

Lupin Limited

February 4, 2004



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Our Mission



**To be an innovation led transnational
pharmaceutical company**

What are we today.....



- Amongst the Top 5 pharmaceutical companies in India
- Strong R&D → Process Chemistry, ANDA, NDDS, NCE
- Focused on US, EU, India, China
- In India Lupin has 20 brands in the "Top 3" of respective segments
- US FDA approved manufacturing facilities
- Leading player in anti-TB, Cephalosporins

World class manufacturing...



- India's only finished products sterile cephalosporins facility to receive approvals by the USFDA and UKMCA
- Asia's only USFDA-approved fermentation plant for rifampicin
- Successful USFDA certification for 9 manufacturing facilities
- WHO certified finished products manufacturing facility for tuberculosis products

World class facilities



Mandideep, Bhopal, Central India

Hub of Lupin's competencies in cephalosporins and prils

- FDA approved Injectable/Oral Cephalosporins facility
- FDA approved Cephalosporin API facilities
- FDA approved facility for Lisinopril



Tarapur, Western India

- Fermentation Facility (FDA Approved)
 - Rifampicin
 - Lovastatin

R & D
CHEMISTRY
ANDA
NDDS



Therapeutics

- TB
- Cephalosporins
- CVs

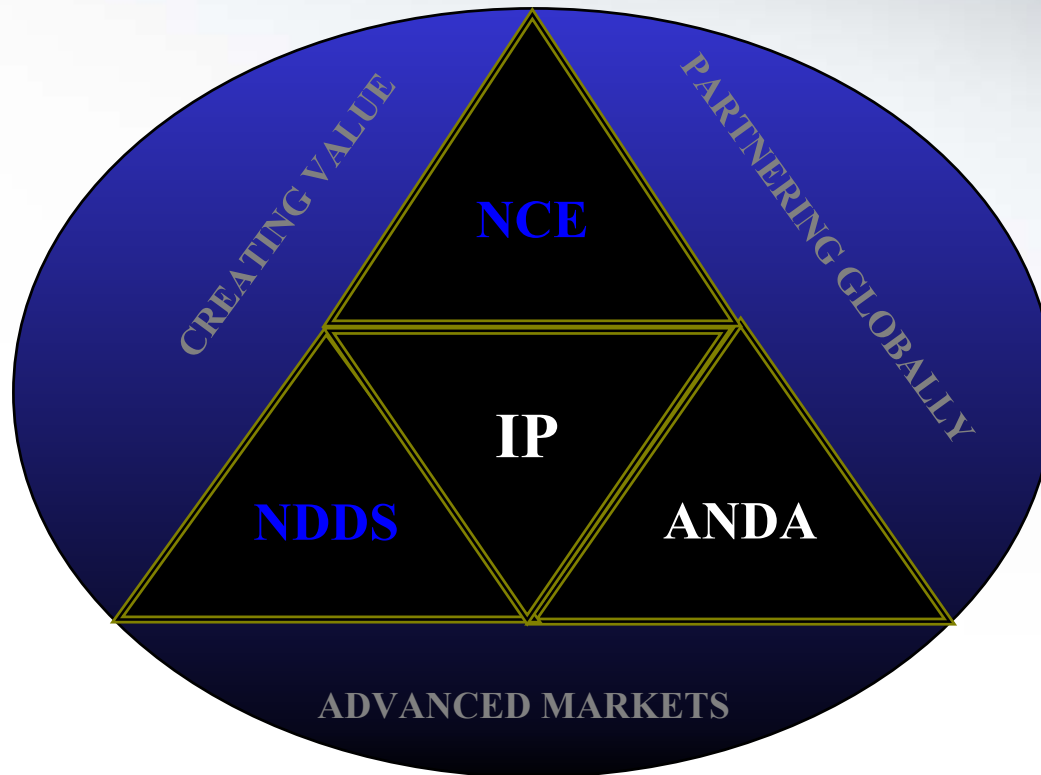
Facilities

Integrated/cost
effective
manufacturing

Research Capability

- State of the art Research Park at Pune, India
- 150,000 sq. ft., 20-acre
- Over 180 scientists
- 133 Patents filed till date, 50 granted.
- 13 DMFs and 5 ANDAs filed with the US FDA

Research focus



Research focus:

Intellectual Property Management



- Intensive product identification process
 - API complexity
 - Finished product complexity
 - Commercial potential of products
- Cautious risk management
- Dovetailed with research groups

Research focus: NDDS – creating value



- Development of value added products
- Six patent applications filed for NDDS platforms
- Ceff-ER (cephalexin once-a-day) and Odoxil OD (cefadroxil once-a-day) launched in the domestic market
- Projects for treatment of HIV and TB
- Out licensing opportunity to global majors

Research focus: NCE – creating value



- Team of 60 scientists
- Focus on synthesis and herbal based products
- Collaborative research with CSIR: anti TB and Psoriasis
- Achievements:
 - Anti Migraine - IND approved by ICMR / DCGI, clinicals being initiated in India
 - Anti Psoriasis (Desoris) – IND filed with DCGI

Highlights of the current year



- R&D:
 - We received IND approval for our Migraine product
 - Filed IND for our Psoriasis product
 - Received 3 ANDA approvals, including first approval for Ceftriaxone
- Business:
 - Launched our first ANDA Cefuroxime Ax in the US
 - International revenues contributed 47% of turnover
 - Regulated markets contributed 30% of turnover
 - Domestic market grew at 19%

API – Global Position



Product	Therapeutic Segment	Rank
Ethambutol	Anti-TB	1
Rifampicin	Anti-TB	1
Pyrazinamide	Anti-TB	1
7ACCA	Cephalosporin - Intermediate	2
7ADCA	Cephalosporin - Intermediate	1

Amongst the top 2 in each area of focus

US / EU Market focus



Product	Approval	Launch
Formulation		
• Cefuroxime Axetil Tablets	July 2003	July 2003
• Cefixime Tablets & Dry Susp'n	Expected	On approval
• Ceftriaxone Injection	October 2003	July 2005
• Cefotaxime Injection	September 2003	

- 5 ANDAs filed, 3 approved; including 2 injectables
- 13 DMFs filed with the US FDA
- 75 dossiers filed in the EU

India & new markets



- Grow in India
 - Expanding therapeutic width
 - Value added products
 - In-licensing & co-marketing
 - Herbal Product portfolio
- Increasing presence in CIS
- Enter Japan, ANZ and Latin America

Europe



- Key markets – UK, France, Germany, Italy
- Identified product pipeline for each market
- Working through marketing partners
- Long term supply contract with key customers

Lupin's US focus



- **API**
 - Continue to growing the business through partnerships
- **Generics**
 - Leveraging Lupin's integrated manufacturing capability to introduce a portfolio of generic products
- **Specialty**
 - Committed to providing quality products for pediatric practice in the US market

Generic Market Focus



- Building the product portfolio- gearing to file 8-10 ANDA's per year
 - Oral/Injectable Cephalosporins
 - Cardiovasculars
 - Controlled Release ANDA's
 - Paragraph IV's

Finished Dosages – US opportunity



Products worth \$ 50 bn to go off patent by 2010



Specialty Focus



Pediatric Market

*We see eye to eye
with Kids*



Opportunity...



- Substantial market potential (\$8B+)
- Niche market with large unmet needs
- Very few companies focus on pediatrics
- Fastest growing Rx segment
- Niche Physician targets-Pediatricians, pediatric allergists & other HVP
- Lupin's Development strength in convenient dosage forms & taste masked products.

First brand - SUPRAX

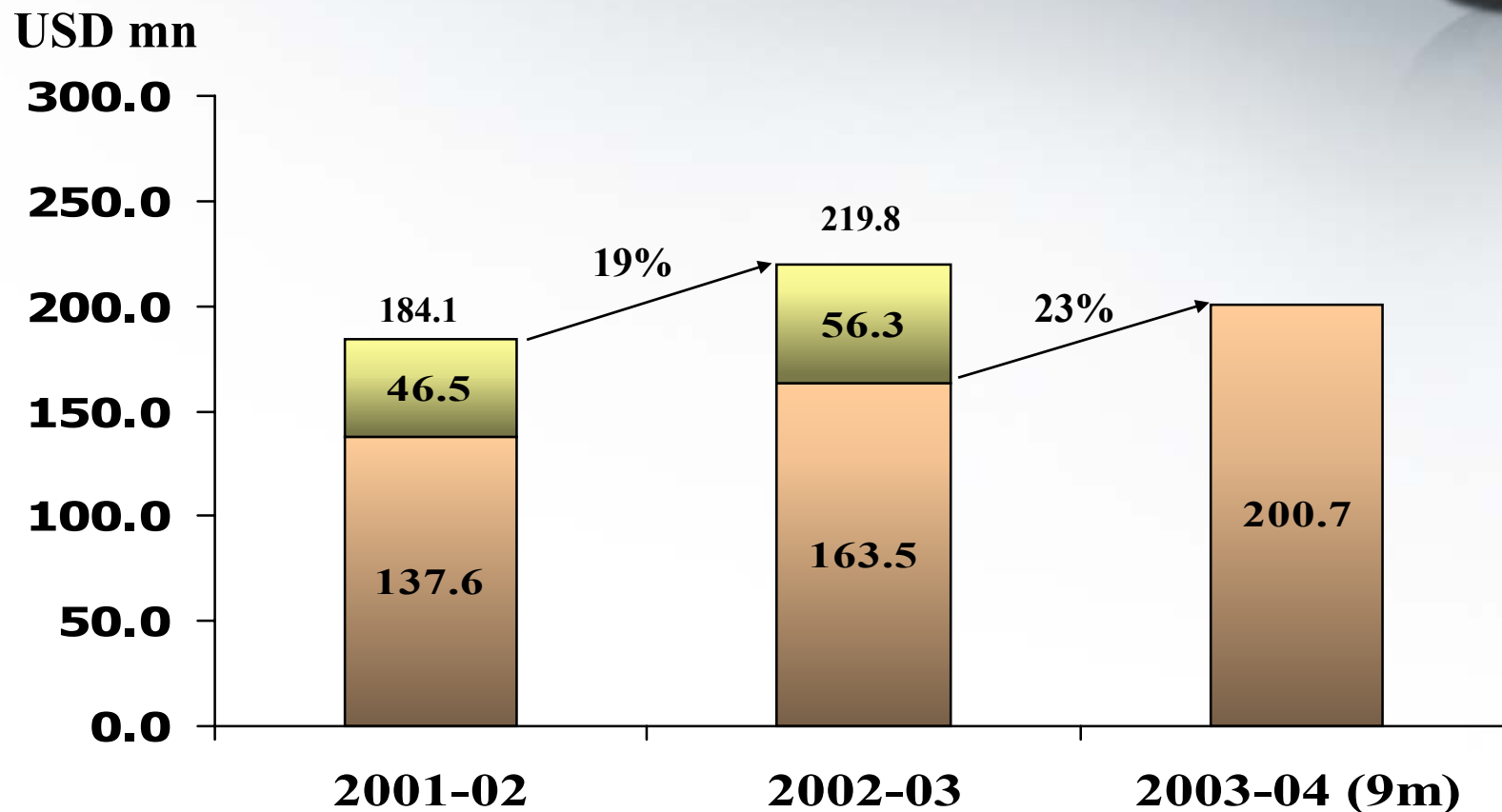


- FDA approval expected shortly
- Ready to ship product
- Launch with 45 reps
- Dedicated to calling on pediatricians and FP's who Rx antiinfective oral suspensions
- Target 10,000 high Rx'ing physicians
- Suprax in first position on all detailing calls

Financial Review



Revenues: the rising trend



Net Sales – Segment Mix

9 Months Review
FY 2003-04



USD mn

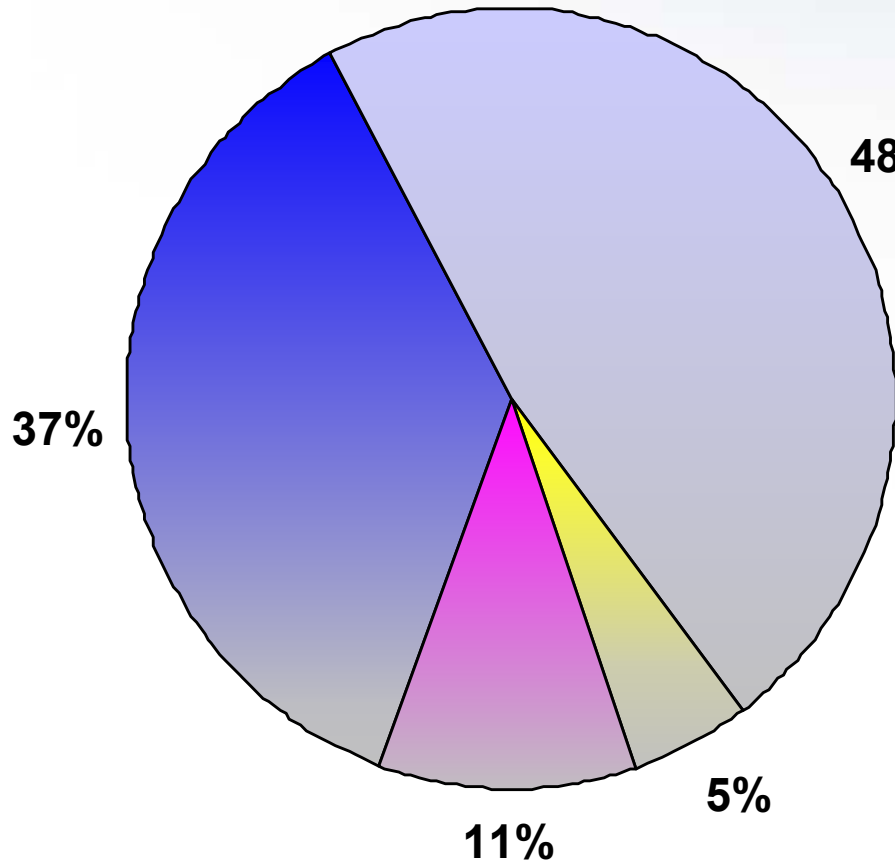
2002/03	<i>% to Total</i>	Particulars	2003/04	<i>% to Total</i>	Growth over PY
91	<i>55%</i>	API	103	<i>51%</i>	13%
73	<i>45%</i>	Formulations	98	<i>49%</i>	34%
164		Total	201		23%

Therapeutic Profile

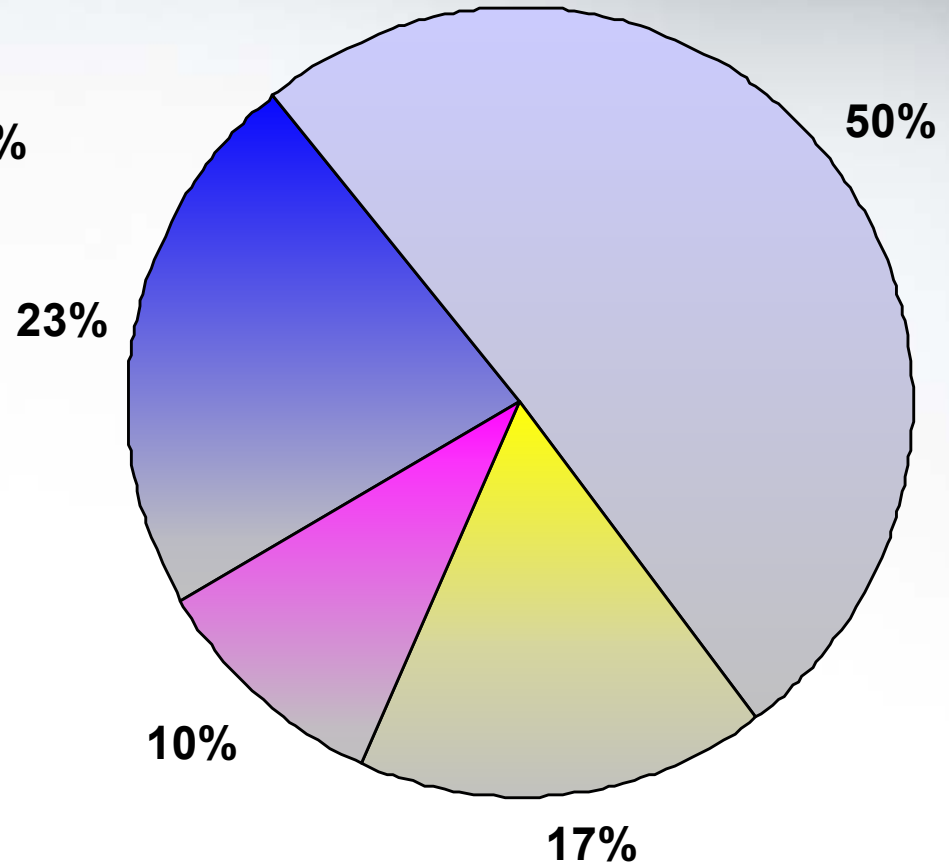
Expanding chronic segments



■ **Anti TB** ■ **Cepha** ■ **Cardiac** ■ **Others**



Lupin Ltd. **FY 2001-02**

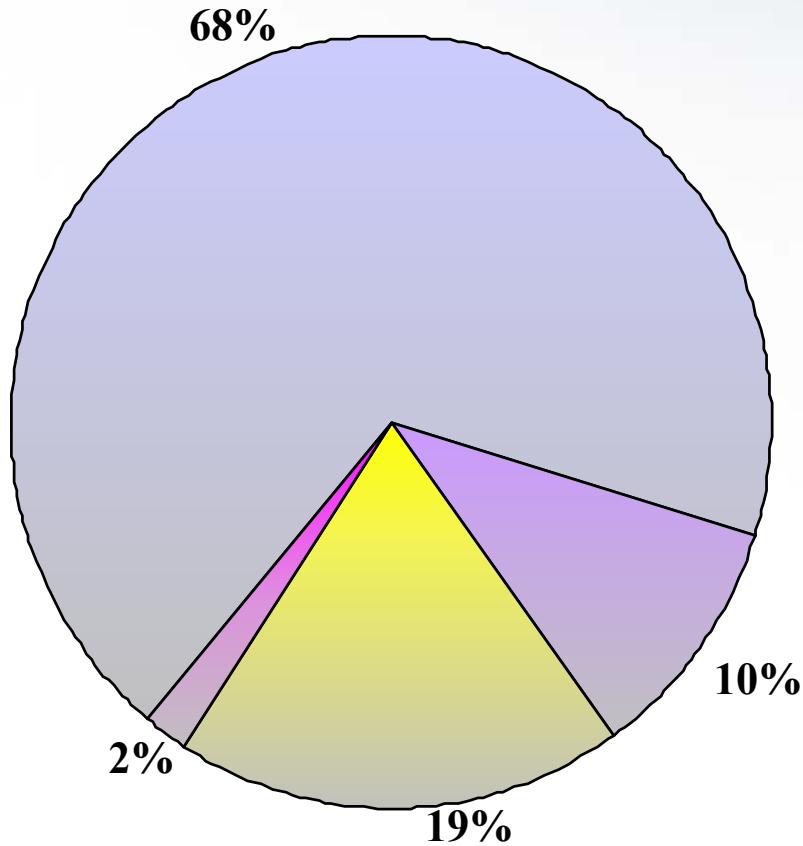


FY 2003-04 (9m)

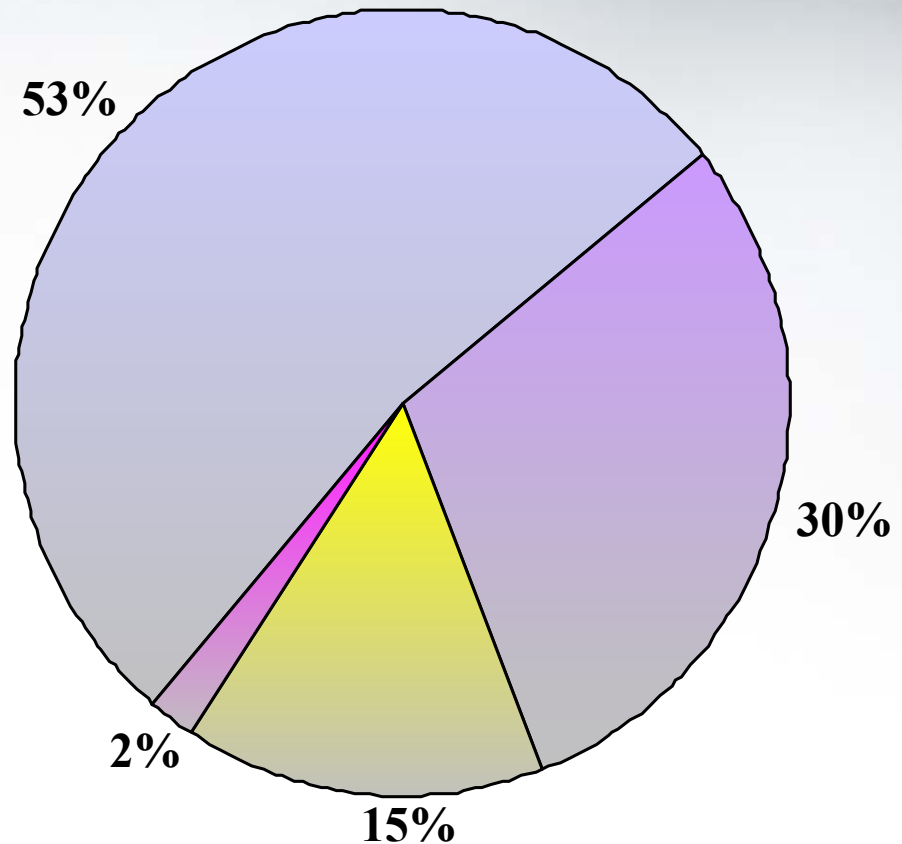
Changing Scenario: Focus on advanced markets



India US/EU SEA & China Others

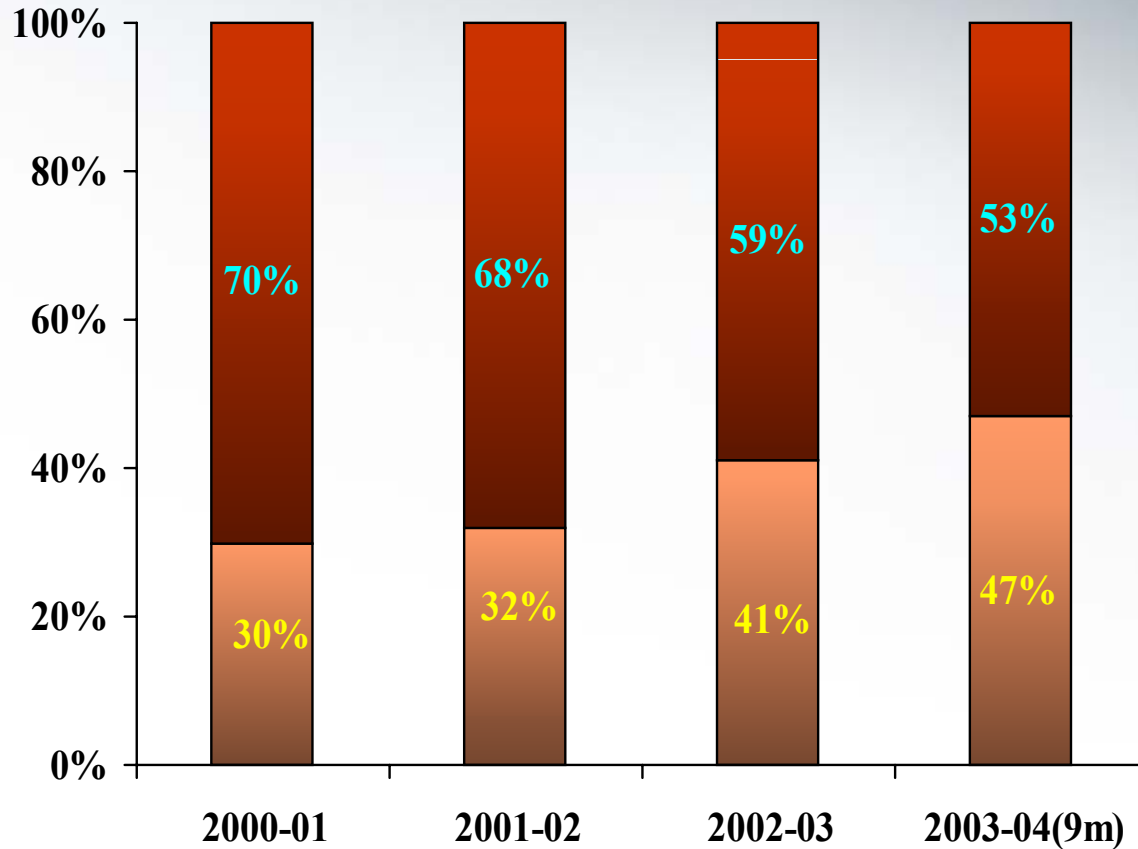


Lupin Ltd. FY 2001-02



FY 2003-04 (9m)

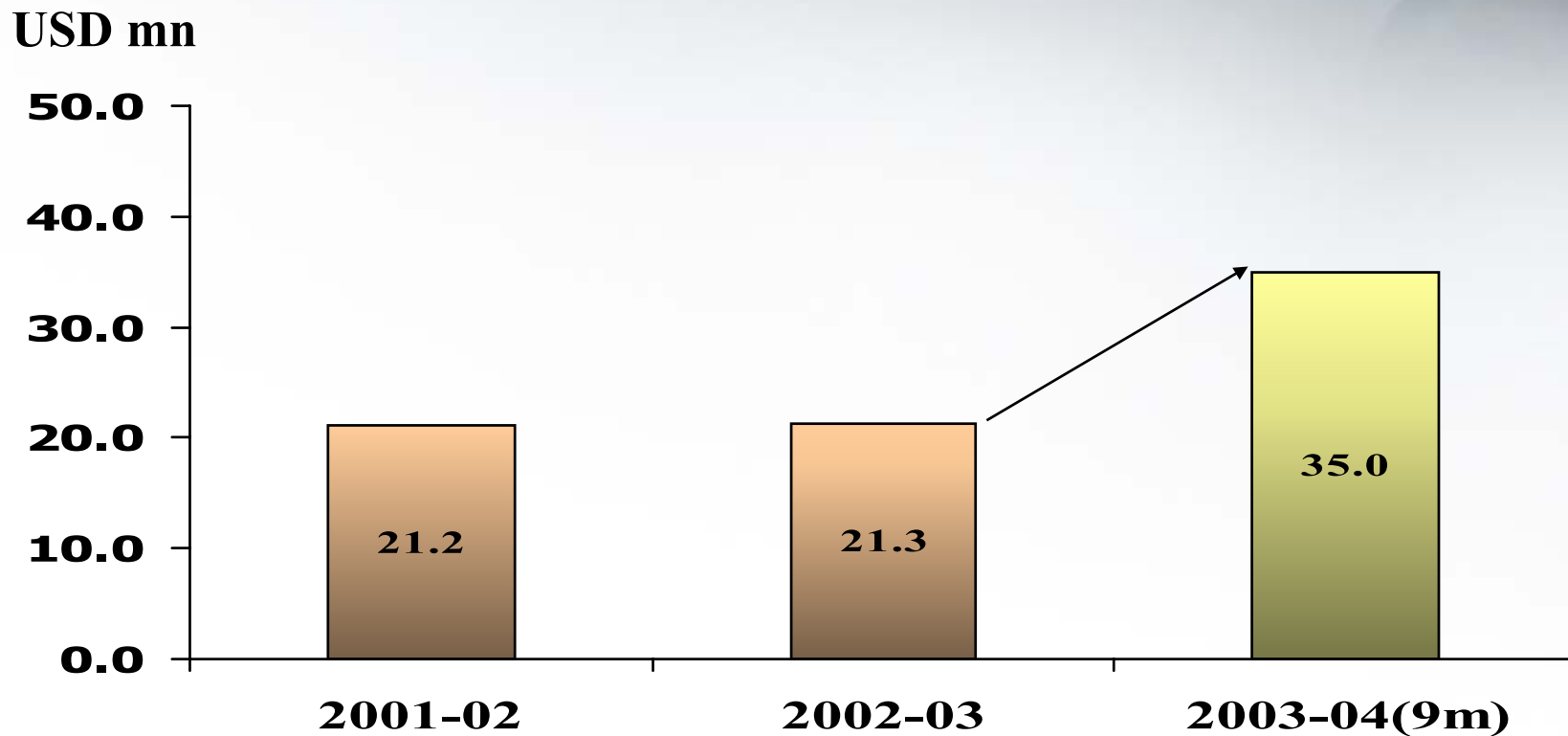
Changing Scenario: Increasing global presence



Exports

India

Pre-tax income: rising faster



•2003-04 (9m) Pretax income before extraordinary expenses

Key financial indicators



USD mn

Particulars	2002-03	2003-04 (9m)
Gross Revenues <i>yoy growth</i>	219.8 19%	200.7 23%
Operating Margin <i>% to revenues</i>	40.3 18.4%	49.4 24.6%
Pre Tax Income <i>% to revenues</i>	21.3 9.7%	35.0 17.4%
Post Tax Income (<i>before extraordinary</i>)	16.0	26.0



Improving cost trends

USD mn

Particulars	2002-03	2003-04 (9m)
Gross Revenues <i>yoy growth</i>	219.8 19%	200.7 23%
Material Cost <i>% to revenues</i>	100.8 45.8%	85.4 42.5%
SG&A Expenses <i>% to revenues</i>	63.8 29.0%	56.7 28.2%

Key Ratios



Particulars	2002-03	2003-04 (9m)
Debt Equity	1.70:1	0.85:1
ROCE (before extraordinary)	15%	26%

Major investments to support the future, in place

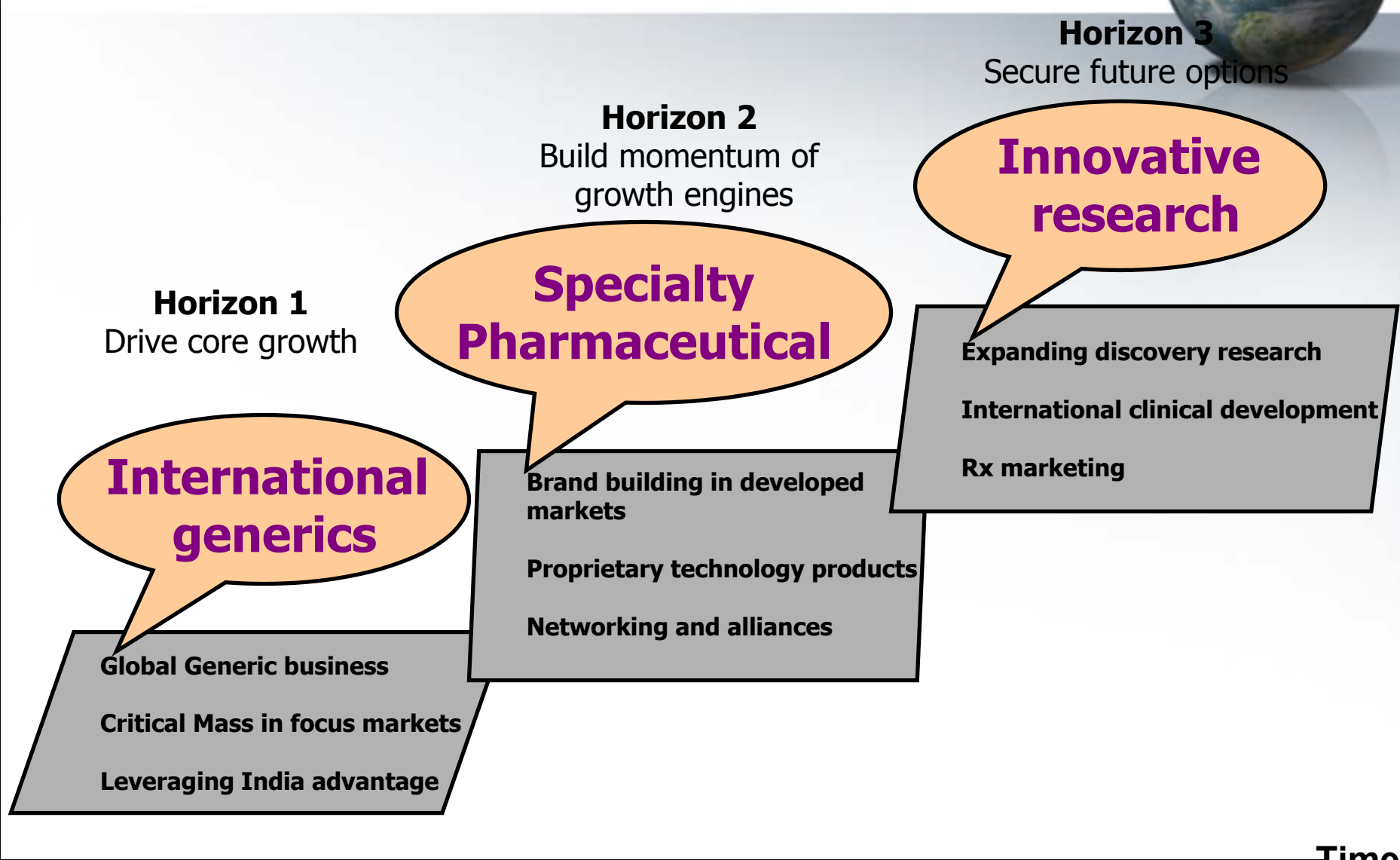


USD mn	FY 2001-04	Comm. Year	Benefits
Research and Technology	30.8	2001	✓
Oral Ceph. dosage facility	3.3	2001	✓
Anti TB modernization	3.7	2002	✓
New API Prils facility	4.8	2003	✓
IT initiatives	2.9	2003	✓
API Statins facility	2.2	2004	x
Cephalosporin Intermediates	4.8	2004	x
Non-ceph oral new dosage facility	5.5	2004	x
	58.0		

Realizing the dream



Value



Thank You

