

# Your Hospital With and Without Patient Flow Analytics



## With a real-time patient flow analytics system, your organization can:

- Improve the patient journey experience by placing the right people in the right place at the right time.
- Increase operational effectiveness and right size staffing with proactive admission, transfer and discharge (ADT) processes.
- Capture additional revenues by decreasing the length of stay (LOS) and optimizing discharge times.

## Consider the current state of patient flow at most hospitals compared to the gains available upon implementation of the FutureFlow Rx™ patient flow optimization system...



### Current State



### With FutureFlowRx™

#### ADT and Bed Management Quality

Most health systems today have a reactionary approach to ADT, patient flow, census and staffing. There is no way of accurately predicting future patient flows to right-size staffing and optimize workflows.

You can't improve what you don't measure. **With patient flow analytics, you can proactively visualize the current and future patient flow of your entire health system.** Define, visualize, predict and optimize how patients flow through your hospital to prevent future bottlenecks.

#### Hidden Discharges

Discharge processes are open loop, resulting in costly delays. Staff uses spreadsheets stating number of discharges planned for the next 48 hours. However, there is no way to look at patient census with diagnosis codes tied to the typical LOS.

Identify "hidden discharges", i.e. potential candidates for discharge, each morning based on diagnosis codes and average LOS metrics. **Easily view which patients are approaching discharge by diagnosis, past-due discharges, and those with co-morbidity issues requiring a possible diagnosis-related group (DRG) transfer.**



**Current State**

With **FutureFlowRx™**

<p><b>Improve the Patient Journey Experience</b></p>	<p>Patients are often admitted to off-service floors, which can lower HCAHPS scores, increase adverse events and result in costly 30-day readmissions.</p>	<p>Simulating patient flow significantly increases the number of patients admitted to on-service wards. <b>FutureFlow Rx improves HCAHPS scores while lowering readmission rates and adverse events.</b></p>
<p><b>Emergency Department Boarding and LWBS</b></p>	<p>ED boarding and overcrowding is common. Hospital misses wait time and left without being seen (LWBS) goals.</p>	<p>Using patient flow analytics maximizes the number of discharges occurring before 11 a.m., making room for ED transfers. <b>Wait time and LWBS metrics are met or surpassed.</b></p>
<p><b>Staffing and Census</b></p>	<p>Predicted census and staffing are based only on historical data and guesswork with accuracies &lt;80%.</p>	<p>Predicted census and staffing are based both on historical and real-time data with <b>accuracies &gt;95%</b>.</p>
<p><b>Leadership Effectiveness</b></p>	<p>Executive and nursing leadership are pulled into frequent meetings to address bed management and staffing.</p>	<p>Executive and nursing leadership meet only monthly to capacity plan. <b>Leaders can confidently delegate</b> daily tactical bed management and focus on clinical strategy.</p>
<p><b>Staff Satisfaction</b></p>	<p>Rampant frustrations and blame games abound leaving the staff to guess which departments are causing the bottlenecks.</p>	<p><b>Patient flow analytics enhance transparency</b> and surface the metrics for good decision-making, lowering staff stress.</p>
<p><b>The Power to Change Futures</b></p>	<p>Hospitals using patient flow analytics often stop at descriptive modeling, flooding their staff with complex data that can't be easily interpreted or acted upon.</p>	<p><b>Patient flow analytics with a prescriptive component provides possible corrective actions</b>, while keeping the ultimate decision-making authority in the hands of trusted staff.</p>

**About FutureFlow Rx™**

FutureFlow Rx by ProModel uses historical patient flow patterns, real-time clinical data, and discrete event simulation to reveal key trends, provide operational insights, and deliver specific action plans to enhance patient outcomes, lower costs and drive additional revenues. Our platform accurately predicts future events, helping hospitals make the right operational decisions to reduce risk, decrease the length of stay and improve operational margins.

