

Request for Proposals (RFP) – Demonstration patients

The British Association of Prosthetists and Orthotists (BAPO) is seeking two experienced demonstration patients:

1. One person with trans-tibial leg amputation caused by diabetes who walks with a trans-tibial leg prosthesis.
2. One person with knee arthritis and medial compartment knee syndrome who wears a knee orthosis (knee brace).

Requests for Proposals (RFP) are sought for two demonstration patients to contribute their stories for inclusion in a new project “Case studies simulation for learning about prosthetics and orthotics”. BAPO has been successful in securing seed funding to develop a new learning resource simulation in the form of a mobile gaming application.

What will the demonstration involve?

The successful applicants will be invited to participate in a one-to-one online meeting with a UK registered Prosthetist or Orthotist. They will be asked to tell their story while seated and the Prosthetist or Orthotist will ask questions about their situation (a history will be taken). The online meeting will be recorded and the video of the meeting will be shared with our British Association of Prosthetists and Orthotists project partner, The Simulation Crew, a games and simulation provider who will develop virtual avatars based on the videos. Please note the video content will be used to base the stories and mannerisms of virtual patient avatars, but the final avatars will be anonymous and will not be a direct representation of the case studies.

The applicant may be an individual or from an organisation able to share their story verbally. The ideal candidate(s) will have:

Essential criteria

- At least 2 years’ lived experience of living in the UK with their health condition and using a leg prosthesis or a knee orthosis for walking.
- An English language speaker.
- A good communicator.
- Aged 18 or over.
- The successful applicants must be able to invoice BAPO as an individual, consultancy, or via an organisation.
- Access to a computer or mobile device with a camera and microphone and the ability to participate in an online meeting.

Desirable criteria

- People with experience of being a demonstration patient for student prosthetists/orthotists.

If you are interested in this opportunity, please submit a letter outlining your relevant experience by **Friday 14 April 2023** by email to:

Sandy Sexton, Education and Practice Development Officer, BAPO
Sandra.Sexton@bapo.com

Further information:**Demonstration patients for a prosthetic and an orthotic case study.**

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About the project:

This project will deliver a game application prototype that will enable support workers and student Prosthetists/Orthotists to interact with simulated patient case studies for learning about prosthetics and orthotics. Learners will be able to listen to and watch the stories told by the simulated patient cases and investigate their situations by asking questions. At critical moments during a simulation, learners will be asked to make decisions about what they should do next in terms of treatment actions. Depending on their decisions, different virtual realities will be explored in the game.

The aim of the app is to help train support workers and students about prosthetics and orthotics care. The gaming app experience will help learners to ask the right questions during history taking and to develop and demonstrate empathic responses. This will help them to develop communication skills and use clinical reasoning to take appropriate decisions about treatment.

BAPO funding for this project has been awarded by Ufi VocTech Trust. BAPO is partnering with The Simulation Crew to deliver the project. The Simulation Crew is a games and simulations provider advising upon and creating the digital solution (s) for the project.

A fee of £175 is available for each demonstration patient. This was estimated at £350 per day for half a day per case study.

About the case studies to be written:

The case studies to be developed in the prototype phase would be two fictional patient cases typically seen in a prosthetic/orthotic clinic:

The prosthetic case study will be about a person with the health condition amputation at trans-tibial level because of diabetes. They will be a prosthetic limb user who arrives at clinic reporting a problem with the fit of their prosthesis, for example. The learner will take a history from the prosthetic case simulation and make decisions on what to do next. The simulation will have alternative futures written into the storyboard depending on the decision of the learner.

Similarly, the orthotic case will be someone with knee arthritis who has knee pain. The learner will be required to take a history and ask pertinent questions to determine the correct course of action.

This will help the content writers develop scenarios around the support worker role.