

Sharp is a global leader in pharmaceutical packaging and clinical trial supply services

## INTRODUCING SHARP

Engineered to deliver, we partner with pharmaceutical and biotechnology clients, offering solutions and support from phase I trials all the way through to commercial launch and lifecycle management



Together, our 2,000+ strong team leverage the capabilities offered at our GMP facilities in the US, UK, Belgium and the Netherlands to support clients with a breadth of services for even the most complex drug products.

### Why Partner with Sharp?

- We take sustainability seriously and understand the key role we play in contributing to supply chain emission reductions.
- We are fully committed to a culture of continuous improvement and operational excellence which means we put our clients first, always.
- We have an excellent track record of quality audit accreditation success by authority institutions across the globe.
- Our broad service portfolio offers support throughout a product's lifecycle.
- Our team has extensive expertise, helping you anticipate and navigate every challenge in your drug product's journey to market.

## UNITED BY OUR VALUES

We believe it is a privilege to work in the life science industry. We are united through our values and our common purpose which is to help our clients succeed and ensure their patients who have medical needs can live a better life.



### Quality

We believe it underpins all services we deliver, driving us to provide solutions that guarantee quality, traceability and compliance.



### Partnership

We build relationships based on respect, trust and openness.



### Ingenuity

We bring a commitment to creative thinking and strive to develop innovative solutions.



### Expertise

We bring insight and expertise to offer solutions to complex challenges.



### Energy

We work collaboratively bringing enthusiasm to solve our client's challenges as if they were our own.

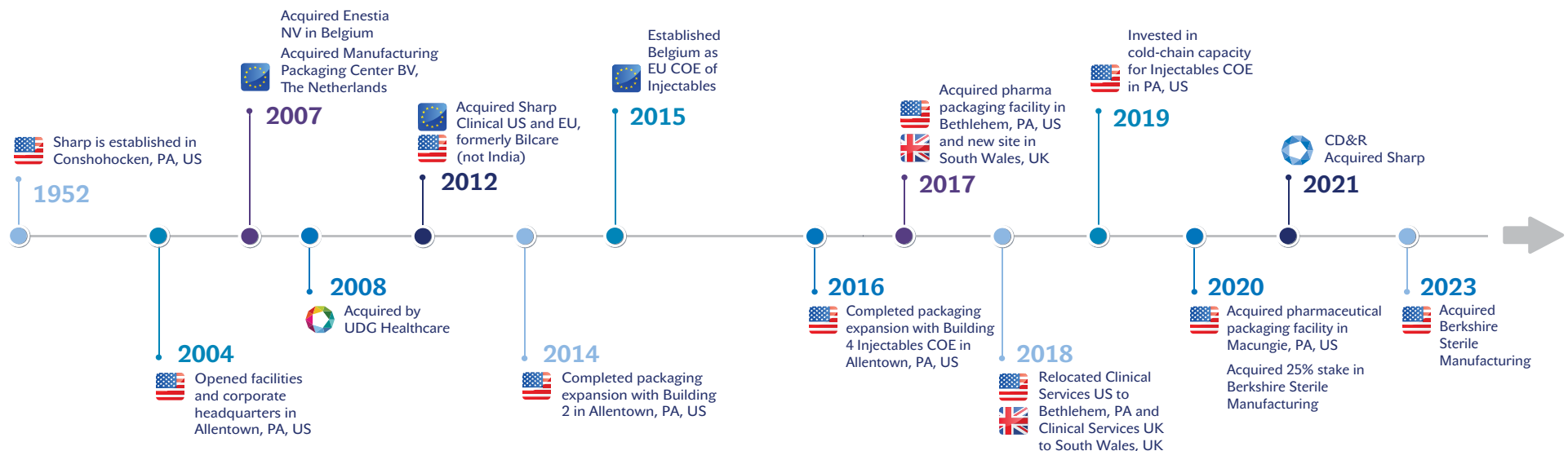
# SHARP'S HISTORY

With a heritage spanning 70 years, Sharp has become a global leader in clinical supply chain services and contract pharmaceutical packaging



## CONTINUOUS INVESTMENTS

We continuously invest in our facilities, new capabilities and talent to ensure we can meet our commitment to provide world-class services to our clients, now and in the future.



## CLINICAL SERVICES

Through our integrated services, we help our clients to reduce the risk, time and complexity of conducting clinical trials



We provide a complete range of clinical services from the pre-clinical stage through to commercialization. Our project management and operational teams have vast experience in managing local and global clinical trial supplies for a wide variety of dosage forms and innovative treatment candidates, including orphan drugs and gene therapies.



### 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 & 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 & 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

**Clinteract**  
Powered by Sharp

**Clinventory**  
Powered by Sharp

## PACKAGING CAPABILITIES

With 70 years in the packaging business, Sharp has both the experience and expertise in pharmaceutical packaging to design and engineer a vast range of solutions for your product



We provide innovative primary and secondary packaging solutions from our GMP facilities in the US, EU and UK. Through experience and technology, we can engineer solutions for the most complex packaging needs including rapid, multi-country launches and for small batch rare disease orphan drugs and gene therapies.

Our breadth of capabilities and expertise to complement our core primary and secondary packaging services include:

- Package design, engineering & 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
- Free Trade Zone (FTZ) services
- EU/UK Qualified Person (QP) services



### Injectables

- Autoinjector & pen assembly, labeling and packaging
- Assemble, label and package YpsoMate®, Molly® and Physioject™ devices
- Pre-filled syringe assembly, labeling and packaging
- Vial labeling and packaging
- Tray and carton packing
- Kitting
- Small scale sterile fill/finish



### Blisters Primary & 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



### Bottles Primary & 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 & Secondary Packaging

- Solid dose, powder, thin film and transdermal patch
- Die-cutting capabilities for thin films and transdermal patches
- Tamper-evident and child-resistant features
- Temperature control and low humidity capabilities

# GLOBAL FACILITY NETWORK

Sharp's network of GMP facilities across the US, UK and EU offer global reach, production scalability and risk mitigation.





US | UK | BELGIUM | NETHERLANDS