



INNOVATIVE SOLUTIONS FOR THE NUTRACEUTICAL MARKET

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Established in Lugano in 1945, IBSA is present with its products in over 80 countries in 5 different continents. The Group consists of 20 branch offices, in Europe, China and the United States and employs 2,000 people in its headquarter, branch offices and manufacturing sites. IBSA's production lines are characterised by state-of-the-art technology and Research & Development activities, employ latest-generation technologies to optimise the bioavailability, efficacy and safety of existing active substances in order to develop simpler, more evolved treatment systems as part of its commitment to provide healthcare professionals with efficacious and reliable novel treatment solutions able to improve patients' quality of life.

IBSA boasts an extensive product portfolio that includes different therapeutic categories, such as prescription drugs, OTC medicines, medical devices and food supplements, and covers 10 therapeutic areas: Cardiometabolic, Aesthetic Medicine, Dermatology, Endocrinology, Reproductive Medicine, Osteoarticular, Pain and Inflammation, Respiratory, Urogynaecology and Consumer Health.

Over the years, researchers have developed innovative technologies, novel formulations and delivery systems such as softgel capsules, orodispersible films, pre-filled syringes, patches (hydrogel and drug-in-adhesive), BoV (Bag-on-Valve), gonadotropins purification process, progesterone & βcyclodextrine formulation, single dose strip, Nahyco® hybrid technology, device for intravesical instillation.

In particular IBSA offers two specific innovations, suitable to satisfy every formulative need:

- the exclusive PEARLtec technology, a process for obtaining **softgel** that makes it possible for a liquid matrix, in a suspension or a gel, to be incorporated into a tasteless and odourless gelatine capsule. Easy and practical to swallow, it improves both the oral intake of the medicinal or supplemental product and patient compliance. PEARLtec technology permits the formulation and realisation both of medicines and nutraceuticals in a vast range of forms and colours.
- the **Orodispersible Films**: available in a variety of polymers, they represent a brand new concept in the oral administration of medicines and

supplements, overcoming the need for either water or swallowing. They take the form of small, thin, flexible sheets, that, when placed inside the mouth, dissolve rapidly in contact with saliva releasing its active ingredients very rapidly. This new form of administration offers a wide range of possibilities to differentiate the product in the nutritional market.

Thanks to its consolidated experience, its industrial capacity and its proprietary technologies, IBSA is the ideal partner to serve other companies in the pharmaceutical and nutraceutical industry, on a contract basis, providing comprehensive services from drug development through drug manufacturing for EU and non-EU markets.

