



## Case: mPRO for Pharmaceutical Research

Pharmaceutical Companies are grappling with concerns of non-compliance to Treatment Adherence and patient data capture. The efforts put into get the right drug and measure its efficacy to a certain health condition is in a vacuum state of apprehension till the time it is does not show the right results, which would be possible only when the subjects under trial would administer the drug in complete compliance, coherence and adherence.

The PaDiSys Solution helps pharmaceutical companies to carry out their studies with improved compliance and efficacy rates, consistent and formatted data, reduced patient drop outs and overhead costs.

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# PaDiSys mPRO for an FDA approved study

## Study overview:

PaDiSys used in a yearlong Phase II RCT trial in the area of Gynecology with over 100 women participants and multiple sites across the US. The study demanded a solution that could help patients to improve their compliance for PRO (Patient Reported Outcome) capture using innovative and simple tools.

## Transition to a mobile based solution - PaDiSys

Being a pharmaceutical study and under the purview of FDA, it becomes imperative to ensure the right outcomes and efficacy of the drug. Initially what started off as a paper based approach to capture data was reorganized to use a mobile based solution due to the delay in patient data capture, analysis and submission to the regulators! The solution was thoroughly analyzed and validated for compliance regulations and successfully implemented in the study.

## The NowPos Solution

- Non-compliant patient data
- No means of monitoring patients
- Using paper for data Capture and associated costs
- Delay in analysis and submission of data by conventional processes
- Non-compliance to protocol
- Operational costs of using paper

## The NowPos Solution

We met and spoke to the Pharma Company's project management and operations team, analyzing their problem and guided them to look at a mobile based solution to achieve what they were missing in their study. Additionally, worked closely with them and showcased how they could get better outcomes at the same time improve compliance and data quality, keeping in mind costs.

The research team recognized the need to use mobility as a part of their and a team of experts in the area of mobility implementation for Life Sciences from NowPos worked closely with the research team to design and set up the study in the solution. The NowPos client services team then synced up

## PaDiSys Highlights

- Developed from Ground Up
- Ready Solution for Patient Monitoring
- Ready Solution for Patient Data Capture
- Low Cost Turn Key Solution
- Ability to be customized for different therapeutic areas and specialties
- Can be deployed on Patient's own phone
- No upfront investment, unless customized
- Works on Data and Wifi

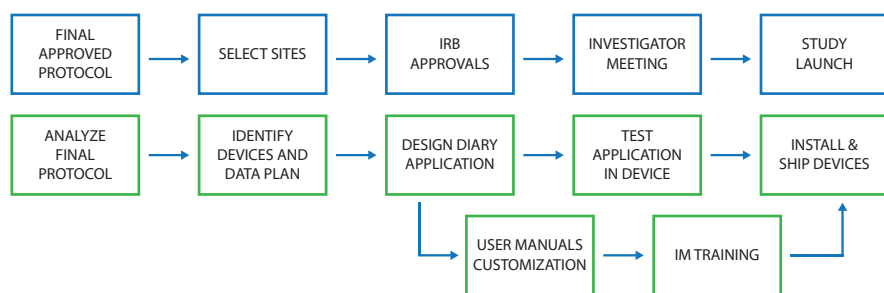
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with the operations team to see that the deployment of the solution is done at the time of study launch. The NowPos team also conducted several training sessions for the Study Managers and Coordinators making them comfortable using the system. This solution was offered on a SaaS model, allowing the Pharma Company to pay on a per patient per month basis, during the study period.

To cater to the complexities of the study protocol, the NowPos team:

1. Designed and implemented different reports
2. Facilitated logistics and administration for delivery of devices to the various sites
3. Provided user manuals for all the users
4. Provided practice mode for the patients

### PaDiSys Implementation process flow:



### Outcome:

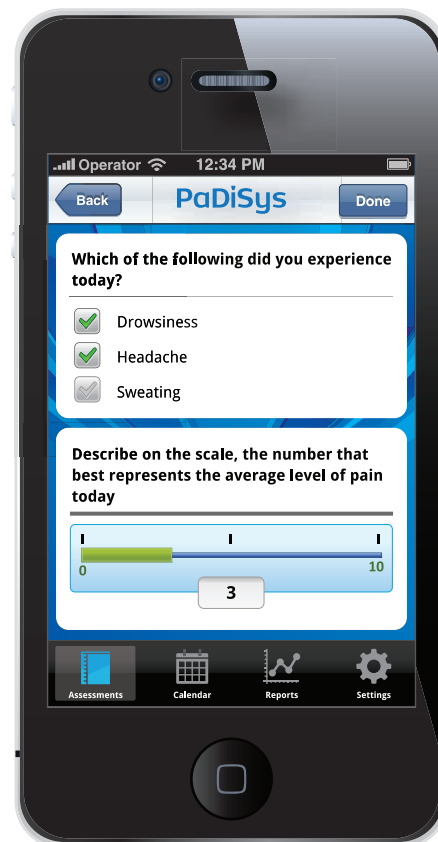
The University's research team was benefited in a number of ways by the implementation of a mobile based solution in their research initiative. Some of the benefits are:

1. Achieved high level of compliance from patients
2. Conducting the study via a comfortable and accepted technology tool
3. On time - Consistent and Clean data capture
4. Reduced timelines by quick data interpretation
5. Provisioning of a web based dashboard for quick data analysis and generation of reports
6. Customized application at a cost effective price

### Conclusion:

The Pharma Company is currently using the mobile application for their Clinical Research and are planning to extend the study European countries, implementing PaDiSys in its protocol.

## About PaDiSys



PaDiSys, the Patient Diary System is a turn key Mobile based solution for improving Treatment Adherence and Patient Data Capture during Pharmaceutical and Academic Research.

Other key areas where the PaDiSys Platform can be used in are Chronic Disease Management, Mental Health, Transitional care; Home based care and Remote Patient monitoring, Bed Side monitoring, Rural Healthcare etc.