

The current problem patients with respiratory disorders face is the lengthy wait for a medical appointment. Patients are at risk of extreme exacerbation and sense of powerlessness on a daily basis, which may be reduced with reliable on-demand decision support systems.

The current process of triaging patients in St. James' Hospital is described as being slow and inefficient by the staff working in the emergency department and respiratory clinic.

Trinity Triage is a cross platform mobile app which has the aim to allow non-medical staff to identify how severe the patient condition is and to present their symptoms in a more adequate format. Trinity Triage helps reducing the pressure on medical staff and introduces a valuable manner to triage patients that need to be seen as soon as possible. Patients will also be able to save valuable time by using our app instead of going through the long process of contacting the GP to get a referral for the hospital and then wait to be contacted by the reception team from the hospital. The app format is very easy to use, providing the user with simple questions to be answered. The results of the questionnaire are immediate and will guide the user to continue usual treatment, to call a physician or to go to the emergency room if their symptoms are severe.