

# PARENTERAL CDMO

Grifols Partnership



Better together

75 years' experience  
in **sterile and lipid**  
**solutions.**



GRIFOLS



## Vital statistics

Year founded: 1940

Number of Employees: Over 14,000

Annual Worldwide Revenues: 3.9 Billion €

Grifols is one of the world's leading pharmaceutical companies with 30 subsidiaries, and operations in more than 100 countries.

## Who we are

Grifols Partnership is a business to business contract development and manufacturing platform for sterile solutions and lipid emulsions with over 75 years' experience in producing intravenous solutions for the pharmaceutical industry worldwide.

## Major markets

Over the years we have established successful relationships with customers in global markets, including North America, Canada, Australia and Europe in the following areas:

- Human & Veterinary fields
- New product development
- Generic drugs

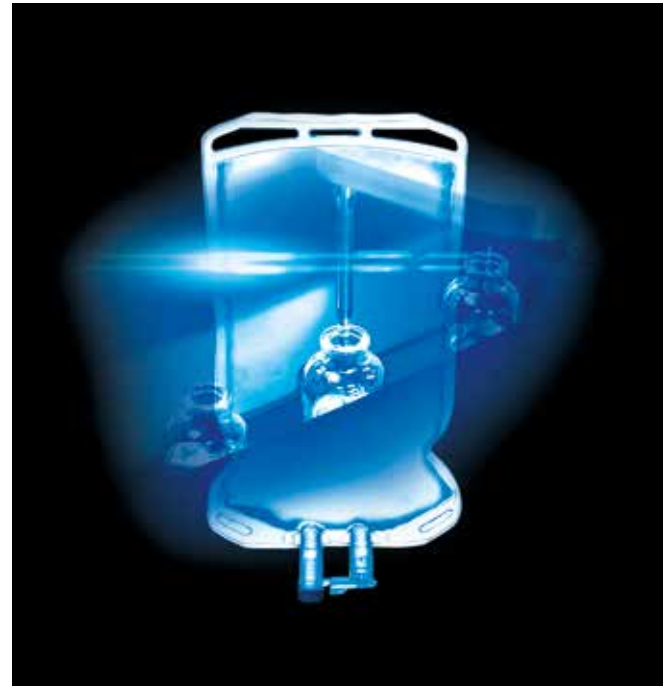


## Services offered

Our high level of specialization allows us to offer pharmaceutical development and manufacturing for products that require advanced technology and complex production processes, such as sterile solutions and lipid emulsions.

Medical devices that require meticulous design and assembly are also offered and customized.

Grifols Partnership has two FDA and GMP approved manufacturing facilities in Spain for intravenous solutions that have parametric release certification.



## Our Approach

Grifols Partnership works together with the customer from the early stages of development until commercial manufacturing.

- Pre-formulation and development
- Scale-up and technology transfer of methods
- Validation batches
- Process scale-up and pilot production including 10/300L reactors
- ICH stability studies
- Analytical development and validation
- Clinical batches
- Dossier support documentation
- Commercial manufacturing of industrial batches
- Labeling and packaging

### Technological capabilities:

- Aqueous (LVP & SVP)
- Diluents for reconstitution
- Emulsion technology
- Form Fill Seal (FFS) technology for PP bags
- Manufacture and filling of oxygen and light sensitive products
- Terminal sterilization

### Container Technologies

- Vials: 5ml to 50ml, glass and plastic
- Glass Bottles: 50ml to 500ml
- Flexible Polypropylene IV Bags: 50ml to 3000ml

For more information, please contact us: [partnership@grifols.com](mailto:partnership@grifols.com)

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