



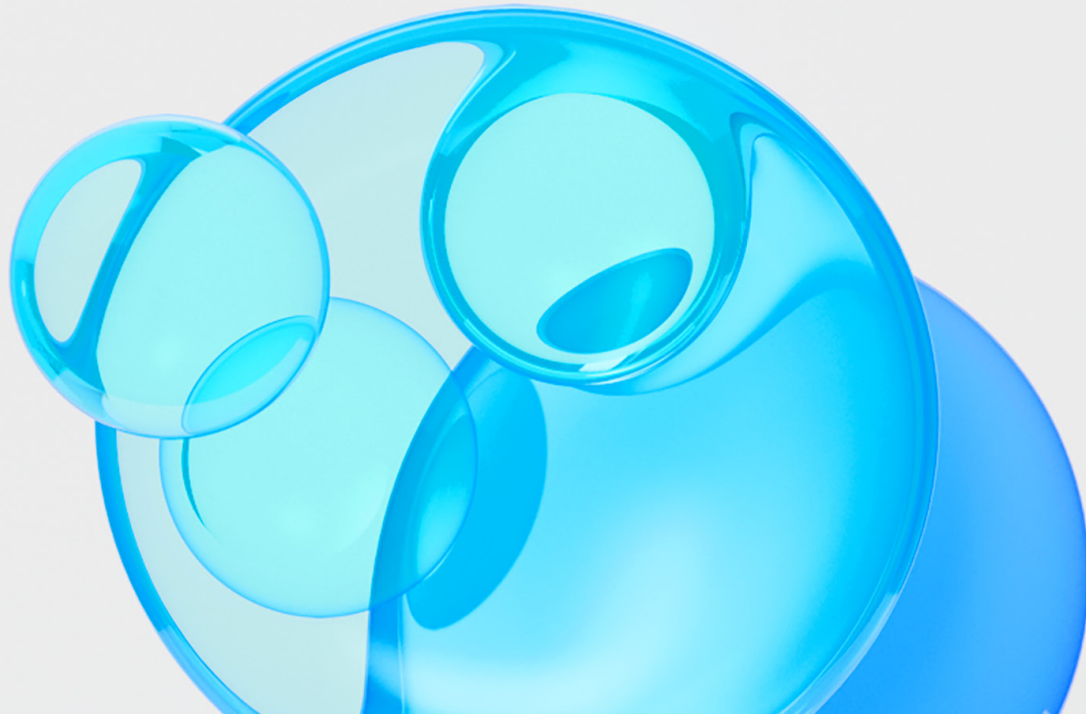
Commercial Packaging | Sterile Manufacturing | Clinical Services

Precision *you can lean on*

Guiding your product from complexity to certainty



sharpservices.com



Engineering know-how that scales

We're a specialist CDMO delivering commercial packaging, clinical trial and sterile manufacturing services across biopharma, from preclinical trials to commercial launch.



2,500+

Employees
US | EU | UK

We're a team of 2,500+ at GMP facilities in the US, UK and Europe. We consistently invest in the global capacity our clients need to innovate, evolve and deliver. So your therapies reach the patients who need them.

Why partner with Sharp?

Client-first, always

You get superior service because we prioritize operational excellence and continuous improvement in everything we do.

Quality is foundational

We have an excellent audit record across all of our sites. At Sharp, quality is the cornerstone of our work.

Proven expertise

Lean on our experts, who know how to manage challenges and mitigate risk as your drug makes its way to market.

Product lifecycle support

Your partner every step of the way, from preclinical trials to commercial launch.

Sustainability taken seriously

We're working hard to reduce carbon emissions in our facilities and to offer you packaging solutions designed for reduced environmental impact.

United by our values

It's a privilege to work in life sciences. We're united through our values and our common purpose which is **to help make lives better.**

We're always learning



We're dedicated



We work as a team



We're resourceful



We're dedicated

Our customers and patients depend on what we do. It's a big responsibility, and we live up to it by being reliable, consistent and determined.

We're resourceful

Our work will present challenges and changes. And we know how, and when, to be agile in response. We adapt, anticipate, and solve problems fast when required.

We're always learning

Health and science don't stand still, and neither do we. We're curious. And we treat every project as a chance to learn and innovate — as individuals and as an organization.

We work as a team

Great things are rarely done alone. We're one team working towards shared goals, and we act like it. We collaborate and support each other across all Sharp's levels and locations.



Get the right support on your path to commercialization

Our integrated clinical services reduce risk and complexity to help expedite your clinical trial. From preclinical through commercialization, our experienced teams manage local and global trials for a range of dosage forms and treatment candidates.



Pharmaceutical Product Development

- Pre-formulation services
- Formulation development
- Comprehensive technical and analytical services



Contract Manufacturing

- Oral solid dose, powders, suspensions, semi-solids
- Design, development and manufacture of placebos and trial doses
- Sterile fill using 100% isolator technology



Primary Packaging

- Bottling — solids and semi-solids
- Blistering — cold form and thermoform
- Pouching — powders, oral solid dosage, medical devices, ampoules
- Tube filling — creams and ointments
- Sterile fill using 100% isolator technology



Labeling and Secondary Packaging

- Label design, translation, regulatory and print
- Label application and kit assembly
- Randomization and blinding
- Cold chain labeling and packaging



Comparator Sourcing

- Regulatory compliant products from local and global markets
- Optimal remaining shelf life
- Manufacture direct sourcing, open market or a blend of both



Storage and Distribution

- Global depot and logistics network
- Cold chain solutions
- Importer of Record (IoR) services



EU/UK Qualified Person (QP) Services

- QP audit declaration and certification
- Compliant with EU and UK legislation
- UK to EU QP recognition



Patient Solutions

- Global direct-to-patient services
- Compliant distribution from clinical sites
- Central pharmacy



Interactive Response Technology (IRT) / Inventory Management System (IMS)

- Visibility of inventory levels
- Automated inventory and resupply management
- Reports, data deliverables and data integrations



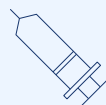
Accelerate your injectable to market

We have the technical expertise and specialist capabilities to safely bring your injectable from clinical through commercial supply. With precision, pace, and sterility assurance from 100% isolator-based fills.



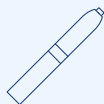
Vial Filling

- $\leq 40,000$ bulk or $\leq 100,000$ RTU vials
- 2R-100R containers
- RTU, bulk glass, or polymer



Syringe Filling

- $\leq 50,000$ units
- 1mL long, 1mL-2.25mL standard
- RTU glass or polymer



Cartridge Filling

- $\leq 50,000$ units
- 3mL
- RTU glass



Lyophilization

- $\leq 60,000$ (10R vial)
- 2R-100R containers
- RTU or bulk glass

Purpose-built for sterility

We have been isolator-based from the start, always offering the highest levels of sterility assurance to protect high-value therapies.

Complex formulations

We have the engineering know-how and industry expertise to develop your product. No matter how complex it is.

Every drop counts

Our bespoke low-loss filling system means there's less than 30mL of product lost between holdup, transfer and line loss.

Ancillary support



Development

- Formulation development
- Lyo cycle development
- Method development



Analytical

- In-process and release testing
- Stability studies
- On-site sterility testing



Rely on 70+ years of commercial packaging solutions

We deliver your drug on time and to exacting quality standards. With deep expertise and disciplined execution, we manage multi-country launches across packaging formats with precision at any scale.



Injectables

- Autoinjector and pen assembly, labeling and packaging
- Pre-filled syringe assembly, labeling and packaging
- Vial labeling and packaging
- Tray and carton packing
- Kitting
- Small to mid-scale sterile fill-finish

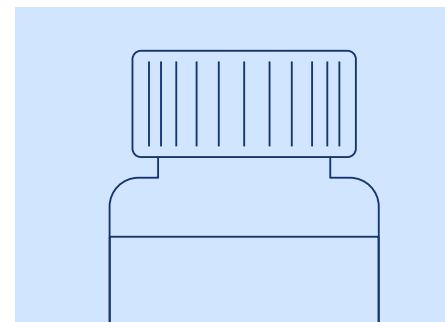


Blisters Primary and Secondary Packaging

- Oral solid dose
- Thermoform and cold form
- Patient packs, hospital unit dose packs, wallet cards
- Child-resistant lidding
- Nitrogen purging, temperature control and ultra-low humidity capabilities

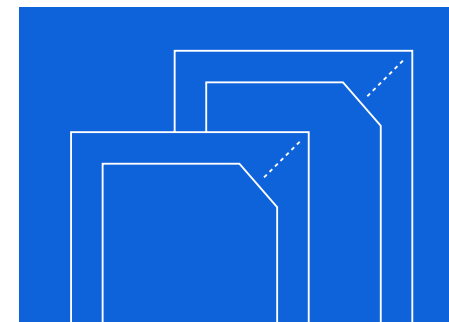
We deliver integrated primary and secondary packaging solutions from our GMP facilities in the US, UK and Europe. Our complementary capabilities include:

- Package design, engineering and testing
- Specialty infrastructure to manage gene therapy packaging
- Cold chain storage
- Controlled GMP warehousing
- Quality Assurance (QA) sampling/ reserve program
- Serialization and aggregation
- Specialty distribution
- Foreign-Trade Zone (FTZ)
- EU/UK Qualified Person (QP) services



Bottles Primary and Secondary Packaging

- Oral solid dose
- Labeling, booklet labels
- Tamper-evident banding
- Child resistant closures
- Induction sealing
- Desiccant and cotton coil insertion
- Nitrogen flush



Sachets and Pouches Primary and Secondary Packaging

- Primary packaging: solid dose and powder
- Secondary packaging: solid dose, powder, thin film and transdermal patch
- Tamper-evident and child-resistant features
- Temperature control and low humidity capabilities



Global reach, regional expertise.
Enabling worldwide access.



US | UK | Belgium | The Netherlands

Contact us at info@sharpservices.com
or sharpservices.com/connect/contact/

