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**Crimson Tide PLC**

**("Crimson Tide" or "the Company")**

**CRIMSON TIDE WINS CONTRACT WITH TCP HOMECARE TO INSTALL  
MPRO APP IN EVERY HOSPITAL TREATING HAEMOPHILIA IN IRELAND**

**Number of haemophilia patients using system at home to increase with additional contract**

Crimson Tide – a leading provider of customised business Smartphone applications (mpro) has won a contract with TCP Homecare for a unique mpro hospital application, which will ensure that medication infusions performed on patients suffering from the genetic disease, haemophilia, are carried out in hospital at the maximum level of safety possible.

In Ireland alone there are 2,300 patients living with Haemophilia. It is a requirement for every hospital to hold a stock of life-saving medication in the event that a patient, living or visiting in the local vicinity, needs an infusion due to a medical emergency. If such a case arises, the mpro application will guide the care provider through vital safety checks that need to be carried out before medication-administration is performed. This is made possible through the integration of the industry standard GS1 track-and-trace barcode system. Every patient, medication vial box and location in the supply chain is assigned a globally unique identifier, which in most cases is in the form of a 2D barcode.

The mpro application instructs the care provider to check that the patient's details match those stored in TCP's patient database, which is populated by the Electronic Patient Record (EPR) situated in St. James' Hospital, Dublin. Via use of the barcode scanner on a PDA, the care provider is instructed by the mpro application to scan the medication vial box, which checks that the medication matches the patient's prescription as stored on the database, that it is in date and that it is not on a recall list. Where it is safe to issue the medication, the user is prompted to enter the reason for infusion – ultimately forming part of the treatment history in the patient's electronic chart.

All communication between the TCP database and PDA is managed via Private APN – ensuring that maximum security is maintained. Furthermore, the mpro application will also be able to record any product returns in addition to performing monthly stock takes.

The initial rollout of the mpro hospital application is about to commence at hospitals in Crumlin and St Vincent's, prior to the system being implemented at all 33 hospitals and health centres in Ireland. A similar mpro application is already in use in Ireland by individuals suffering from severe Haemophilia who need to self-medicate in their own homes. These individuals have reported a highly positive response to the PDA application and the number of users is increasing to 125 patients. It fills these individuals with a great sense of relief to know that their medication is completely safe for them to use and that their condition is being closely monitored. In July this year the company will also present its Haemophilia application at the World Federation of Haemophilia in Paris.

“Our collaboration with TCP will further improve the clinical management of haemophilia in Ireland. By relieving hospital staff from excess paperwork, the mpro application will reduce the risk of human error and losing paperwork, while allowing staff to devote more time to patient care. Implementing protocols that regulate safe administration of medications to patients is not only vital in the case of haemophilia, but highly applicable for many other disease groups”, says Barrie Whipp, Crimson Tide’s Executive Chairman.

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