



Chronology of Service to Pharma

Partnering with Pharma Begins

Flagyl IV RTU (metronidazole injection) in Viaflex container was the first Pharma product approved by FDA

Ancef (cefazolin injection) was the first frozen, aseptically filled pharma product approved.

Ancef (cefazolin sodium) approved in fully-automated non-pvc bag

Acquired Biodome S.A. Added vial reconstitution systems, Bio-set Luer and Bio-set Infusion

Acquired Cook Pharmaceutical Solutions business. Parenteral contract manufacturing services include formulation development, syringe and vial filling, open and blinded labeling and blister packaging.

Signed agreement for use of RTP Pharma's IDD Technology for formulation of insoluble drugs

Launched NANOEDGE Technologies, a toolbox of formulation technologies for insoluble drugs

Acquired Epic Therapeutics, Inc. which added additional formulation offerings such as PROMAXX protein microsphere technology for immediate or sustained release.



1981

1983

1991

2000

2001

2002

2003

Cook Pharmaceutical Solutions

1991

1993

1999

Phase One - Plant construction complete

- Three small filling lines for vials and syringes
- Additional capabilities included aseptic formulation, freeze drying and secondary packaging
- Manufactured proprietary contrast imaging agent primarily
- 15 employees

Started contract manufacturing. 30 employees

Phase II complete – 160 employees

- First US plant built using state-of-the-art pre-made modules supplying capacity for growing pre-filled syringe demand
- New building (C) consists of 24 modules and accommodates two high-speed syringe filling lines with supporting sterile blocks

Baxter Healthcare Corporation acquisition of CPS announced in June. Transaction closed on August 17.

- Achieved financial milestones in R&D and QC stability
- Had a record number of audits and client visits, all with very positive outcomes
- Implemented state-of-the-art sterility testing facility
- Hired **118** employees, total headcount, **340**

Phase III complete. Additional 24 pre-made modules - included three commercial scale freeze dryers and a high-speed vial filling line - running at about 300 units per minute for vial sizes up to 100 mL. Total headcount, 531.

- Record sales in Q1 (almost totaled entire sales of 2001). Leading parenteral contract manufacturing of pre-filled syringes in North America. 563 employees.
- Additional high-speed lines: syringe filling & syringe and vial labeling/packaging; cartridge filling/assembly
- Additional R&D lab space