



An Integrated Drug Development Solutions Provider



Established by experienced pharmaceutical professionals with global exposure.



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About Us



- Team of highly successful professionals with decades of experience in successfully enabling global pharma companies with viable product pipelines
- Extensive experience across global generic pharma companies
- Expertise across all key domains in the pharma value chain- Product Development, Regulatory, Clinical and Supply chain among others
- Enabled many blockbuster molecules across regulated markets of the world

One stop solution for all your Product needs (Selection, Development, Bioequivalence, Technology Transfer, Manufacturing, Regulatory Approval etc.)

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Company Profile



Pharmaceutical Research and Development company with innovation at its core

Striving to be Global leader in Pharmaceutical Drug Development



Total employees (October 2017) 41

- Formulation 10
- Analytical 19
- Marketing & Sales 02
- Support Functions 10

Impressive 15 products in development within one year of Operations

Privately Held, Investors with deep interests and investments in Pharma domain
No external borrowing or debt

Founder Dr SB Roy, PhD MBA, more than 35 years in the industry

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Strategic Principles





Four Goals for Ascent

Drive innovation forward

Pursue top quality science, internally and externally, and develop quality products with strong commercial potential

Maximize the value of innovation

Develop projects ourselves and seek partners or out-license when necessary to maximize value

Add Global Clientele

Expand innovative commercial capabilities to new customers and regions. Manage alliances putting the product first

Practice highest standards of ethics

Quality, Confidentiality, Data Protection is crucial and ingrained across all functions in all we do

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Ascent's Business Strategy

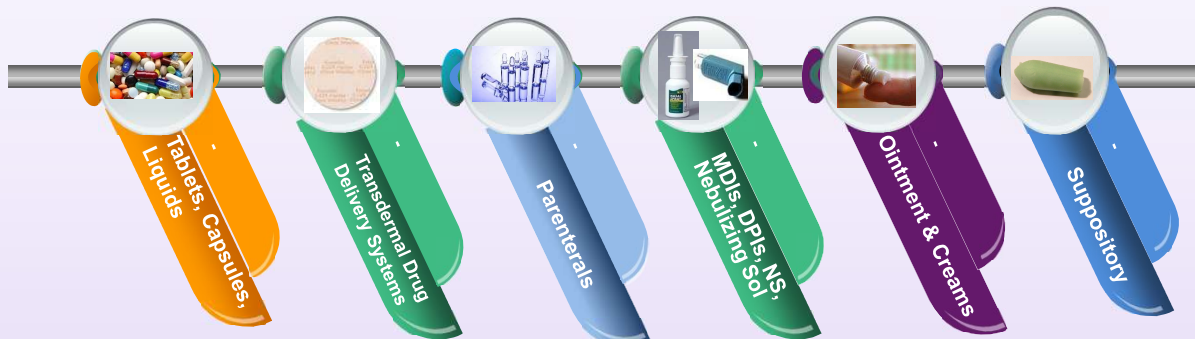


- Low cost drug development and technology transfer
- Highly competitive timelines- way ahead of our competitors
- Flexible business models
- Services as fully integrated or standalone
- New Products – Generics, Specialty (Novel Drug Delivery)
- Reformulation
- Life Cycle Extension of existing molecules

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Research and Development Capabilities



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MEDICINES

Specialized Technologies

MUPS

Hot Melt

Spray Drying

Technology

Extrusion Spheronizer

Transdermal / Matrix

Inhalation-Liquid/Gas

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MEDICINES

Founder

Dr. S. B. ROY, CEO & Director

- ❑ >35 years of rich experience in pharmaceutical industry
- ❑ Ranbaxy, Sandoz, Astra, Warner and Zydus Cadila
- ❑ Enabled companies to develop cost effective drugs and generate a global footprint
- ❑ Directed development of various dosage forms for regulated markets- USFDA, MHRA, EMA, ANVISA, Japan, TGA etc
- ❑ Developed viable portfolio of products across a range of generic and differentiated formulations.
- ❑ Development, registration and commercialization of novel, value creating medicines that improve patients' lives.
- ❑ Developed a robust pipeline in various therapeutic segments.

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Dr SB Roy's Experience



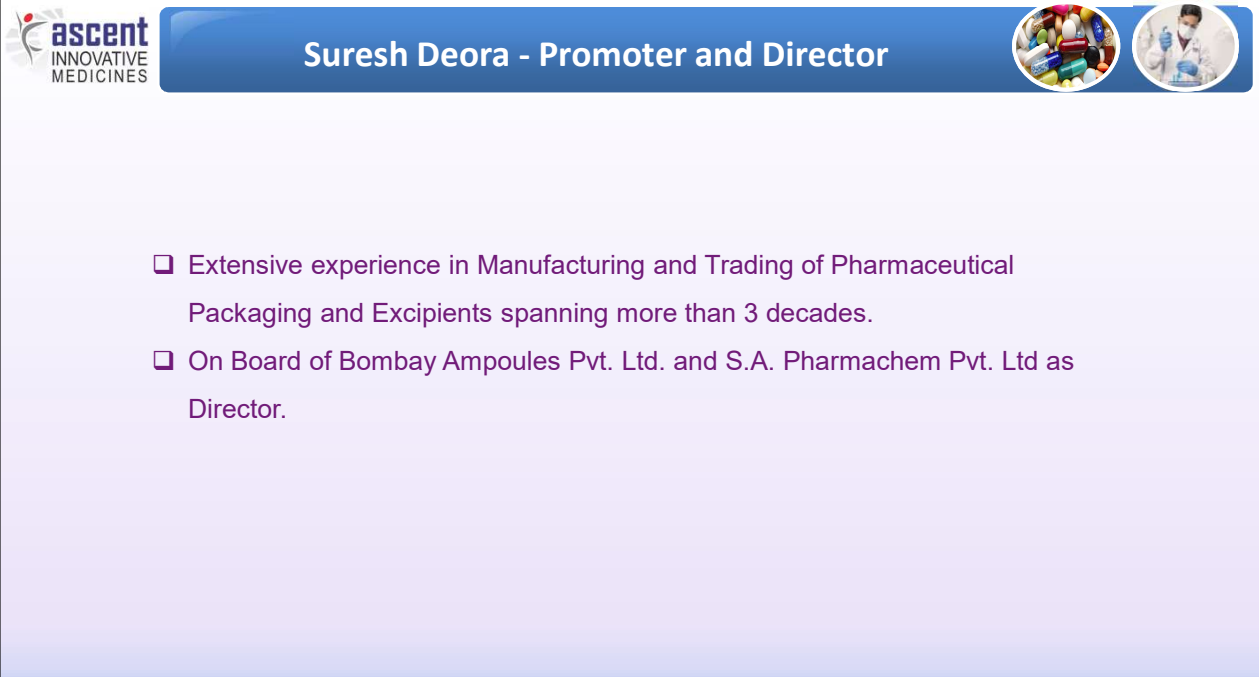
Registrations in 60+ countries

- ✓ US
- ✓ Japan
- ✓ EU: France, UK, Spain, Denmark & Latvia
- ✓ LATAM: Brazil & Mexico
- ✓ Russia, Ukraine, Belarus, Uzbek & Kazakhstan
- ✓ Middle East : UAE Dubai, Kuwait & Oman
- ✓ Africa - South Africa, Uganda, Kenya, Nigeria, Ethiopia & Ghana
- ✓ Asia Pacific - Sri Lanka, Malaysia, Philippines, Taiwan, Singapore, Myanmar & Vietnam

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MEDICINES

Suresh Deora - Promoter and Director



- ❑ Extensive experience in Manufacturing and Trading of Pharmaceutical Packaging and Excipients spanning more than 3 decades.
- ❑ On Board of Bombay Ampoules Pvt. Ltd. and S.A. Pharmachem Pvt. Ltd as Director.

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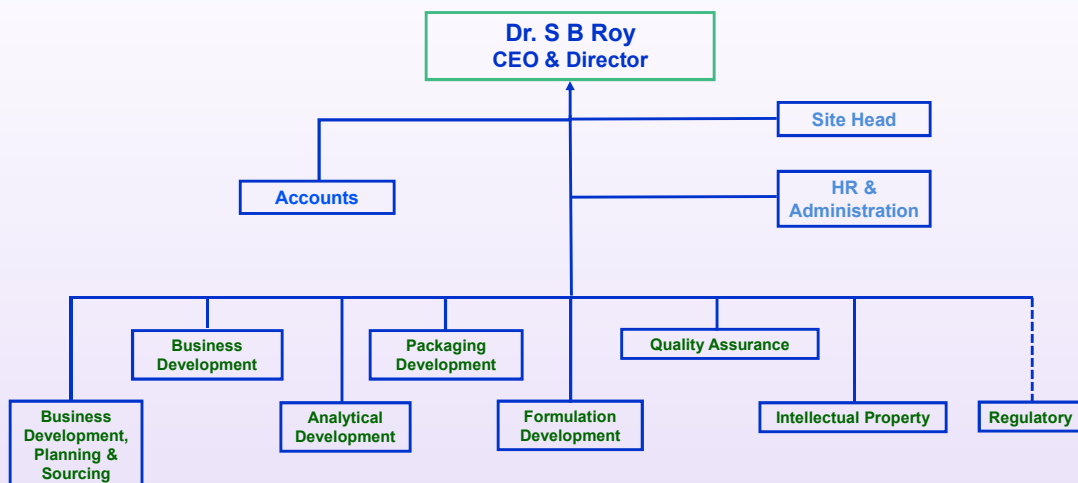
Mr Himadri M– Promoter and Director



- ❑ >35 years of experience with leading multi-national pharmaceutical companies.
- ❑ Widely networked, a leading packaging expert in the country
- ❑ Heads PACK WORLD, a leading Pharmaceutical packaging consultancy.
- ❑ On Corporate Board of a large Multinational Packaging company as Independent Director.

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The Team



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The Team



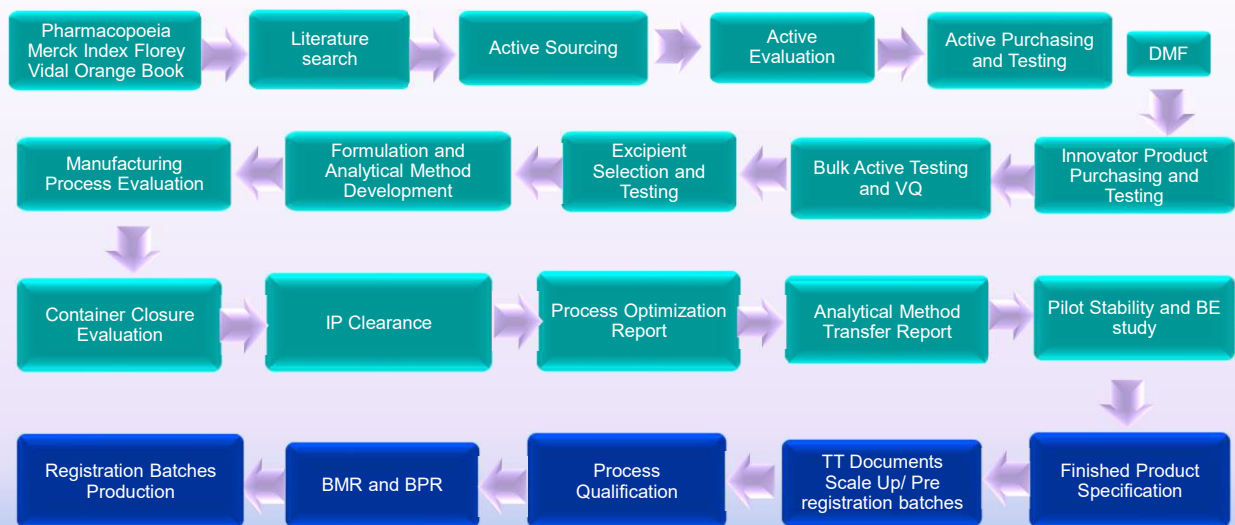
Intellectual Capital

- Cumulatively 200+ years of Technical Team Experience
- Flexible and nimble to client needs
- Blend of experience with advanced degrees in pharmaceutical sciences
- 90% of the team with post graduate qualifications
- Agile team with a rich experience in honoring client deliverables
- Worked across Indian and Western Multinational Generic Companies
- Rich experience across entire Development value chain - IP, Pre-formulation, Formulation, Analytical Method Development, Validation, Pharmacokinetic, Packaging, Manufacturing, Clinical Research and Development
- Team filing experience of more than 400+ formulations across various dosage forms
- Team Track-record of successful drug development and commercialization in major markets

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Services Scope – Fully Integrated or Standalone



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Facilty at a glance



Facilty at a glance





Facilty at a glance



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Facilty at a glance



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Facilty at a glance



Facilty at a glance





Facilty at a glance



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Facilty at a glance



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Facilty at a glance



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Equipment : Formulation Development



- Particle size Determination (Image provision)
- Electro Magnetic Sieve Shaker
- Bulk Density Apparatus
- Auto Friability Tester
- Disintegration Apparatus
- Vacuum Desiccators
- Magnetic Stirrer
- Moisture Analyzer

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Equipment : Formulation Development



- RMG (0.25, 0.5, 1, 2, 4, 6 liters)
- RMG (6, 25 liters)
- Sifter with Sieves
- Drier (5 liters)
- Co Mill
- Coating Pan (5 , 25litres) OG
- Blender (Double cone) 0.25, 0.5, 1, 2
- Blender (Octagonal) 3, 5, 10, 15, 20
- Spheroniser Extruder
- Spray Drier

- Compression Machine
- Dehumidifier (movable)
- Fluid Bed Drier
- Coating Pan (1 and 5 liters)
- Hand Operated Capsule Filling Machine
- Compactor
- Blister packing R&D model
- Induction Sealer
- Triple laminated / Polybag Sealer



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Equipment: Analytical Development



- HPLC
- UV-VIS Spectrophotometer
- Dissolution Baths (8,14 Vessels)
- Spectrofluorimeter
- Analytical Balance
- Head Space Gas Chromatograph
- Karl Fishers Titrator
- Stability & Photo stability Chambers
- Melting Point apparatus
- pH Meter
- Polari meter
- Hot Stage Microscope
- Potentiometer
- Millipore water system (Mili-Q)

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Rich Team Experience With Complex Formulations



1
**Oxybutynin
Chloride ER
Tablets**

- Non infringing Technology change from OROS to granulation.
- Bio relevant and discriminating media
- Scanning electron microscopy study for coating layer evaluation
- De-formulation study for Eudragit, Edible castor oil and lactose content in Reference formulation

2
**Duloxetine
DR
Capsules**

- Complex BE and Stability
- Dose dumping study
- Development of Bio relevant media
- Development of critical impurity profiling in formulated product

3
**Metoprolol
Succinate
ER Tablets**

- Complex BE and manufacturing.
- De-formulation study for inactive component in Reference formulation

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Rich Team Experience With Complex Formulations



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**Lansoprazole
DR Orally
Disintegrating
Tablets**

- MUPS technology and complex Bio.
- Isolation and characterisation of unknown impurities for identification
- De-formulation study for various inactive component in Reference formulation

5
**Mesalamine
DR Tablets**

- Highly complex non-infringing Technology.
- De-formulation study for inactive component in Reference Formulation

6
**Olmesartan
Medoximal
Tablets**

- Hot Stage Microscopy for determination of API particle size in Reference Formulation
- Suspension stability study
- Bio relevant media development

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Rich Team Experience With Complex Formulations



<p>7</p> <p>Mesalamine Suppository</p>	<ul style="list-style-type: none"> • Extensive experience in setting up development laboratory, plant and filing of suppository platform
<p>8</p> <p>Azelastin Nasal Spray</p>	<ul style="list-style-type: none"> • Extensive experience in setting up development laboratory, plant and filing of nasal sprays platform
<p>9</p> <p>Transdermal Patch</p>	<ul style="list-style-type: none"> • Extensive experience in setting up development laboratory, plant and filing of transdermal patches.

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Ascent's Business Models



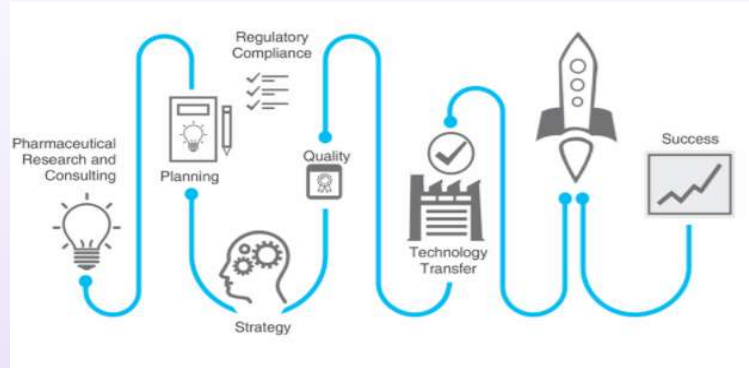
- Fee for service
 - Milestone based contract development
- Dossier out-licensing
 - Upfront fee with profit sharing
 - Upfront fee without profit sharing
- Out-licensing of products at POC (proof of concept) stage
 - Upfront fee with profit sharing
 - Upfront fee without profit sharing
- Co-development
 - Split of expenses & profit with pre agreed %

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Complete Solutions



From the IP of the molecule to commercialization and subsequent Life Cycle Management



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Lifeline for your manufacturing Business



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Thank You