



# Achieve Lean, Efficient & Faster Clinical Studies Process with **PlanningForce Clinical Studies**

**The Life Sciences industry has entered the Digital Race. The ability to quickly validate new therapeutic molecules and to minimize the time between patent filing and market entry carries huge stakes for the Life Sciences Industry and for Society at large. The Digital Revolution is offering new levers to tackle this challenge.**

## **Clinical Studies processes are complex and rarely optimized**

Phase 1 and Phase 2 Clinical Trial Studies are complex processes leveraging expensive scarce resources (hard to recruit volunteer patients, medical staff, hospital bed capacity) under strict scheduling protocols.

## **Spreadsheets tools are cumbersome and not intelligent**

Current spreadsheet based tools and practices are just not designed to schedule multiple resources through the same clinical study unit in a way that optimizes their utilization. Nor are they agile enough to deal with inevitable changes in a given study.

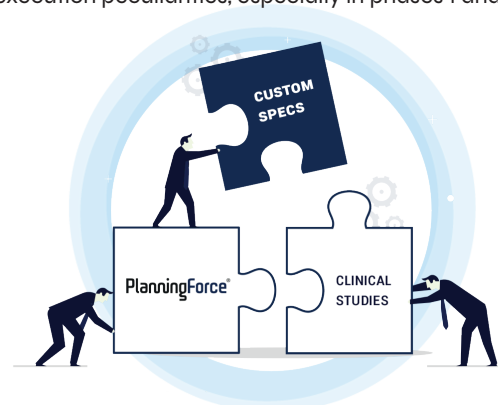
This results into a systemic underutilization of expensive clinical research infrastructure as well as longer overall clinical studies cycle time and cost.

## **PlanningForce Clinical Studies has been developed for leaders in pharmaceutical research**

Years of experience with various pharmaceutical players enabled PlanningForce to gain a deep understanding of the peculiarities and challenges from clinical studies. An intense partnership with J&J and Pfizer helped design a clinical studies specific version of its well established planning & scheduling solutions.

## **A new generation Decision Intelligence and planning solutions for the optimization of clinical studies**

**PlanningForce Clinical Studies** variables, planning algorithms and deliverables all reflect a deep understanding of the clinical studies process and execution peculiarities, especially in phases 1 and 2.



**PlanningForce** is an **innovative Decision Intelligence solution to support supply chain planning** and to solve complex « activity and resource planning and scheduling » problems. This solution is the result of over 15 years of business-applied development (including 5 years R&D at the Polytechnic University of Mons) and a proven methodology to increase productivity and implement best management practices.

PlanningForce is headquartered near Brussels and serves clients in 8 countries

**PlanningForce**

# Early Adopters of **PlanningForce Clinical Studies** see Significant Financial and Operational Benefits

## Early Adopters of planningforce clinical studies see Significant Financial and Operational Benefits:

- Better utilization of their expensive fixed clinical research infrastructure within one or across multiple wards / sites
- Reduction of the number of studies they need to outsource delivering significant cash benefit
- More productive use of planning and execution resources
- More reliable plans to reduce the risk of study failure
- Facilitated communication across all internal and external stakeholders

## Gain agility and clarity

When a study is delayed, PlanningForce Clinical Studies enables agile replanning in a way that respects protocol constraints and supports effective communication across all stakeholders via a single source of truth available to all users in real time.

## Integrate seamlessly with third party systems and create a data warehouse to enable advanced analytics

The use of PlanningForce as central planning system, integrated with third-party systems (LIMS, ERP, etc.) makes it possible to digitalize and optimize key processes and management flows. This allows to feed a data warehouse that enables powerful analytics for ongoing improvement

*The biggest gain when using PlanningForce is the increase in bed occupancy. The planner himself can also work more efficiently. Changes can be made much faster. And the manual checks, formerly in Excel, have now been replaced by the automatic planning function of PlanningForce. This allows us to give faster feedback to our sponsors and speed up the entire feasibility process. In the near future, we will link PlanningForce with other applications and departments.*

Technology Lead R&D at Global Pharmaceutical Company

## WIN THE TIME-TO-MARKET BATTLE

By reducing the average cycle time across all clinical studies and by enabling more effective communication with both upward and downward development phases, companies adopting PlanningForce Clinical Studies reduce the time to bring new vaccines and medicines to the world.

## Test multiple scenarios

Convenient simulation capabilities enable to test multiple scenarios reflecting different molecule availability times, to identify most constraining resources and to test the impact of investment behind some specific scenarios (like bed capacity).

## Get started easily and quickly on your clinical studies digital transformation

PlanningForce Clinical Studies methodology and user interface reflect deep experience in phases 1 and 2 clinical studies processes and realities. Typical resources (such as the number of beds, nursing & medical staff), and process constraints unique to clinical studies are already typically built into the system.

As a result, configuration is easy and quick as it is mainly a matter of setting parameters (no programming).

This means that the solution can be implemented within a 2-3 months timeframe.

If you wish to discuss how PlanningForce Clinical Studies can help you achieve best in class supply chain planning: [sales@planningforce.com](mailto:sales@planningforce.com)

## Decision Intelligence powered by PlanningForce

