



JUBILANT
HOLLISTERSTIER

CONTRACT MANUFACTURING & SERVICES

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Aseptic Clinical Trial Manufacturing

...Phase I through III

...Flexible scheduling

...Liquid and lyophilized products

...Designed to minimize product waste

...Automatic filling with ISO 5 capping

...Prequalified container closure systems

...Certified Project Management Professionals

Jubilant HollisterStier Contract Manufacturing & Services is dedicated to providing your liquid or lyophilized clinical trial product safely and efficiently to meet clinical study demands. Our cross-functional teams adhere to best practice lean manufacturing guidelines and are led by Certified Project Managers who help ensure reduced lead times from project kick-off through product distribution. Our Clinical Trial manufacturing area is designed to minimize product waste by providing the latest advances in technology and equipment to support Phase I through III liquid and lyophilized products.

Helping people is what you do best. Let Jubilant HollisterStier take care of the details getting there.

Streamlined Clinical Trial Manufacturing

Newly-expanded

See our capabilities video
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The Clinical Trial Manufacturing (CTM) area at our Spokane, WA, USA facility is available for production of Phase I through Phase III material with 2,112 ft² of production space. The CTM area is designed to ensure separation of activities and includes facilities for equipment preparation, clean storage, aseptic compounding and aseptic filling.

Sterile Filling

- IMA Life Sterifill 100 (MAC) filler
- Fully Servo driven allowing operator control of all adjustments from outside of the filler barrier via the Human Machine Interface (HMI) panel
- Programmable filling nozzle motion allows “bottom up” filling
- Two Peristaltic pumps integral to the filler allows for quick change over and control of the filling process
- Automatic filling with ISO 5 capping
- 2mL to 100mL vials
- Ability to apply nitrogen headspace for oxygen sensitive products
- Up to 80 vials/minute

Lyophilization

- 30 ft² IMA Edwards Lyofast 3 Freeze Dryer
- Cold shelf loading at -45 °C
- Room dehumidification provided
- CIP and SIP
- 2mL to 100mL vials
- All hydraulic cylinders are protected/isolated
- RAID 5 PC providing increased data reliability and performance
- Automatic batch reports generated for:
 - Freeze drying
 - SIP and CIP
 - Defrost
 - Bellow leak rate
 - System leak rate



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Clinical Trial facility:
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We Also Specialize in Multiple Services & Dosage Forms for Commercial Products:

- ...Lyophilization
- ...Ophthalmics
- ...Solids (Tablets/Capsules)
- ...Clinical to Commercial Scale
- ...Fill/Finish of Sterile Injectables
- ...Sterile Solutions & Suspensions
- ...Sterile & Non-Sterile Creams/Ointments
- ...Vials, Ampoules, Bottles, Tubes, Capsules, Tablets