

# Benta Pharma Industries





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## LETTER FROM THE CEO

*Benta Pharma Industries has become a leader in the pharmaceutical and healthcare industry, aiming for excellence, embracing innovation and establishing partnerships for sustainable growth. At BPI, we are committed to improving human health and well being through manufacturing High-quality pharmaceutical products and medical devices.*

*Clinching a summit means achieving a new goal, however, every new peak reveals new challenges on the horizon. For this reason we have already begun implementing a new strategic plan designed to drive the company into fulfilling its broader vision.*

*Founded on the backbone of quality, we comply with the highest international quality standards; we are certified by multiple international, regional and local organizations. BPI has earned the European Good Manufacturing Practice (GMP), ISO 9001:2015 and ISO 13485:2016. BPI holds several patents for its products; The medical devices we produce meet the highest standards of the European Union and they have acquired the CE marking.*

*Innovation for us is another fundamental elements of business. Our scientific professionals and experienced talents conduct extensive research on the current trends as well as integrate the newest technologies and industrial operations into our manufacturing processes. BPI has developed state-of-the-art production facilities that include the production of sterile, cytotoxic and biotech products in addition to intra ocular lenses.*

*We have laid the foundations and we are now venturing into the future armed with extensive experience in the healthcare field as part of Benta Group. BPI is expanding strategically, with a presence in over 40 countries so far. Headquartered in Lebanon, BPI has regional head offices in Europe, the Gulf and Africa. Our industrial operations take place at ultramodern multipurpose sites located in Lebanon and Egypt. We work eagerly to develop strong collaborations that ultimately help us expand each community and together with our partners we can work on our common goal of improving patients' lives.*

*The key ingredients of BPI's success have been quality, innovation, development, talented people and expansion. Through our hard work and dedication in creating high quality products, integrating the newest technologies into our manufacturing processes, and continuously developing the talents of our employees, we are able to expand globally and become leaders in the pharmaceutical field. The true beneficiaries of our efforts are our patients as well as our community and, that is the biggest success of all.*



*Sincerely yours,*  
**Bernard Tannoury**  
Chairman & CEO



## Company Overview

Benta Pharma Industries – BPI is a leader in the pharmaceutical industry, committed to manufacturing high quality pharmaceutical products as well as medical devices, thus improving human health and well being.

BPI has become a front runner in manufacturing enhanced formulations for the treatment of a wide range of central nervous system and cardiovascular diseases, dyslipidemia, diabetes, urology, dermatology, anesthesia, transplant, infection, and hematology. BPI also produces oncology, biotech and sterile products.

BPI manufactures high-quality sterile medical devices, have earned their places in reputable hospitals and are manufactured to be useful in areas of anesthesia, urlogy, surgery, cardiovascular and IV administration. BPI also produces Intra Ocular Lenses.

BPI has earned a number of international, regional, and local certificates. Among the most important of them are the European Good Manufacturing Practice (GMP) and ISO 9001: 2015. Our medical devices also meet the highest standards of the European Union and have acquired the CE marking.

## Vision

Striving to become a global leader in the pharmaceutical industry, we aim for excellence in quality, integration of innovative technologies and we maintain vital long term partnerships for sustainable growth.

## Mission

We are dedicated to human welfare by manufacturing high quality pharmaceutical products and medical devices.

## Values

### Integrity

We adhere to the highest standards of business ethics delivering what we pledge and working to earn the trust of our customers and partners.

### Innovation

BPI continues to innovate, we are never static. We research new trends and create know-how in addition to integrating cutting-edge technologies into our manufacturing processes.

### Teamwork

The BPI team works together as one because we believe that collectively we can achieve better results than any of us can achieve alone.

### Talent Development

We recognize that building leading healthcare professionals is a strategic imperative and our achievements are founded on our continuous ability to hire, train and retain talents.



GLOBAL PRESENCE

BPI is now present in more than 40 countries striving for further expansion.





**Benta Group** responds to the market's growing need for healthcare services, pharmaceutical products, medical devices, medical equipment and medical research, in addition to technology and healthcare products.



### Benta Group Partners



**BPI** is committed to improving human health and wellbeing by manufacturing high - quality pharmaceutical products and medical devices.

**CardioPack** is dedicated to deliver high quality cardiology invasive and noninvasive products. Cardiopack also manages and operates cardiology centers.

**BentaMed** secures hospital and operating room needs with equipment and instruments from multinational companies as well as offers solutions to healthcare providers.

**Benta Vision** is committed to providing a complete solution for the global ophthalmic market ranging from a Cataract provider of Intra Ocular and therapeutic lenses in addition to a wide range of ophthalmic pharmaceutical products.

**Benta Trading** is an exclusive agent for many international pharmaceutical as well as health companies and has established a well focused professional distribution network that covers the Lebanese healthcare market.

**HemoPack** is specialized in high-efficiency hemodialysis centers, managing and operating state-of-the-art dialysis centers.

**medjtec** provides the Lebanese market with orthopedic, neurosurgery and ORL products, equipment, instruments and implants from multinational manufacturers.

**Benta Power Tech** an innovation driven company, provides energy solutions to the Lebanese and regional market. BPT delivers sustainable and renewable services that include consulting, project design and realization.

# INDUSTRIAL OPERATIONS

BPI has two multipurpose industrial operations sites for the pharmaceutical and the medical devices manufacturing at:

- . Dbayeh, Lebanon
- . Cairo, Egypt

Also, Benta has undergoing projects for new manufacturing facilities in Europe, Middle East and Africa.

## HIGH QUALITY

BPI recruits highly competent management and personnel, uses state-of -the art facilities and complies with international standards to ensure that each product is a top quality product.



CE GMP

*The Industrial operations sites and their supporting utility systems are designed to:*

- Comply with the latest European GMP standards
- Allow smooth and efficient one -way flow of material and personnel
- Permit independent environmental controls and monitors per production unit
- Implement clear physical segregation between production units
- Provide clean systems and utilities as per FDA and EMEA requirements for all systems in direct contact with the products (e.g water systems, air systems, and gas systems)
- Ensure the consistency of operations through the qualification of equipment and utilities
- Guarantee the utmost quality of products through testing at state- of- the- art laboratories for physical, chemical, and microbiological analyses

**Wadi El Neel Benta**, the new state-of-the-art manufacturing facility in Egypt is dedicated to pharmaceutical manufacturing including sterile biologicals.



## PLANT CAPABILITIES

BPI production plants produce oral solid, oral liquid and sterile products. In addition to these products, BPI manufactures oncology and biotech products. Further to pharmaceuticals, BPI manufactures medical devices and Intra Ocular lenses.



## INDUSTRIAL UNITS

BPI's industrial units incorporate high technology in all its operations starting from the various production units to the quality control laboratories and the tailored pharmaceutical engineering solutions.

### Research & Development Unit

BPI has created R&D units for both pharmaceutical products and medical devices to provide the market with new and innovative products.

The Pharmaceutical R&D has been upgraded to a cGMP certified Pilot Plant to control every facet of the development chain beginning with research in manufacturing to product's delivery.

The Medical Devices R&D has been dedicated to create products and solutions that can improve the quality of life; thus BPI has registered several patents to protect its innovation.



### Oral Dosage Forms Production Unit

BPI manufactures high quality Pharmaceutical products in different galenic presentations including Oral Solid Dosages and Oral Liquid Dosages. Independent areas across the unit are dedicated to support the world class manufacturing of enhanced formulations for the treatment of a wide range of therapeutic categories.



### Antibiotic Production Unit

BPI Antibiotic production unit specializes in the manufacturing and the packaging of oral solid forms and sterile injectables of antibiotics and cephalosporins products.



### Prefilled Syringes Production Unit

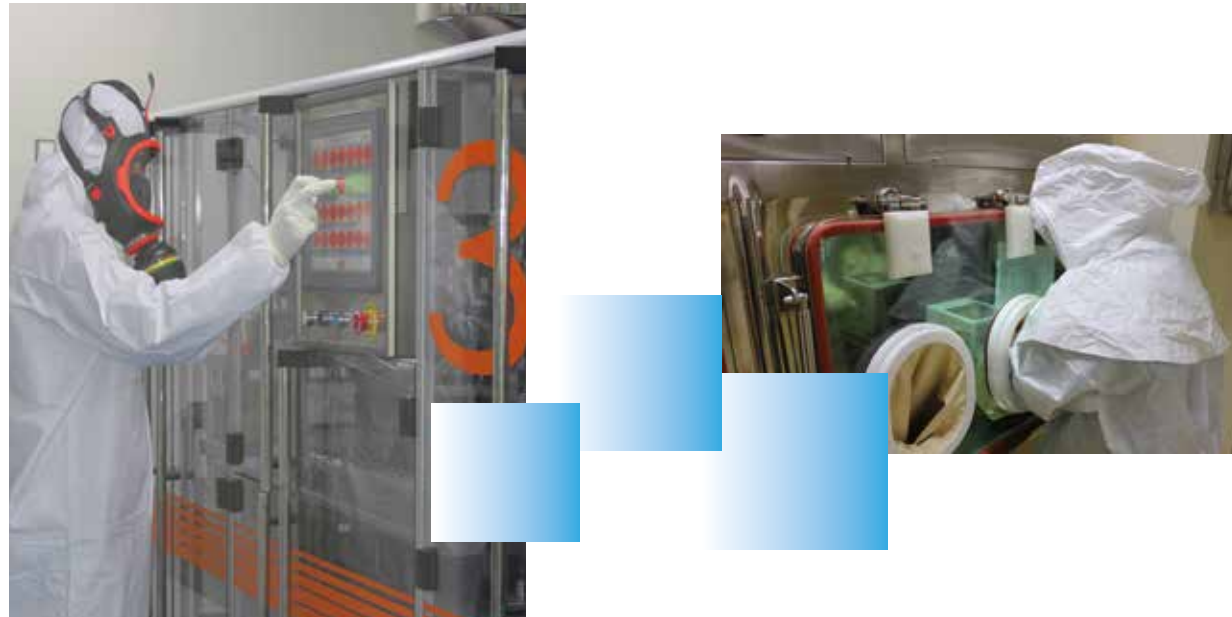
BPI is one of the leading prefilled syringes manufacturers in the region, offering aseptic syringes filling. With a state-of-the-art facility and the latest filling lines, the pre-filled syringes production unit manufactures 1 to 5 ml syringes.





## Cytotoxic Production Unit

BPI Cytotoxic Production Unit handles the production and the packaging of oral solid dosages of Cytotoxic and highly potent products. The state-of-the-art facility accommodates analytical labs, and high-containment manufacturing suites.



## Biological and Biotechnology Production Unit

BPI Biological and Biotechnology Production Unit handles the production of small and large scales therapeutic proteins. The industrial site include segregated areas for research and development, production, purification, and quality control to ensure the manufacturing of recombinant and biological products.



## Quality Control Laboratories

BPI Quality Control Laboratories, one of the largest labs in the Middle East, are key for pharmaceutical, biopharmaceutical and medical devices testing and control. The laboratories accommodate cutting-edge physico-chemical and microbiological laboratories to ensure the products high quality.



## Medical Devices Production Unit

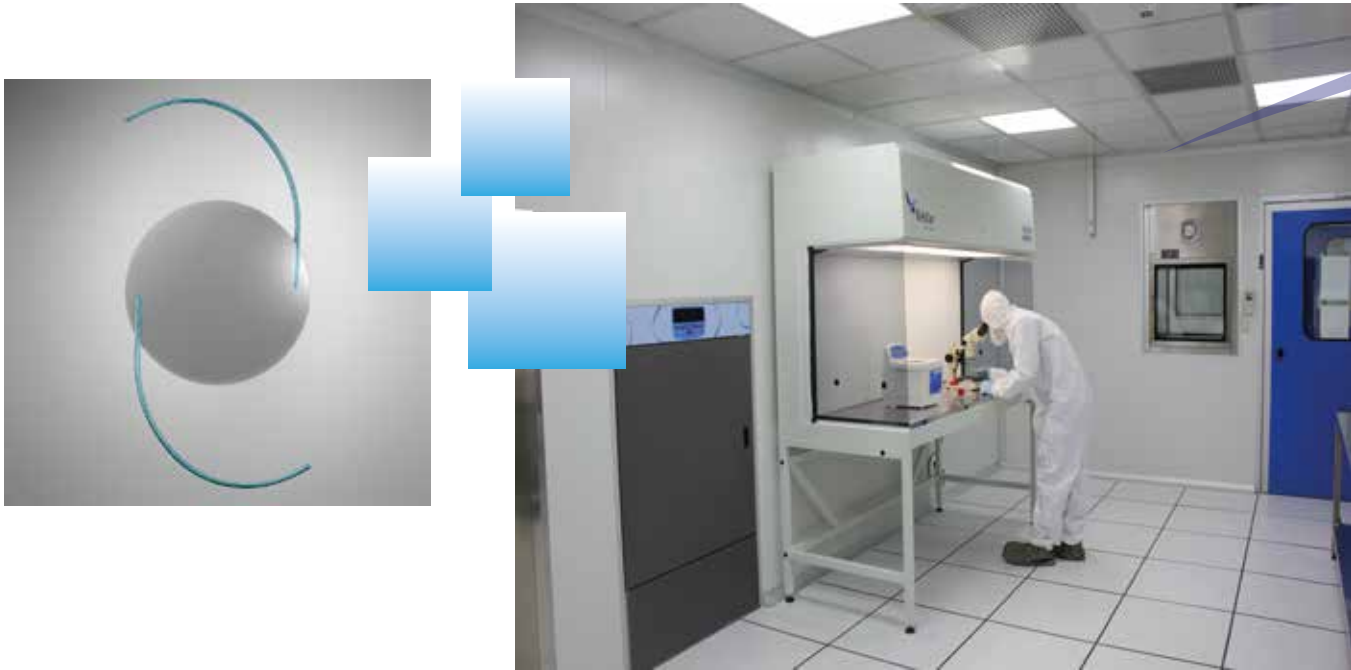
BPI medical devices production unit handles the manufacturing of sterile medical devices designed for a wide range of hospital uses such as anesthesia, urology, surgery, cardiovascular and IV administration. The unit is equipped with the latest technology of stainless steel optimized machines and sterilizing equipment to guarantee the delivery of high quality medical devices.





# Ophtalmology Production Unit

BPI Ophtalmology production unit is considered the 43rd IntraOcular lenses manufacturing facility in the Middle East, produces High quality ophthalmic surgical products including Aspheric, Monovision, Toric, and Multifocal Intraocular lenses.



# Pharma Engineering Unit

BPI Pharma Engineering Unit delivers tailored solutions from consulting to the engineering realization and qualification of pharmaceutical and medical devices production plants as per European EMEA, GMP norms and regulations. The unit handles projects from the conceptual design, the basic engineering, the detailed engineering, the construction, the management and the operations.







## PARTNERSHIPS

BPI is committed to developing strong collaborations, vibrant partnerships and innovative approaches that will ultimately improve the quality of life.

BPI has signed agreements with notable multinational pharmaceutical companies for toll manufacturing, in-licensing, out-licensing such as:



Aiming to continuously integrate advanced technologies, BPI has developed joint ventures with international corporations in the field of 3D printing. It has also partnered with giants in the information system industry to ensure maximum efficiency, compliance and reliability within its operations.



BPI collaborated with IncellDx to provide the patient and healthcare community in the MENA region with regulatory approved revolutionary single cell quantitative, qualitative and fast diagnostics technology. BPI will be the first company to offer the quantitative PD-L1 assay using flow cytometric.



Being the first in Lebanon and the MENA Region, BPI in collaboration with Celsee opening new horizons in detecting and capturing Circulating Tumor Cells (CTC) from different type of cancers. Using their groundbreaking technology, The Genesis System, we can now collect critical cell-based information that was previously undetectable by other tools - allowing us to create the most effective anti-cancer products, ever.



## TALENT DEVELOPMENT

Our carefully selected professional talents come from varied multinational backgrounds to continuously add to BPI's development.

To ensure the growth of BPI's employees, we are dedicated to providing them with a healthy and motivating work environment, in addition to all the required tools and continuous trainings necessary for such progress.

We believe that building competent and skilled professionals is a strategic imperative and we are committed to promoting a performance-oriented corporate culture that helps realize our growth strategies while providing high-end products for the community.



## CORPORATE SOCIAL RESPONSIBILITY

At BPI, we recognize our responsibility towards the community and the environment in which we operate. Our commitment to acting as a corporate responsible citizen is directly tied to BPI's core vision and values

Our Corporate Social Responsibility  
lies on three core points:  
education, community's health,  
and environmental stewardship.

BPI has signed a number of academic agreements with prominent Lebanese universities, aiming to provide the students with valuable exposure to various practical areas in the pharmaceutical and bio-pharmaceutical industry, in addition to fostering relationships with universities in order to collaborate in research and studies and therefore always work towards our goal of innovation.

BPI believes that education is the key to unlocking a country's potential for economic growth and is therefore one of the most important fields in which a responsible company should invest to improve its communities.

BPI is also dedicated to environmental stewardship and incessantly seeks to reduce the impact of its operations on the environment. We aim to lead BPI to a greener and more environmentally friendly future.

At BPI, we use our professional skills in the health sector not only to make products that enhance human standards of life, but also to generate positive changes in the communities in which we live by providing educational health materials, and support for national health campaigns as well as governmental and non governmental health organizations.



**Lebanese University**  
Masters Degree in  
Pharmacology and  
Pharmaceutical Industry



**Lebanese American University**  
Industrial Pharmacy  
Program Rotation



**University of Balamand**  
Cooperation agreement in  
the field of Therapeutic  
Biotechnology



**Beirut Arab University**  
Cooperation protocol in  
the field of Pharmaceutical  
Industry





## OUR PRODUCTS

*BPI manufactures more than 200 pharmaceutical products & medical devices covering the following categories:*

### Pharmaceutical Products

Antibiotics / Anti- Infectives  
Anti - Protozoal  
Anti - Hemophilic  
Antifungals  
Antivirals  
Antianemics  
Anti- Obesity  
Blood & Derivatives  
Cardiology  
Central Nervous system  
Corticosteroids  
Diabetes  
GI-Tract Drugs for Acid Related Disorders  
Immuno stimulants  
Immuno suppressents  
Lipid Lowering Agents  
Oncology / Hematology  
Osteoporosis  
Pain Relief  
Respiratory System  
Fertility / Sex Hormones  
Urology  
Vitamins & Mineral Supplements  
Anesthesiology  
Dermatology  
OTC  
Ophtalmology

### Medical Devices

Anesthesia  
Angioplasty  
Diabetes  
Haemodialysis  
IV administration  
Intra Ocular Lenses  
Respiratory  
Surgical  
Urology



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