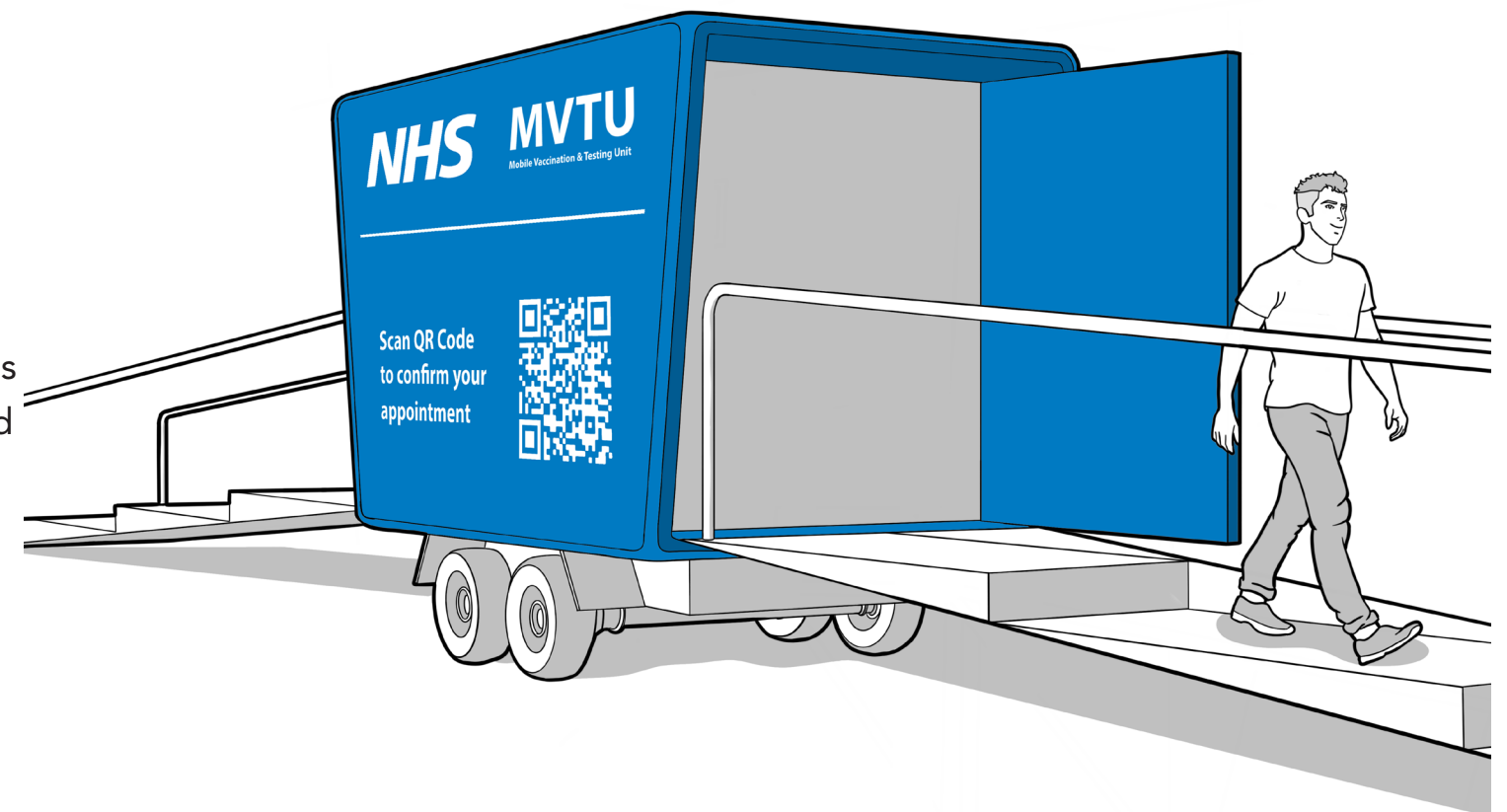
The project will deliver a mobile vaccination and testing unit which will be designed to help local existing and recently recruited healthcare workers to provide a rapid, accurate and caring experience.

The service will be delivered with a unit that can be assembled in local community facilities such as community halls and schools. The mobility of the unit will reduce the time out of home for elderly and vulnerable people. Many rural areas are without local healthcare services. In urban and inner-city areas many people are not registered with a GP and will need to be included in the vaccination and testing programme.

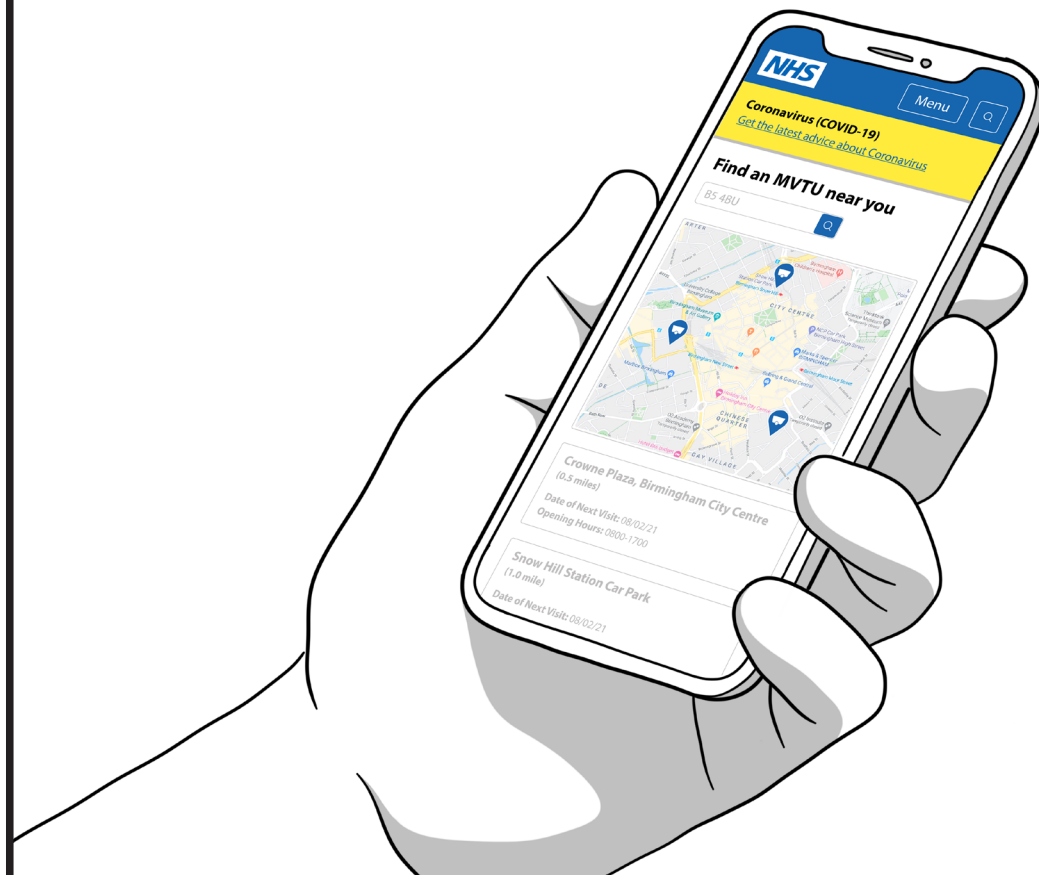
We will work with healthcare professionals to refine and test the design proposals. The approved final design and service model, including a full materials and build specification, will be made freely available to any manufacturer to build and supply local healthcare providers.

The physical design of the units will be accompanied by an online registration system that will alert you when the unit is in your neighbourhood, you will be able to register and reserve your vaccination or testing time slot.

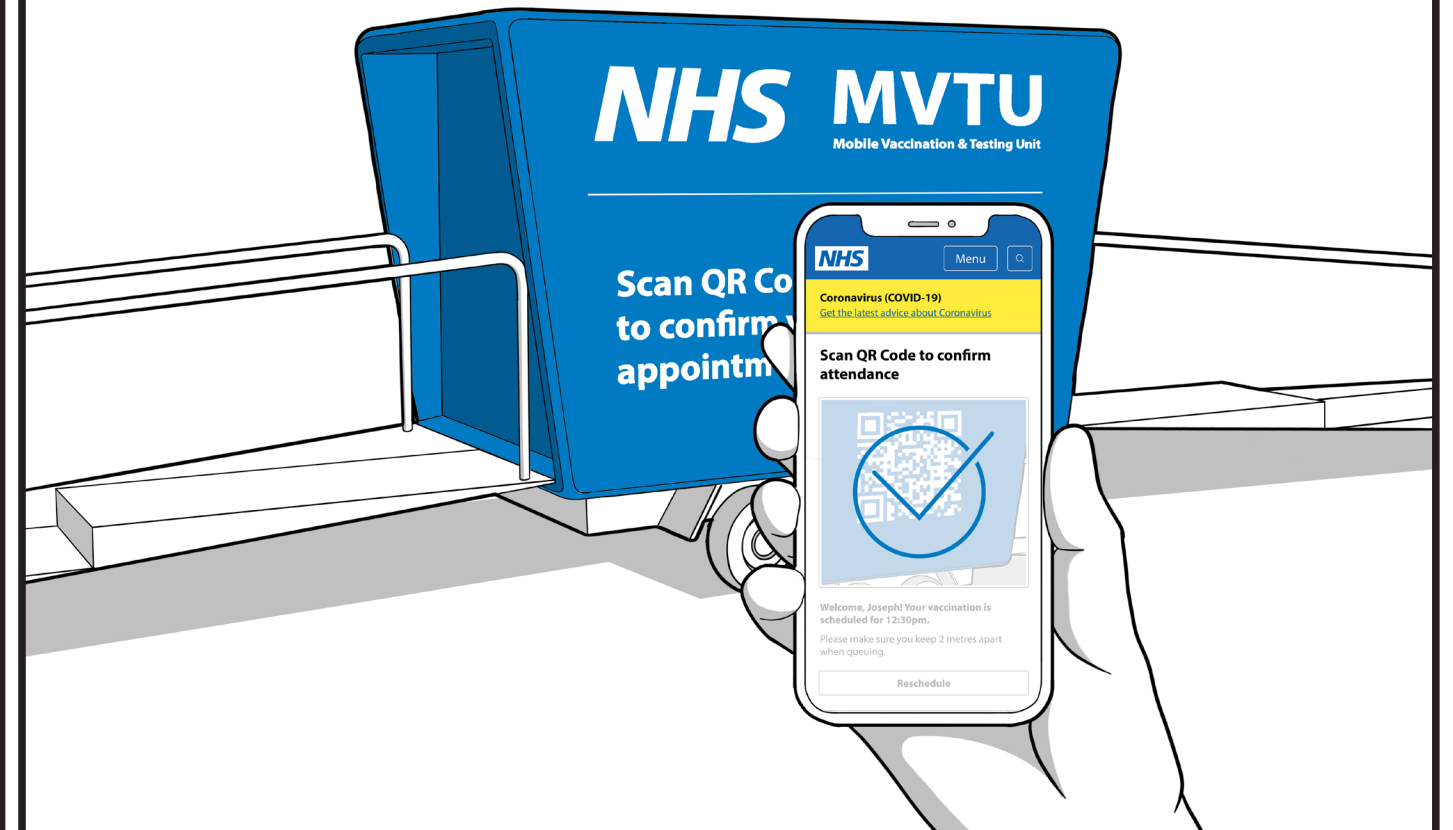
The units can then be reused for mobile medical facilities for events, natural disasters etc.



1. Check for MVU location



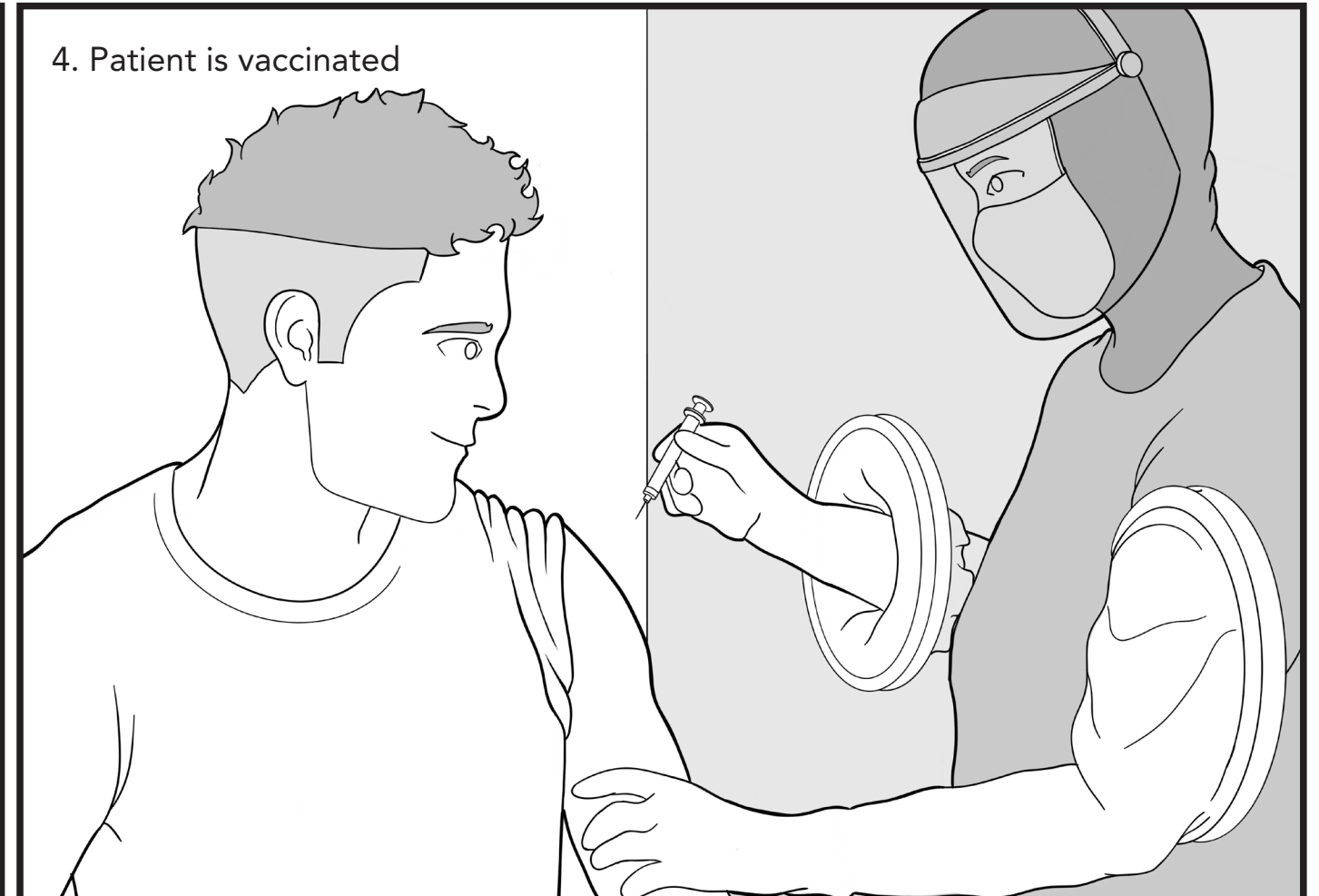
2. Patient scans QR Code on the side of the MVU

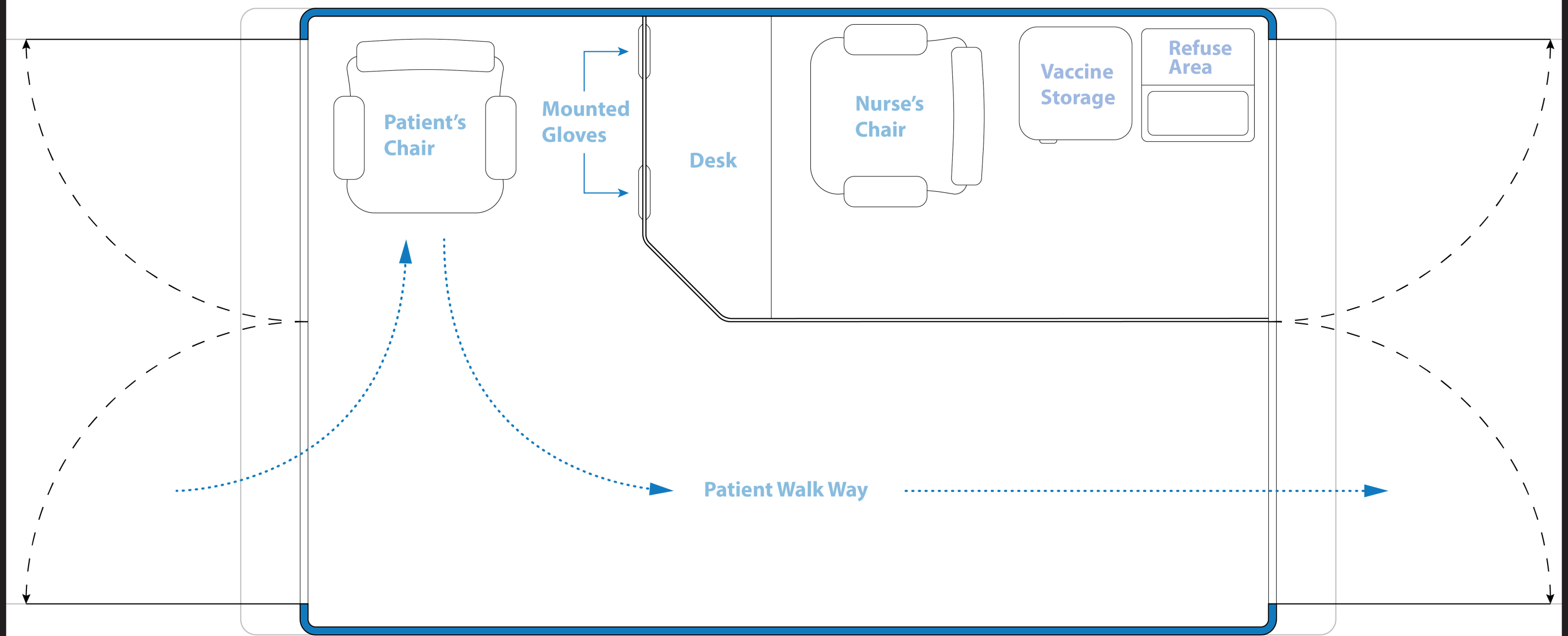


3. Patient ushered into MVU



4. Patient is vaccinated





Mobile Vaccination and Test Unit Specification

Dimensions	300 x 200 x 250 cm
Weight	750kg
Power	20kWh batteries , solar panel and plug in charging
Content	Vaccination Fridge Sterile storage Needle disposal Cleaning Facilities General storage Clean ventilated room One way vaccination/testing for patients

Contact

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