

Medical system for Openerp – Pragmatic Case Study

The Client Description.

EO2 Concepts

EO2 Concepts® is an advanced wound care technology company, and developer of a progressive that provides therapy to difficult-to-heal wounds.

The TransCu O2®

The TransCu O2® is an oxygen delivery system that provides a continuous flow of oxygen to a moist wound. With a 77% success rate, the TransCu O2® system has demonstrated an ability to close wounds that were unresponsive to other advanced therapies. The TransCu O2® is designed to feed an oxygen compromised wound a continuous stream of pure oxygen directly to the wound for 24 hours a day, 7 days a week. The TransCu O2® utilizes enhanced fuel cell technology to electrochemically generate the pure oxygen. This solid-state design allows for the portable and continuous delivery of a new therapy. The new portable oxygen wound therapy, Continuous Diffusion of Oxygen (CDO) therapy, helps optimize the wound healing process. Oxygen plays a pivotal role in many intracellular processes of wound healing regardless of wound etiology. CDO is one of the most targeted approaches in wound care today.

The client was already using one system to manage the work.

The Problem

The client was already using another software to manage their work. The system used did not had any features to manage the accounts , human resources etc.

Managing data from different departments : There was no certain process for the organisation. The systems used for business , managing accounts were different and not linked to each in any way. Thus if data of one system was required by the other , then the work required to be done was tedious and time consuming.It was not possible to generate realtively effective reports .

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Data : It was becoming more and more difficult to manage data . Simple functions like edit , search , filter operations etc were becoming difficult to do easily.

User Interface : There were different systems present for different departments , hence exchanging data from one department to another was becoming issue. Also , the user had to login into different systems at the same time. Thus , there was a need for an integrated system which would connect all the departments in the same system.

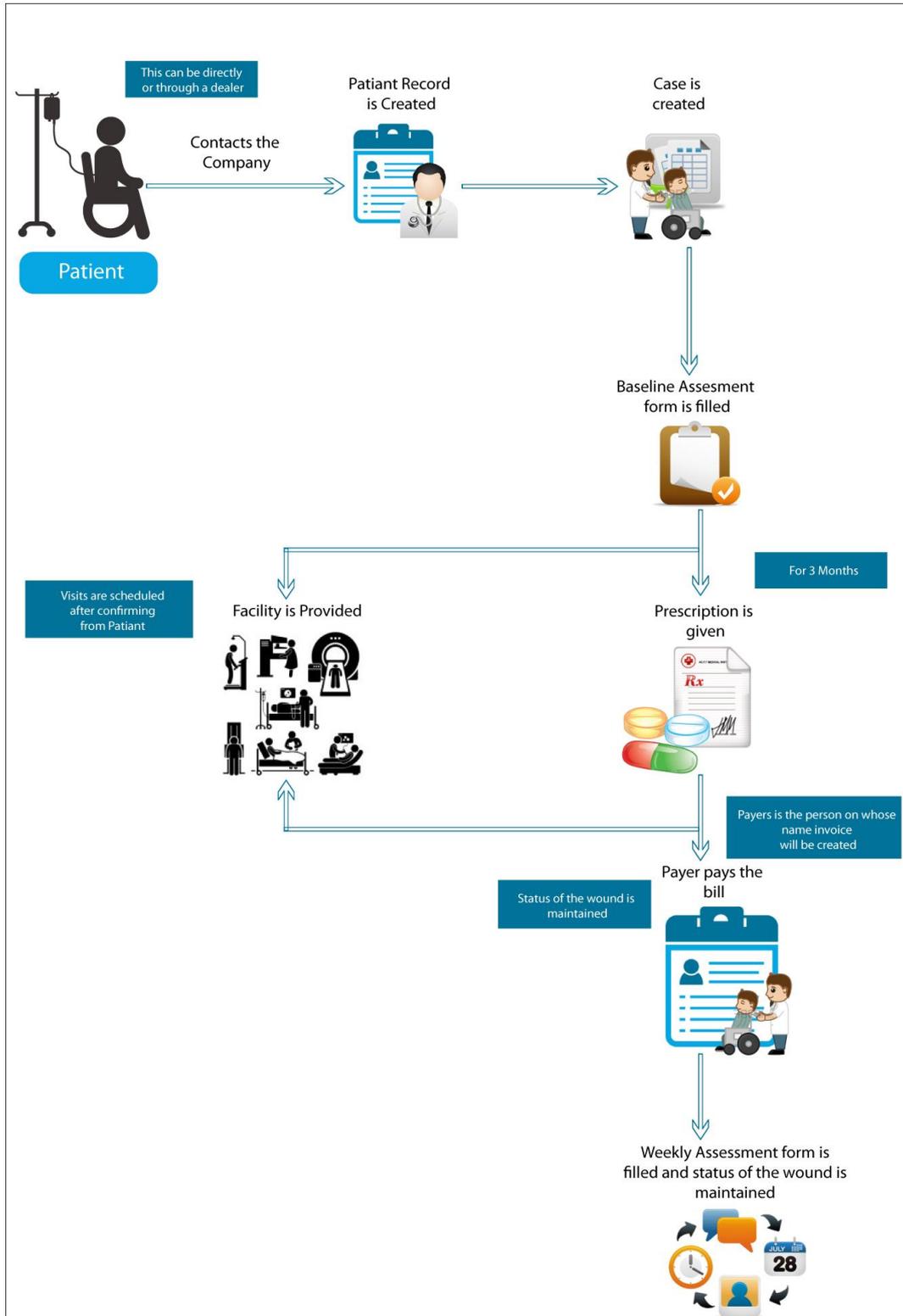
The Solution Proposed.

The Client approached Pragmatic techsoft for the solution . Team Pragmatic gathered the requirements , analysed them and proposed a solution.

The Solution was an OpenERP system , which would be customized to meet the need of the Client.

Different systems were to be connected using Openerp.

Facilities like email servers , SMS , different kind of users , different departments connected through same system etc were available.



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Implementation of the Solution.

Pragmatic Team delivered the solution in various stages.

The Whole system was completed in about 1.5 month.

The system was developed in OpenERP and Agile methodology with Scrum Framework project management was used. The client was delivered system in small working models of code. A continuous feedback of the client was taken and so that system developed is as per client expectations in terms of functionality , money and time.

Benefits of the Solution .

Data Accountability : The data was secure and safe in OpenERP. The increasing amount of data is not a problem any more. It has become easy for the customer to retrieve , store or update the data in the system.

Scalability : Adding new functions to the system is easy.

Lower cost of operations : OpenERP introduced fundamental innovations in managing resources, which eliminates delays and thus reduces cost of operations. For instance, use of mobility allows real-time collection of data, which is indispensable to lowering costs.

Improved reporting: Much of the inefficiency in operational work stems from improper reporting. With an OpenERP system, this possibility is eliminated as reporting follows an automated template system, allowing various departments to access information seamlessly.

Reduced complexity: Perhaps the most elegant argument in the favor of OpenERP systems is that they reduce the complexity of a business and introduce a neatly designed system of workflows. This makes the entire human resource chain more efficient.



Data quality: As compared with manual record-keeping or other traditional approaches, an ERP system improves data quality by improving the underlying processes. As a result, better business decisions can be reached.

One Integrated system for everything : The solution has managed all the data in one system .This has automated many processes . Also the data is readily available to use and decision making. This has helped speed up the whole business.

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