Sandoz – A Leader in Generics

London, October 9, 2003

The following information contains certain "Forward-looking Statements" relating to the Company's business, which can be identified by the use of forward-looking terminology such as "will" or "expect", or by discussions of strategy, plans, intentions or potential outcomes. Such statements include descriptions of the Company's investment and research and development programs and anticipated expenditures in connection therewith; descriptions of new products or new indications for existing products expected to be introduced by the Company and anticipated customer demand for such products and for products in the Company's existing portfolio; and discussions of potential future sales revenues, profits or other financial results. Such statements reflect the current views of the Company with respect to future events and are subject to certain risks, uncertainties and assumptions. There can be no guarantee that any product or potential new indication will be commercialized in any market. Nor can there be any guarantee that Novartis will achieve any particular level of financial results in the future. Many factors could cause the actual results, performances or achievements that may be expressed or implied by such forward-looking statements. These factors can be found in the Company's Form 20-F filed with the Securities and Exchange Commission and include, among other things, unexpected regulatory delays, uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described herein as anticipated, believed, estimated or expected. The information presented in this handout represents management's expectations and intentions as of October 9, 2003. Novartis expressly disavows any obligation to update the information presented in this program.

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Agenda	
 Novartis – focused on medicine 	R. Breu
 Sandoz – a leader in the Generics marketplace 	C. Seiwald
 Sandoz US – building leadership 	J. Sedor
 Sandoz – conclusions 	C. Seiwald
• Q&A	Panel
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Novartis – Focused on Medicine

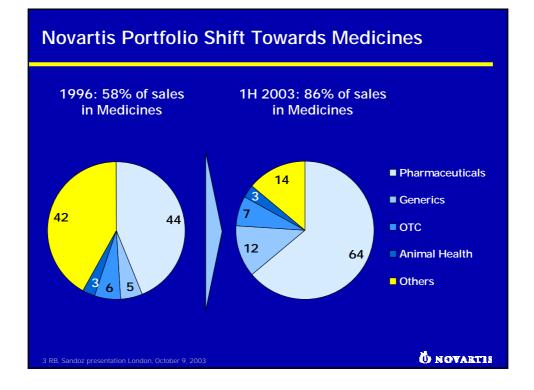
Raymund Breu CFO Novartis

London, October 9, 2003

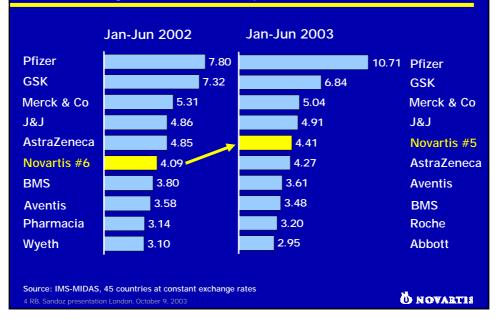
Focus on Medicines with Pharmaceuticals at Its Core

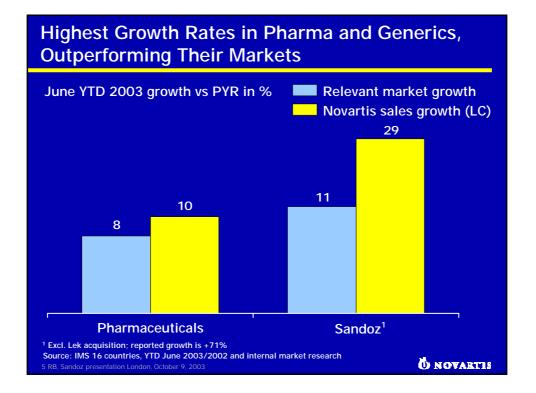
- Medicines includes Pharmaceuticals, Generics, OTC and Animal Health, accounting for
 - 86% of sales and
 - 91% of operating income in the first half of 2003
- Healthcare¹ market segment position up one rank from #6 to now #5 with 4.41%
- Top-tier Generics player with #2 position

¹ 1H/03 vs. 1H/02 incl. Generics and some OTC (source: IMS-MIDAS, 45 countries at constant exchange rates) 2 RB, Sandoz presentation London, October 9, 2003

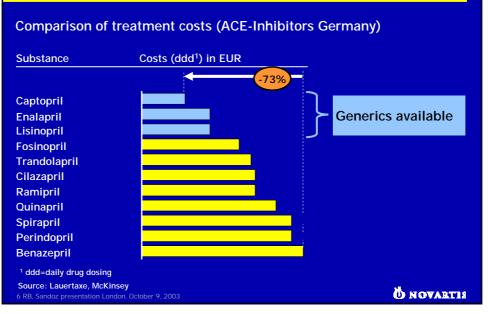


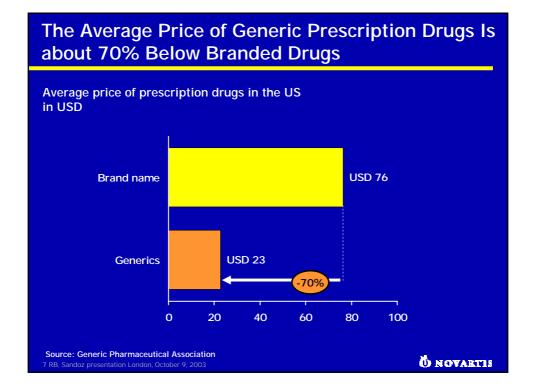
Outgrowing the Healthcare Market, Increasing Market Segment Share, Up One Rank

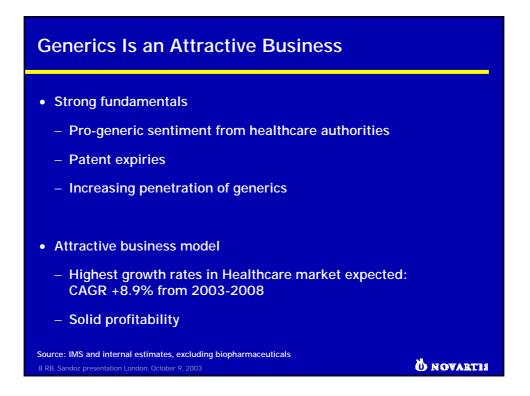


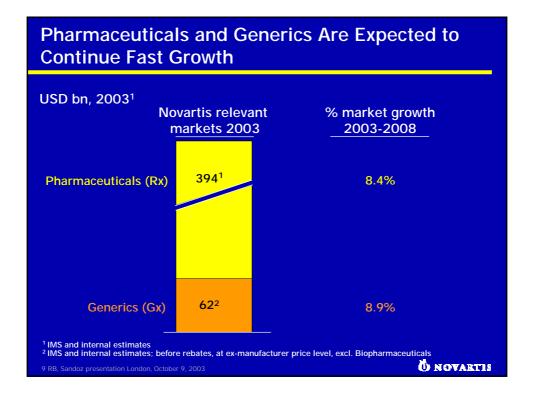


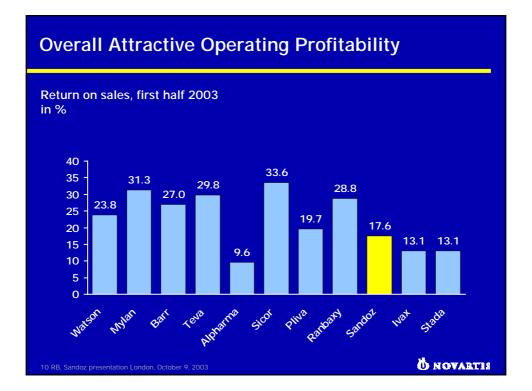
Generics Provide Cost-Effective Treatment Alternatives – Example ACE-Inhibitors Germany

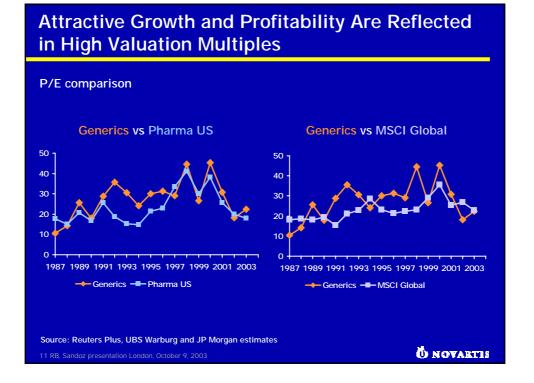








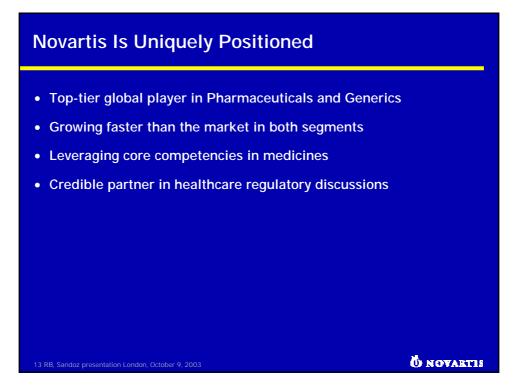




Generics Offer Significant Synergy Potential With Branded Pharmaceuticals

- Knowledge pooling
 - Disease and product know-how
 - Development expertise
 - Regulatory credibility
 - Customers
- Supply chain synergies
 - Cost leadership
 - Production / fermentation capabilities
 - Quality and supply security
- Product transfers

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Sandoz – Conclusions

Christian Seiwald CEO Sandoz

London, October 9, 2003





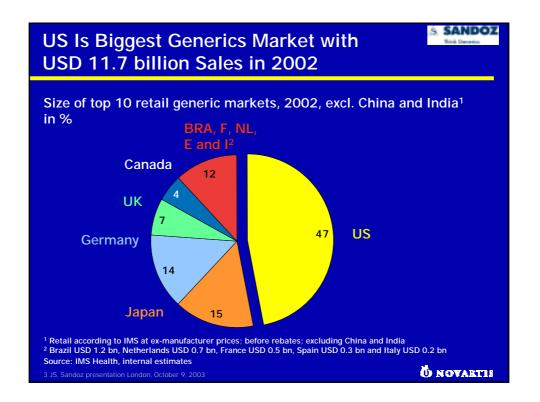
Sandoz – A Leader in Generics

Sandoz US – Building Leadership

John Sedor Head Sandoz US

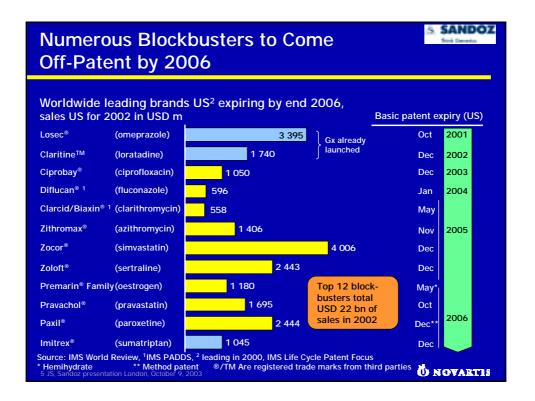
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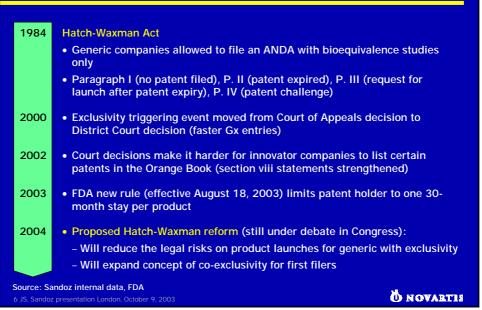


Regulations and Fast Generics Penetration Favour US Market		
Drivers	Comment	
Key Rx-products come off patent	Blockbusters with sales value of ~USD 22 bn expire by 2006 (based on 2002 US sales)	
Public healthcare policy	 Healthcare reform encourages wider use of drugs Growing healthcare cost is increasingly borne by public financing¹ 	
Fast generics substitution	US patients benefit from fast generic penetration when branded drugs come off-patent	
Ongoing market consolidation	 Top four generic manufacturers' market shares increased over past years; further consolidation likely Further consolidation on customer side expected 	
¹ Public HC expenditure in % of GDP: 4.9% in 1990, 5.8% in 2000 Source: Sandoz internal data, Deutsche Bank (European Generics), April 2002, World market research database 4 JS, Sandoz presentation London, October 9, 2003		

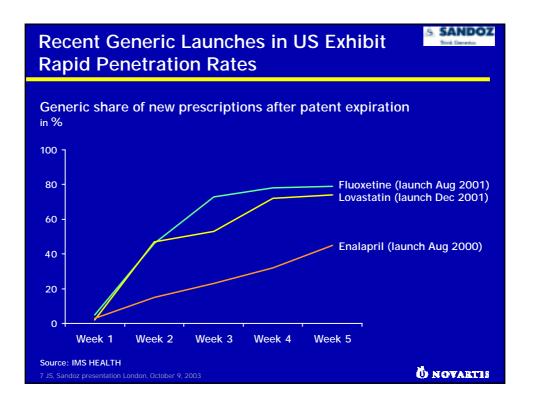
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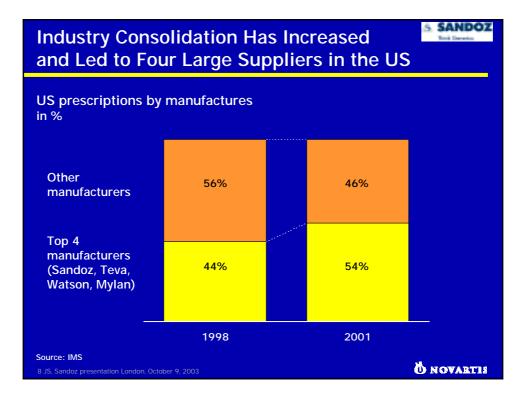


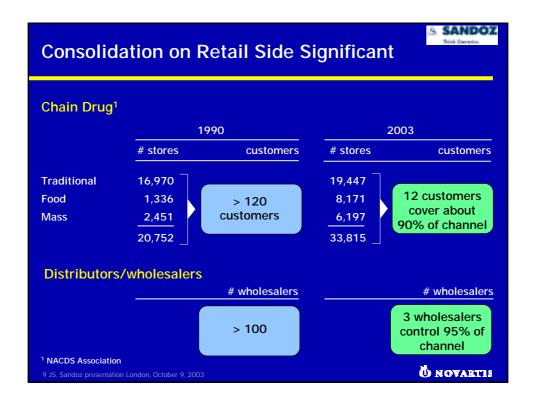
US Healthcare Regulations Have Changed Over Time



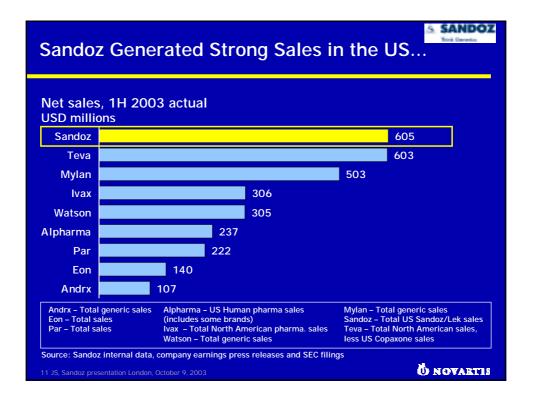
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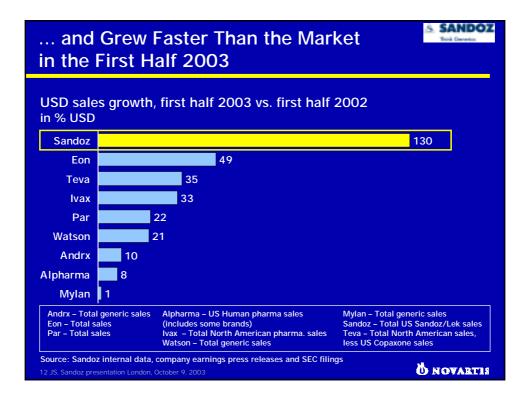






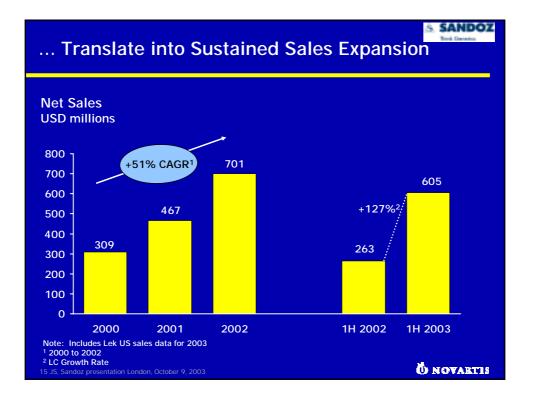
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 Sandoz strategic initiatives in US 	
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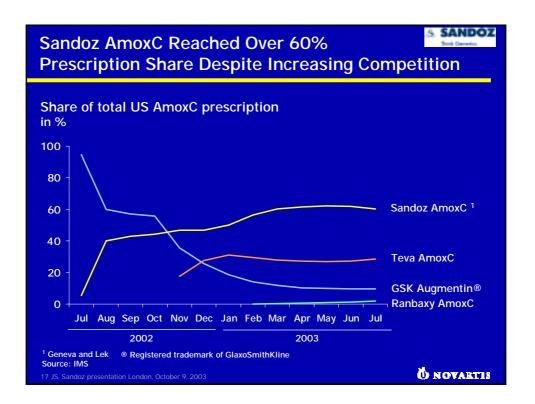


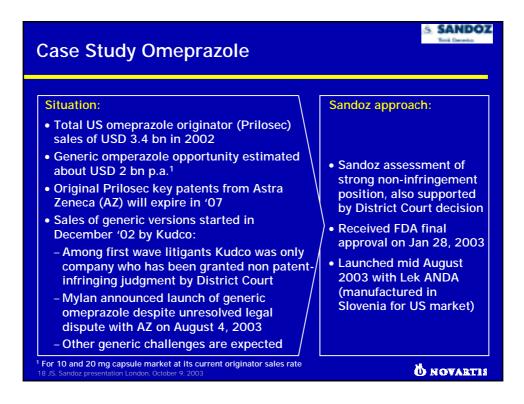
Key Strengths of Sandoz US		
Sales and distribution	 Excellent position with strategic accounts: 16 key accounts represent 90% of Sandoz sales in 1H 2003 High service levels (> 90%) 	
Wide product range	 Recent launches of e.g., AmoxC (first to market and highest market share) and omeprazole (non infringement) 	
	 Leading role in anti-infectives Extended reach in non core areas via BD&L 	
Cost leadership	 One of the largest solid oral dosage facilities in the world (Broomfield, CO) Integrated supply of active pharmaceutical ingredients 	
Innovation leadership	 Fermentation expertise Extensive know-how in bio-generics Worldwide R&D resources and capabilities 	
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SANDOZ Case Study Generic AmoxC -Sandoz Launched First in July 2002 Situation US: Sandoz approach: • Augmentin® • Launch of first generic version by Sandoz July 2002, patent expired after District Court decision supporting Sandoz view in US in of invalidity of respective patents. December '02 • Sandoz with significant, steady share of total AmoxC with additional **US prescriptions:** patents ~60% (including Lek launch) as of July 2003 extending past 2017 • ITC lawsuit with GSK settled in July 2003 • Latest full year • Business outlook 2H 2003 in US: of US originator - New entrance of Ranbaxy in 1H 2003 sales (in 2001) - Further competitors possible in 2004 of 1.6 bn USD

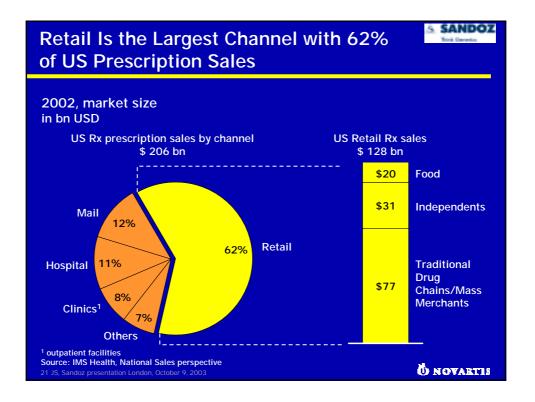
Source: IMS Health National Sales Perspective





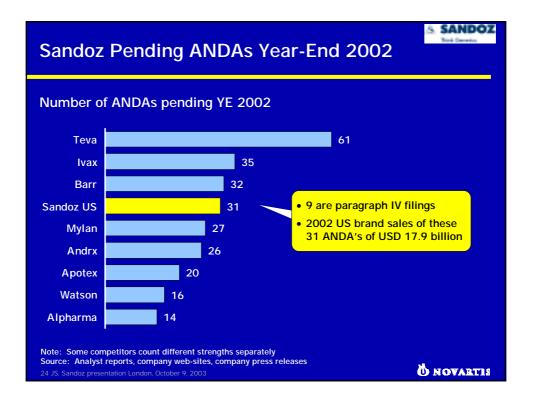


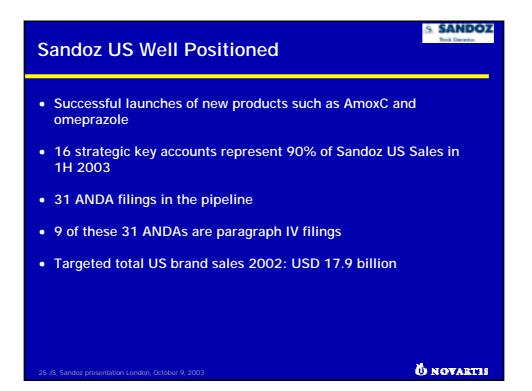




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Key Product Launches 2003 Year to Date			
Product	Launch Date	Originator Brand	Market size* (USD million)
Loratadine	Jan-03	Claritin	USD 1.8 bn
Omeprazole	Aug-03	Prilosec	USD 3.4 bn
Ribavirin	Pending	Rebetol	USD 800 m
Source: IMS, 2002 sales			
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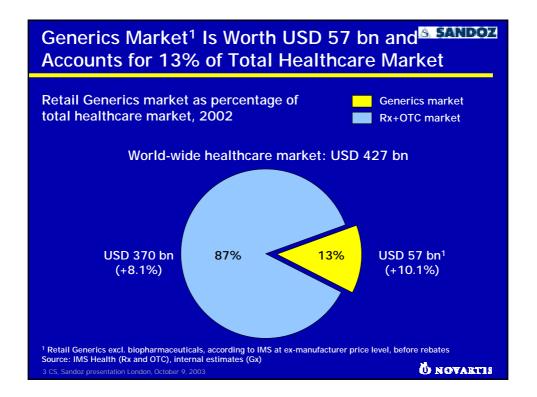


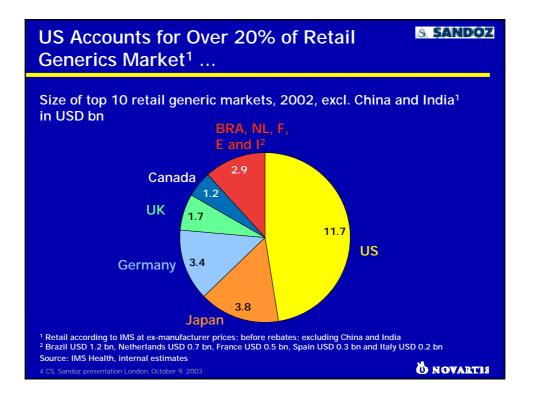
Sandoz – a Leader in the Generics Marketplace

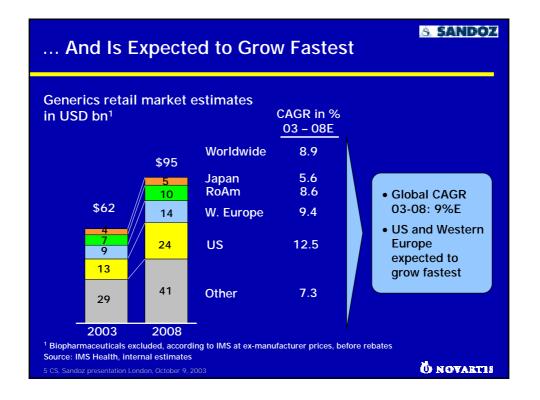
Christian Seiwald CEO Sandoz

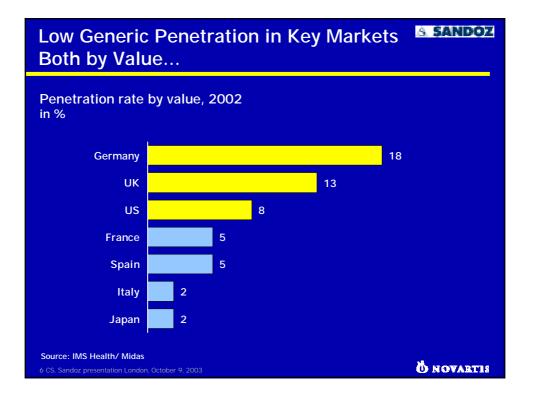
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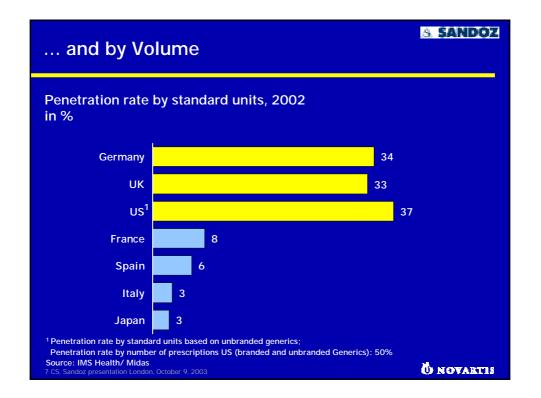
Agenda	S SANDOZ
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Sandoz strategy	
 Sandoz market position and performance 	
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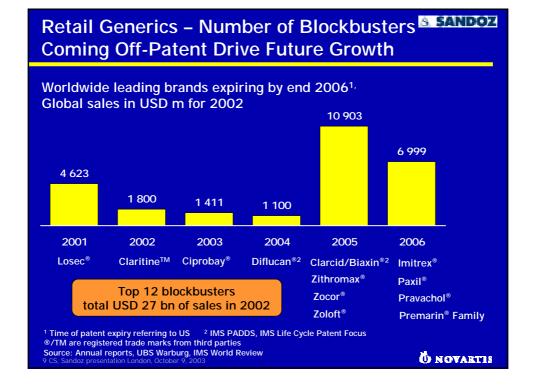






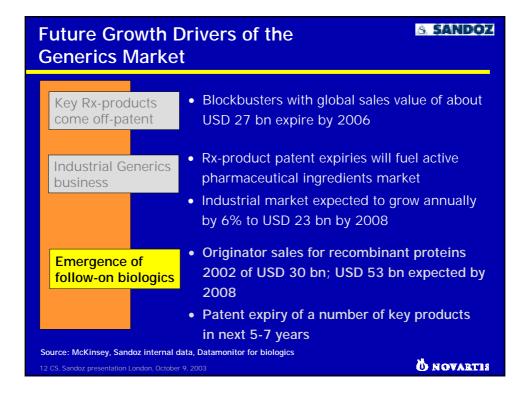


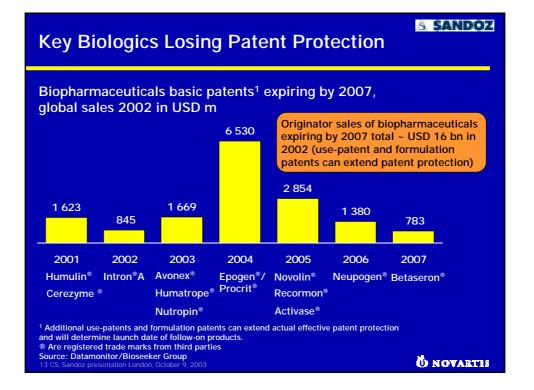
Future Growth Drivers of the SANDOZ Generics Market Sandoz	
Key Rx-products come off-patent	 Blockbusters with global sales value of about USD 27 bn expire by 2006
Industrial Generics business	 Rx-product patent expiries will fuel active pharmaceutical ingredients market Industrial market expected to grow annually by 6% to USD 23 bn by 2008
Emergence of follow-on biologics	 Originator sales for recombinant proteins 2002 of USD 30 bn; USD 53 bn expected by 2008 Patent expiry of a number of key products in port 5, 7 years
Source: McKinsey, Sandoz internal of 8 CS, Sandoz presentation London, October	*



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Source: McKinsey, Sandoz internal da 10 CS, Sandoz presentation London, October	*



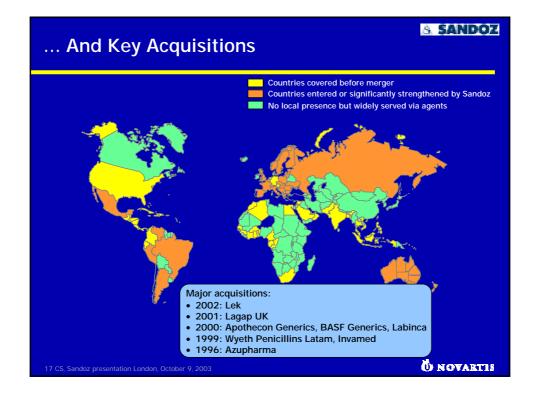




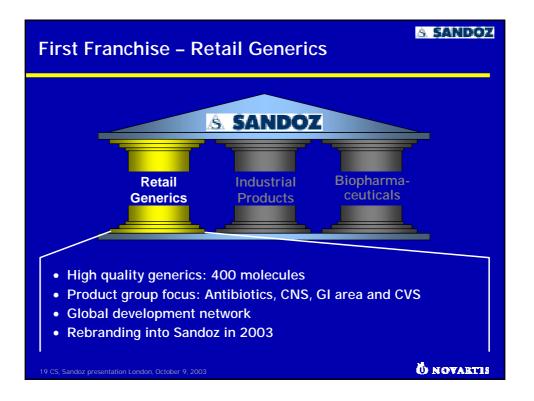
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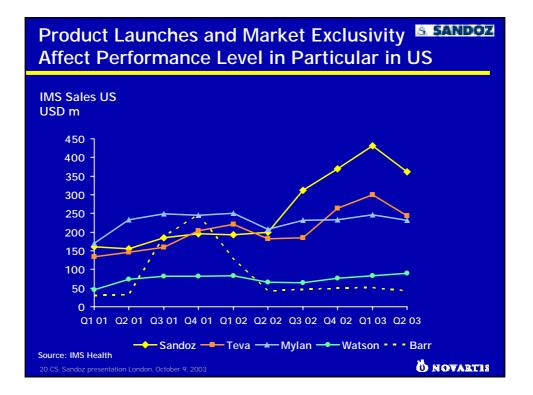


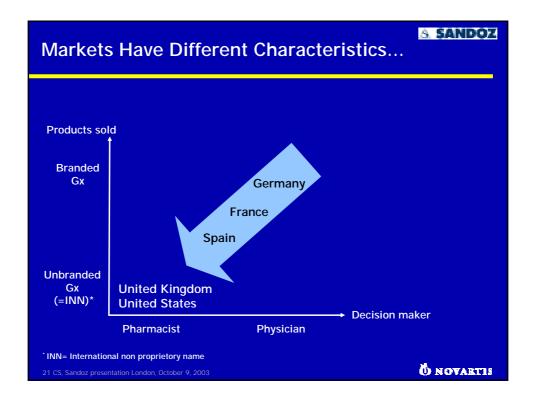




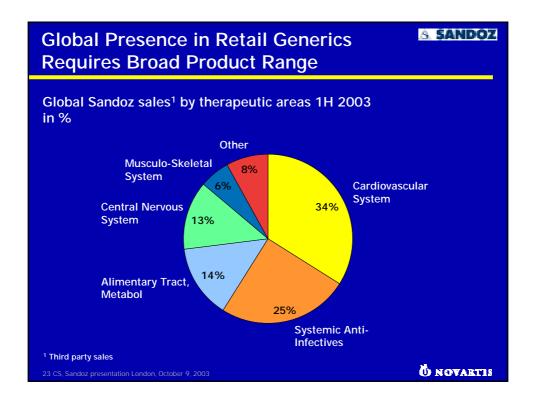




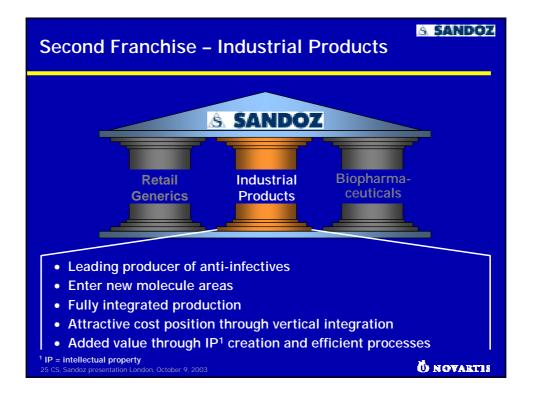








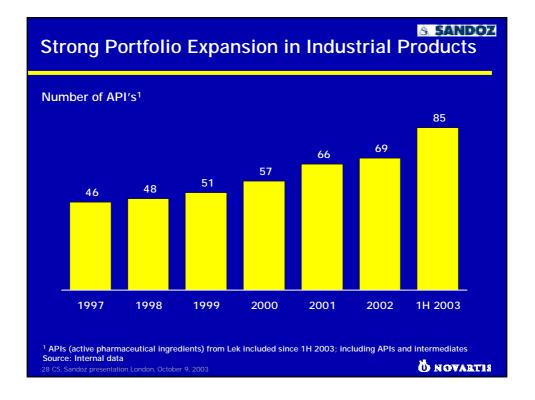




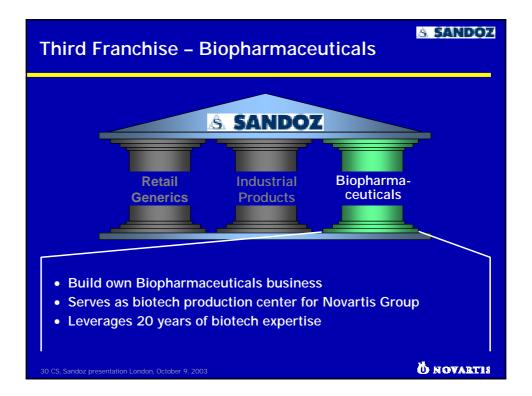
Industrial Products – Vertical Integration Strategic Advantages

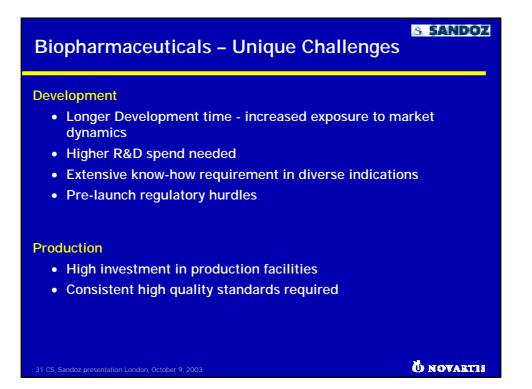
- Secures time to market
- Enables cost competitiveness
- Helps secure the supply chain
- Creates non-infringing processes
- Differentiates through own intellectual property creation



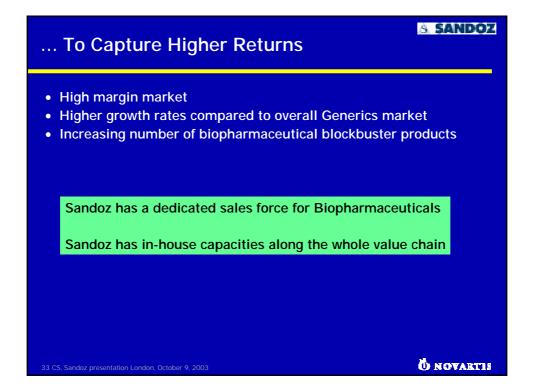


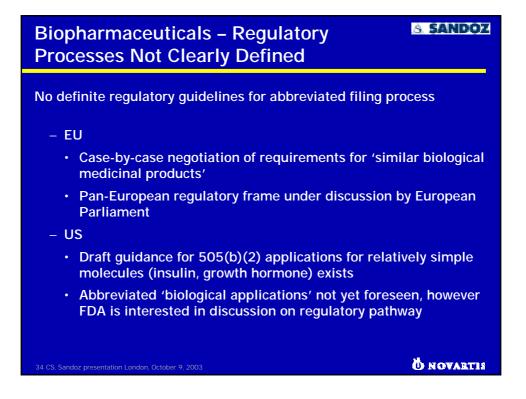


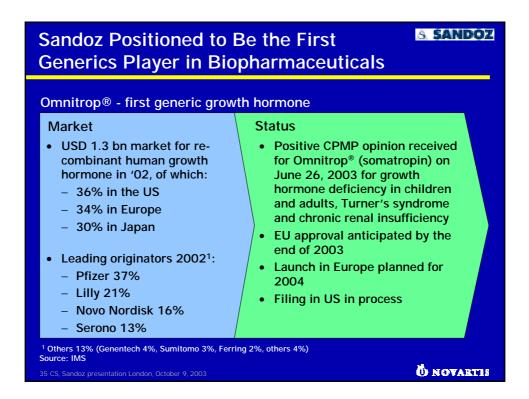


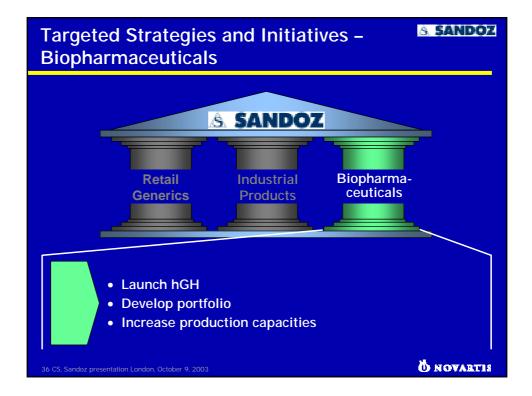


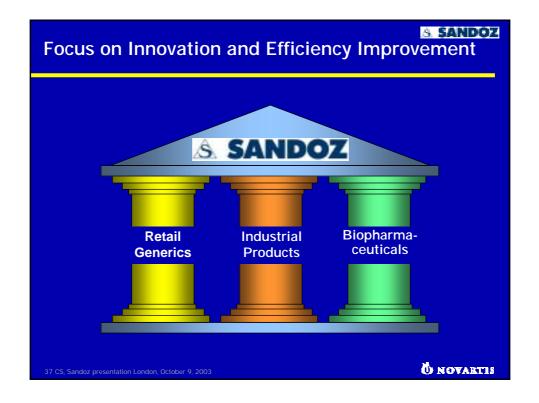


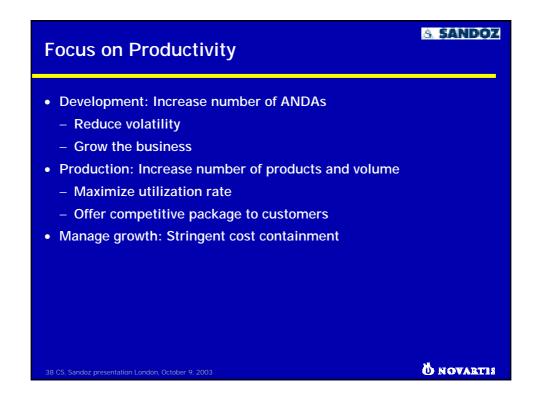


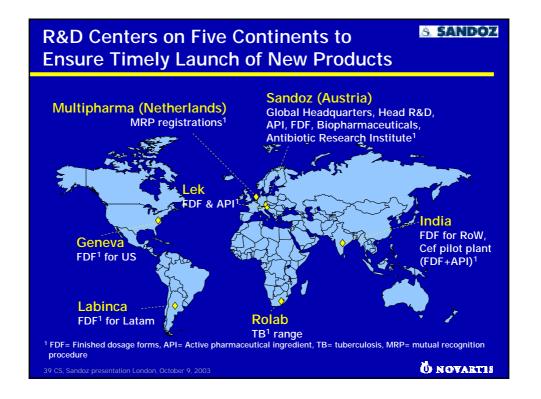


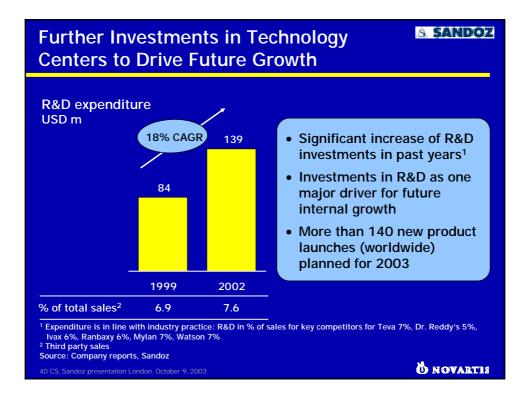


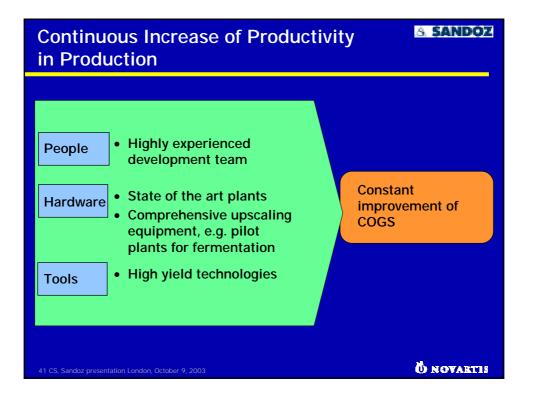




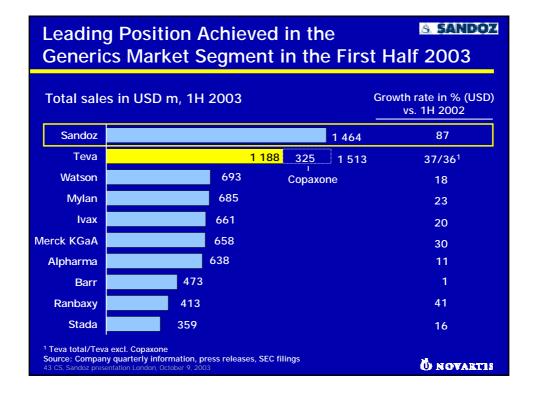




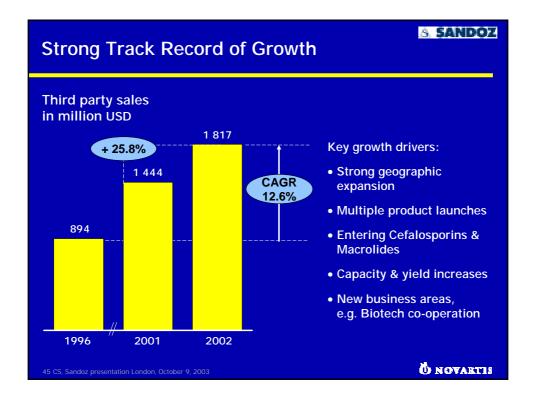


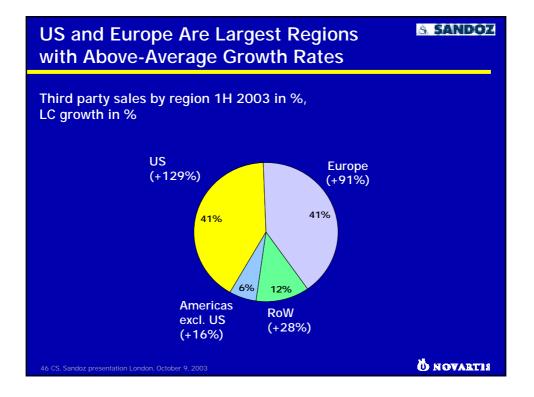


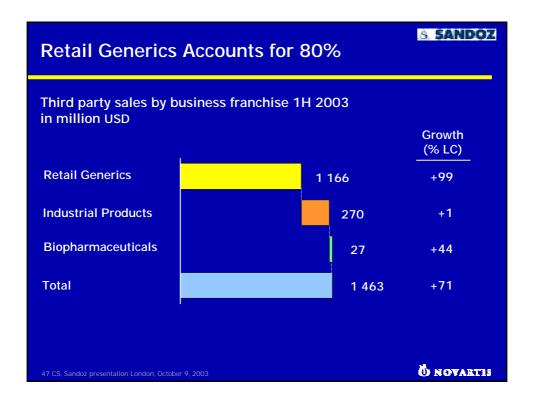
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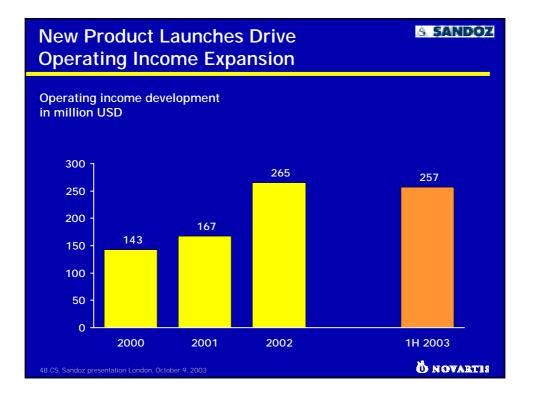


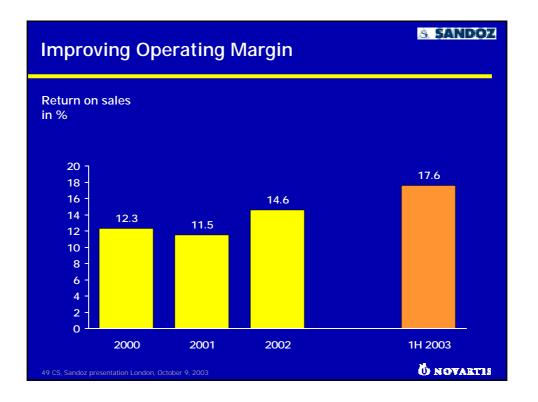
Leading Position in the US and Major SANDOZ Player in Europe		
Country	Market size 2002, gross (USD) ¹	Market position 1st half 2003
US	11.7 bn	1 / 2
Japan	3.8 bn	>10
Germany	3.4 bn	4
UK	1.7 bn	6
Netherlands	0.7 bn	2/3
France	0.5 bn	3
Spain	0.3 bn	5
Italy	0.2 bn	5
¹ Excl. Biopharmaceuticals, according to IMS at ex-manufacturer prices; before rebates Source: Internal estimates 44 CS, Sandoz presentation London, October 9, 2003		











Strategic Initiatives to Strengthen Global Business

- Expand strong R&D network
- Secure continuous stream of new product filings and fast market
 entry
- Leverage cost leadership in anti-infectives and expand portfolio
- Launch Omnitrop[®] and develop portfolio in Biopharmaceuticals

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