

SAP Cell and Gene Therapy Orchestration



The **SAP® Cell and Gene Therapy Orchestration** solution helps life sciences companies organize, plan, and execute cell and gene therapy treatments. It covers the orchestration and integrity of the personalized therapy lifecycle and helps ensure that the right patients get the right treatments without errors.

How can SAP Cell and Gene Therapy Orchestration help you change the game?

Today, the market for cell and gene therapies is growing massively, and the demands for personalized therapies are rising. However, traditional supply chains do not apply to these innovative treatments. Integration with a multitude of stakeholders, time sensitivity, small batches made to order, and scalability are some of the key challenges for manufacturers.

Now, SAP customers can meet those challenges by orchestrating supply chain execution and connecting business processes to create greater visibility and reduce cycle time and overall operational costs.

What are the key features of SAP Cell and Gene Therapy Orchestration?

- Track and link patient and product details with chain of identity and chain of custody
- Perform digital order management with configurable orchestration of the delivery process for different therapy modalities
- Manage shipment order lifecycle (courier booking, handovers, etc.)
- Allow confirmation of schedule and manufacturing slot
- Enable digital document exchanges and lifecycle, including labels

What are the benefits?

SAP Cell and Gene Therapy Orchestration helps companies to reduce the turnaround time of inventory while smoothly integrating comprehensive supply chain processes. Other benefits include:

- Reduced data integration costs by providing built-in integration events and interfaces with SAP ERP and open APIs to easily integrate with treatment center platforms and manufacturing organizations
- Reduced risk of quality noncompliance by enabling a chain of identity and chain of custody so that patients get the right medicine
- Reduced order fulfillment lead time by streamlining critical value stream management activities and business processes

Why SAP?

Based on SAP's long-standing industry experience across the entire value chain of supply chain management – from planning, forecasting, and manufacturing to logistics – SAP Cell and Gene Therapy Orchestration extends the enablement of an intelligent enterprise by bringing software intelligence into the core processes of cell and gene therapy. Along with the industry cloud portfolio, SAP combines the power of SAP S/4HANA and SAP Business Technology Platform with industry-leading solutions to provide vertical capabilities that deliver real business value.

Impact

10%-20%

Reduced risk of quality noncompliance (for greater patient safety)*

10%-20%

Reduced data integration costs*

5%-50%

Reduced order fulfillment lead time*

*Source: SAP Value Management service