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PAR Analytics and Optimization

Put data behind every PAR decision.

Stockouts can leave teams without essential supplies, while excess stock ties up budget and increases the risk of waste. PAR Analytics uses available order history and room data to recommend inventory levels that better match demand, helping hospitals reduce shortages and avoid overstocking.

Teams can set a service goal, review proposed levels and placement, then use diagnostics and back testing to explore the effect of a change.



What Makes it Different

Data led room setup

Import order history, item and bin data and rack information; see which analyses the available data supports.

Recommendations aligned with inventory goals

Choose objectives such as fewer stockouts or less overfill and review recommended minimum and maximum levels.

See what needs attention

Track stockouts and order patterns over time, then review proposed changes through back testing.

Flexible ordering schedules

Set review cycles and ordering frequency to match item demand and support more predictable replenishment.

Usage forecasting

Estimate future usage from day of week, monthly and seasonal patterns.

The result? A repeatable way to set initial PAR levels, review recommendations with stakeholders and revisit them as actual usage patterns emerge.

Why It Matters

Set PAR levels with evidence

Move beyond estimates with recommendations based on available hospital data and a clear view of what supports each analysis.

Order with fewer disruptions

Adjust review cycles and ordering cadence to help avoid repeated orders. Fewer deliveries can lower transport and storage demands while supporting sustainability goals.

Anticipate demand shifts

Use day of week, monthly and seasonal patterns to plan for changing usage and reduce the need for urgent replenishment.

See PAR Analytics in action

Schedule a walkthrough ▸

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chooch

info@chooch.com ⊙ www.chooch.com