

Global Clinical Trial Supplies

Flexible, customized drug product manufacturing and supply chain services

Benefits of working with Quotient Sciences for your global clinical trials supply:

- ✓ **Avoid stockpiling and product attrition** by only shipping product when it's required by a patient
- ✓ **Protect precious API** with a logistics strategy that reduces waste
- ✓ **Flexible supply strategies** including bulk, Brite Stock in primary package, or bespoke patient kits
- ✓ **Global supply** to ensure distribution where it's needed, anywhere in the world
- ✓ **In-depth knowledge** on best practice from local rules and regulations, through to guidance and support on import and export licensing



Getting your product to the right patient at the right time

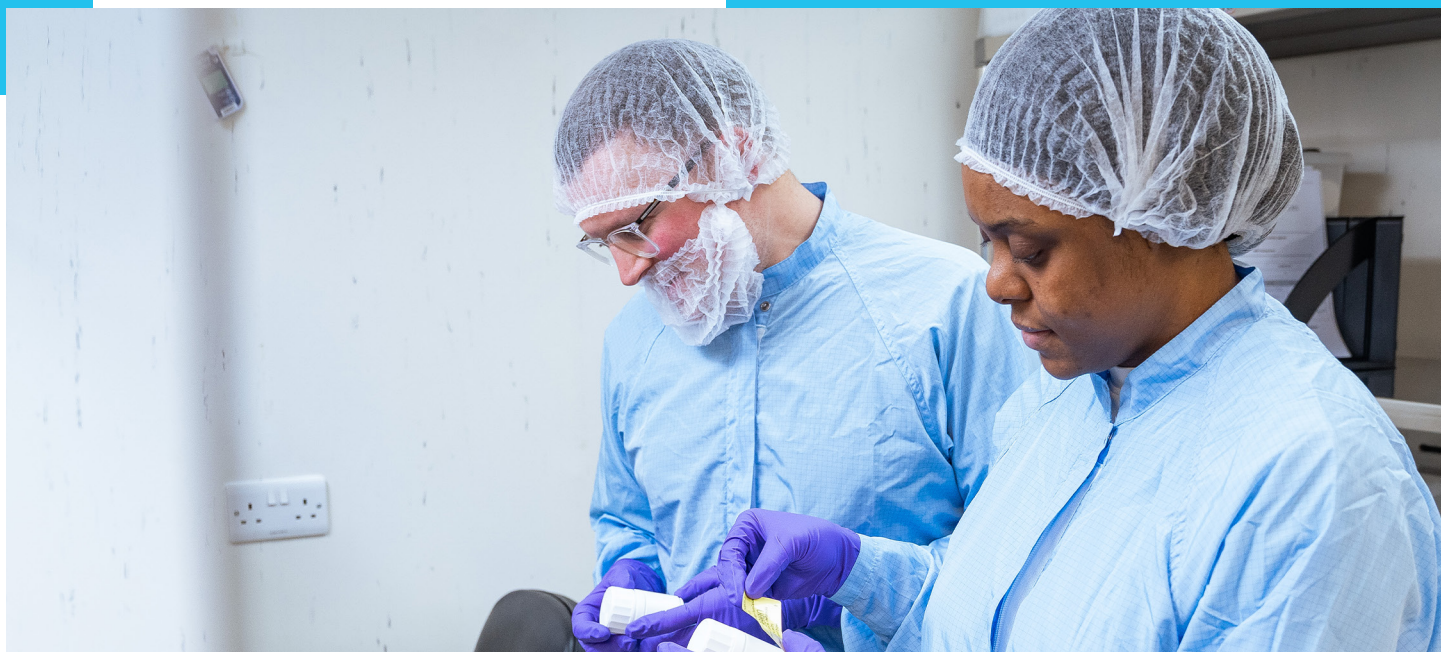
Managing a clinical trial supply chain involves coordinating manufacturers, logistics providers, and warehouses across countries, each with unique regulations and languages. This can cause logistical challenges in addition to drug product overproduction, excess inventory, and waste if not managed carefully.

Quotient Sciences are a trusted partner that will work with you on a flexible packaging, labelling, and distribution strategy for your drug product. We can help simplify your global drug product supply logistics and manufacturing to more efficiently reach clinical sites and patients. Our team will develop and produce your drug product, then smoothly handle flexible packaging, labelling, and distribution, all customized to your trial's needs.

Customized packaging, labelling and distribution services

We understand the time and cost pressures you face during early phase evaluation and work with you to ensure a rapid, seamless path from development to clinical trial supply. We have extensive experience developing and manufacturing drug products with a focus on oral dosage forms.

Our clinical trial supply team works with you to design the most efficient process for drug product supply to your central hub or direct to clinical sites, including the provision of bulk drug product or individual patient kits.



Manufacturing strategies

In addition to traditional bulk manufacturing, Quotient Sciences offer additional strategies where your supplies need increased flexibility: Brite Stock and personalized, just-in-time (JiT) manufacturing. Either approach lets you achieve significant API savings while reducing product waste. When using a JiT labelling and manufacturing strategy, we will design a program that helps you flexibly meet patient and trial supply needs, with added flexibility in cross protocols via drug pooling.

Product packaging & labelling services

We combine customized packaging with flexible label design technology in accordance with your clinical design. Product packaging is scalable, from bulk product to Brite Stock in primary package, and patient kits designed to support clinical design, patient needs, and storage requirements. Labelling is available as multi-language flexible design to meet 1°, 2°, and 3° packaging needs.

Choosing the best approach for your trial: Manufacturing and clinical supply considerations

	Personalized 'real-time' Manufacturing	Bright-Stock Manufacturing	Traditional Batch Manufacturing
Batch Size	Small	Large	Large
Dose Flexibility	High	Medium	Low
Labelling / Shipping	Per Patient / Country	Per Patient / Country	Bulk Product
Shelf-life / Stability	Short-term	Long-term	Long-term
API Consumption	Low	Low	High
Product Average / Waste	Low	Low	High
Cost	Low	Low	High