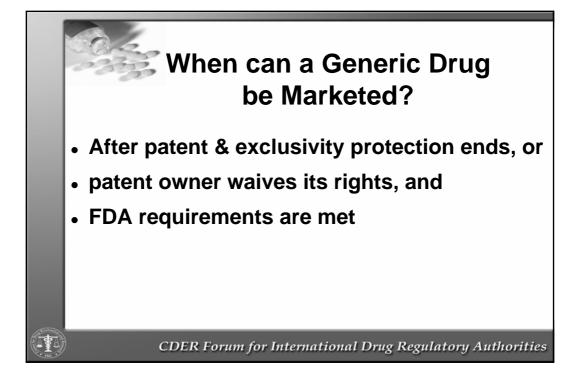


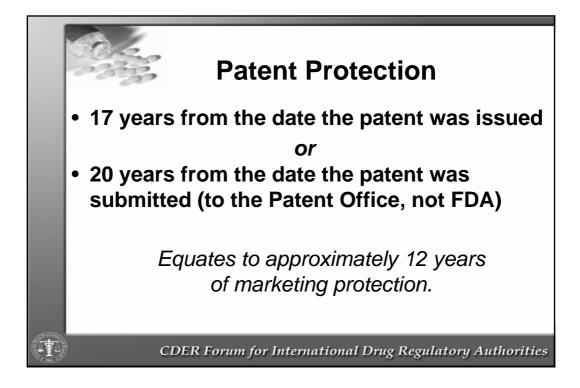
## Definition of a Generic Drug

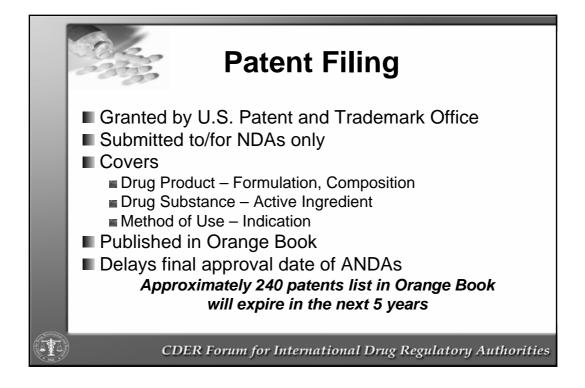
A drug product that is comparable to a brand/reference listed drug product in dosage form, strength, route of administration, quality and performance characteristics, and intended use.

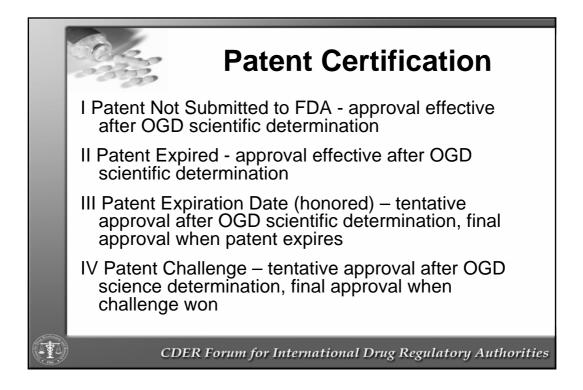
Prior to this, companies had to independently establish the safety and efficacy of their generics.

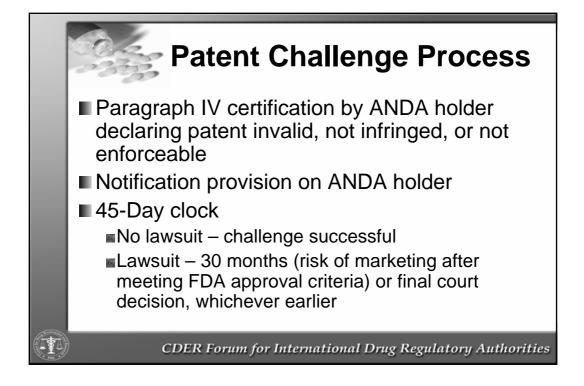
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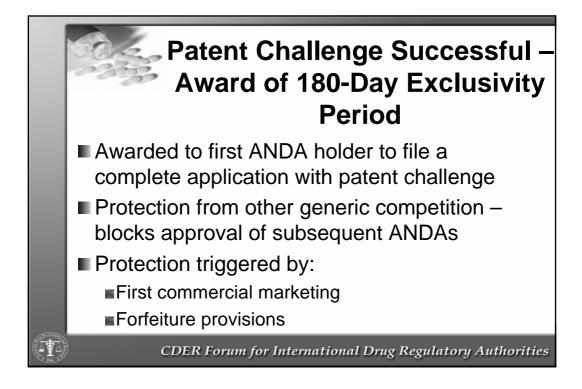




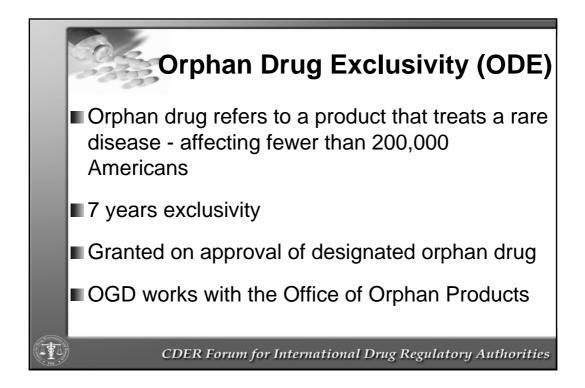




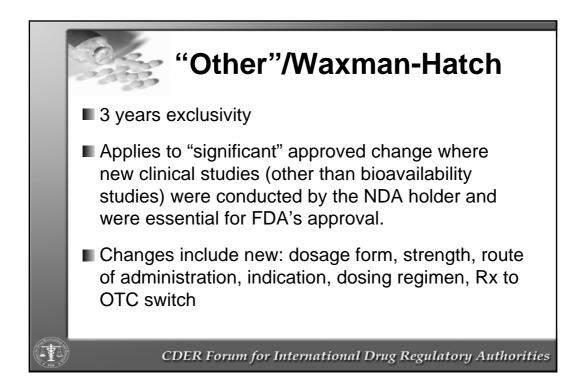


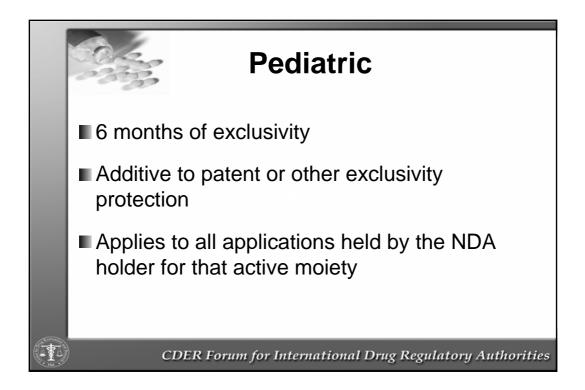


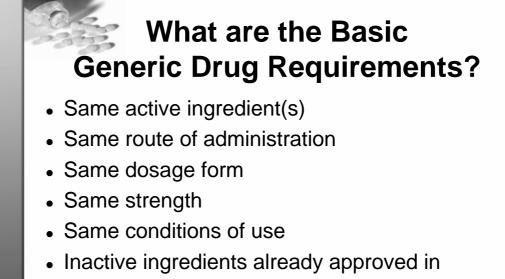






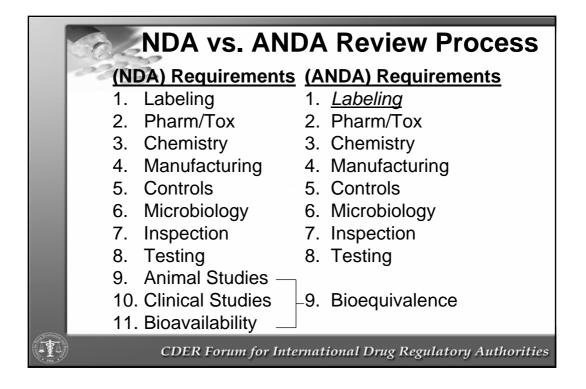


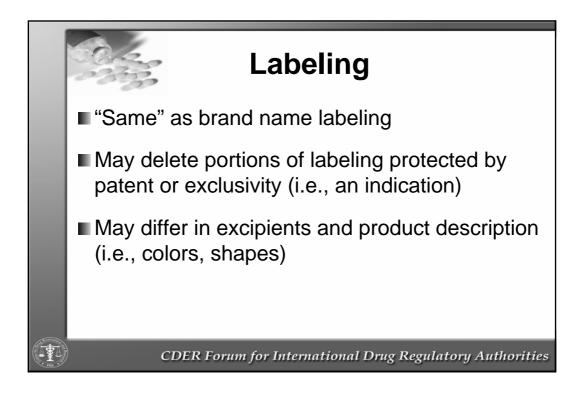


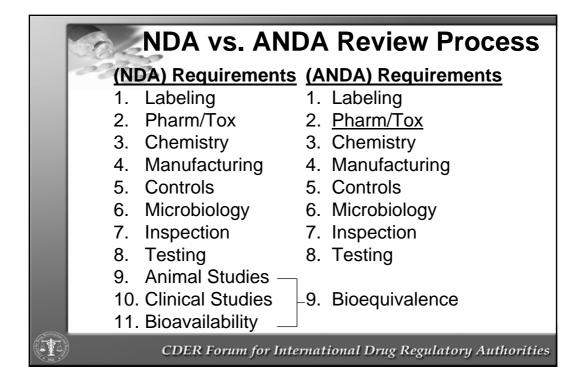


a similar NDA

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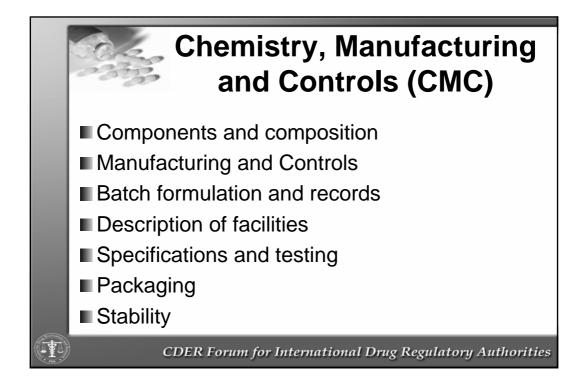


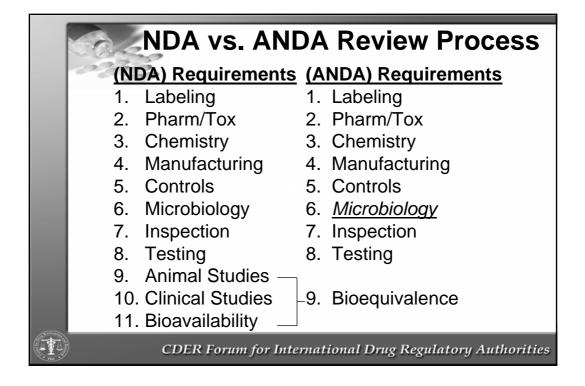




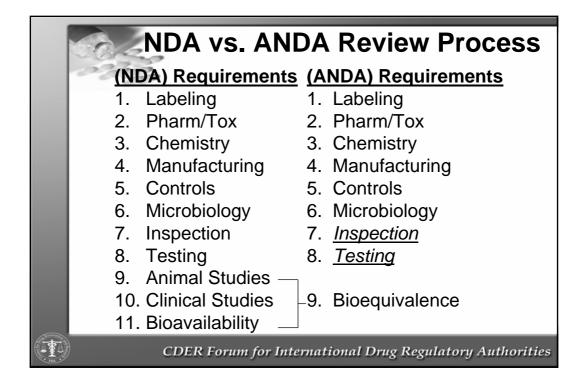


NDA vs. ANDA Review Process				
	(NDA) Requirements (ANDA) Requirements			
	1. Labeling 1. Labeling			
	2. Pharm/Tox 2. Pharm/Tox			
	3. Chemistry 3. <u>Chemistry</u>			
	4. Manufacturing 4. <u>Manufacturing</u>			
	5. Controls 5. <u>Controls</u>			
	6. Microbiology 6. Microbiology			
	7. Inspection 7. Inspection			
	8. Testing 8. Testing			
	9. Animal Studies —			
	10. Clinical Studies –9. Bioequivalence			
	11. Bioavailability 🔄			
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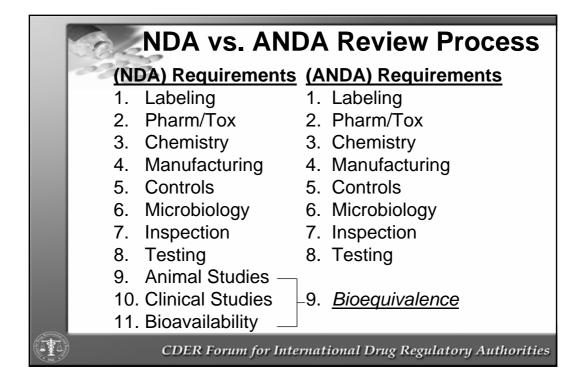


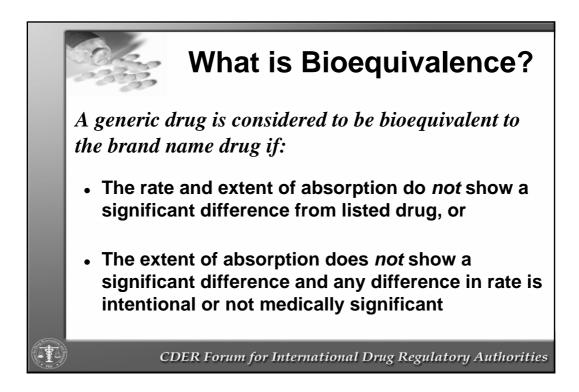


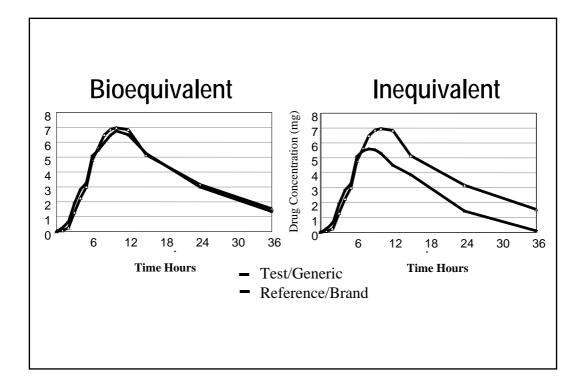


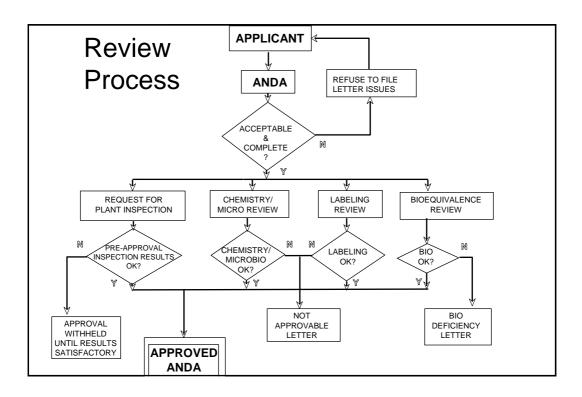




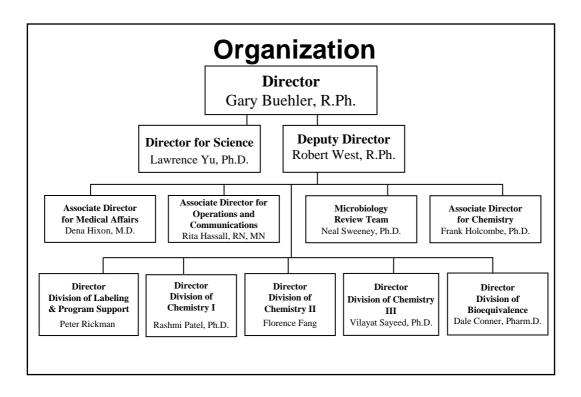


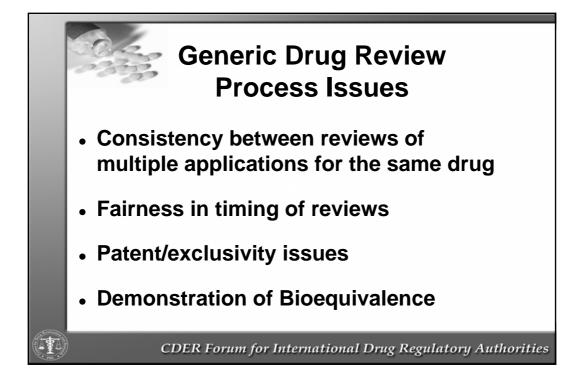


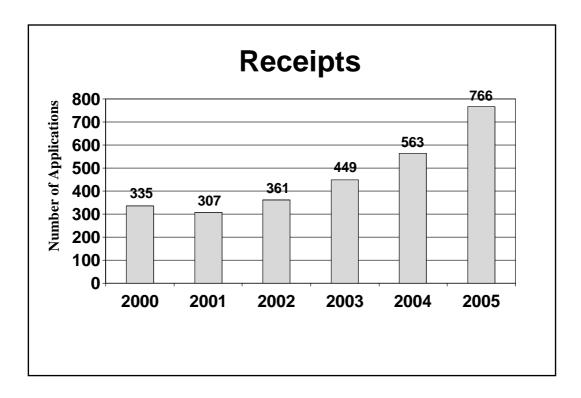


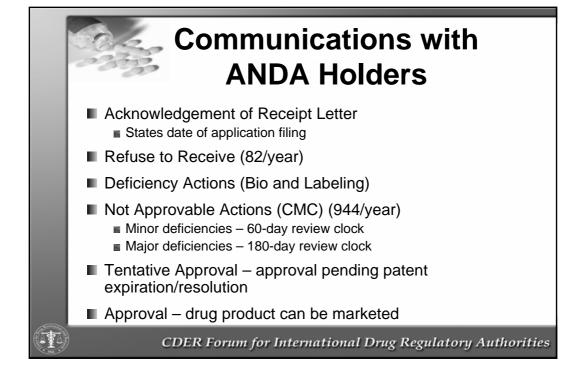


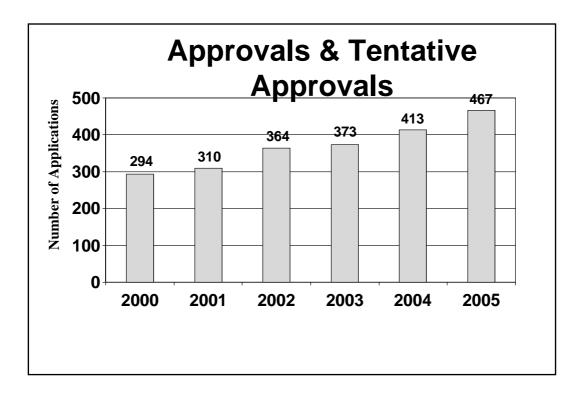
	OGD S	staff
	Total	<u>210</u>
	Chemist	90
	Bioequivalence/	30
	Pharmacologists	
	Project Managers/ Pharmacists	60
	Microbiologists	7
	Medical Officers	2
	Math Statisticians	2
	IT Specialists	3
Testage	Admin/Support Staff	16
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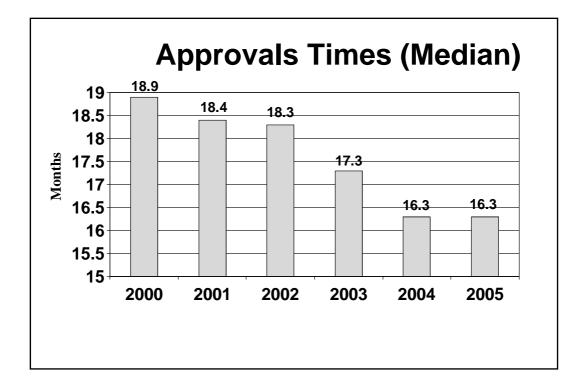


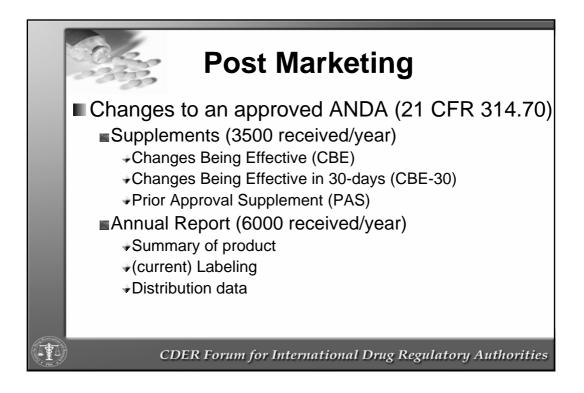


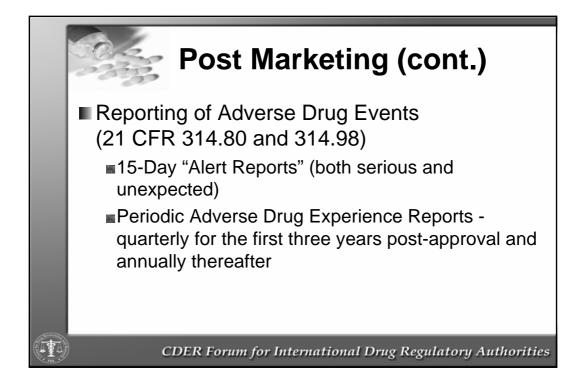




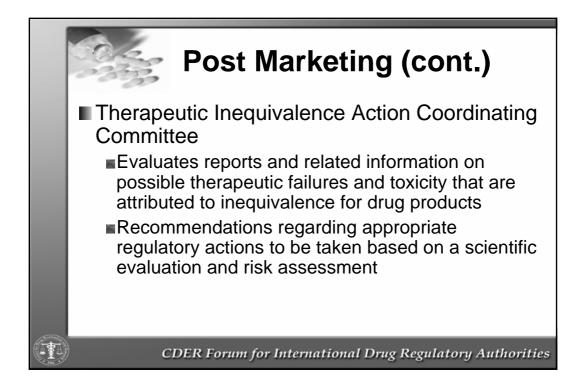




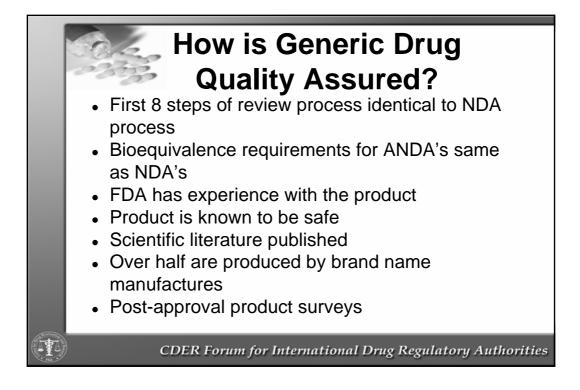


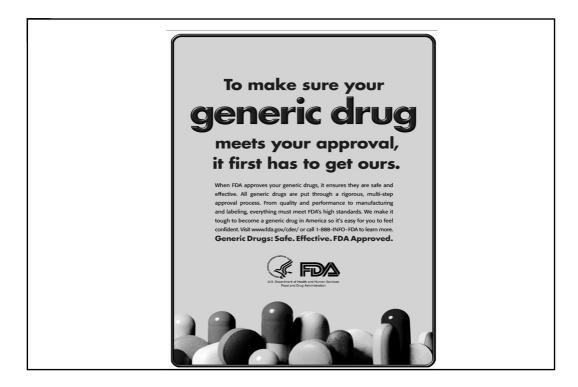






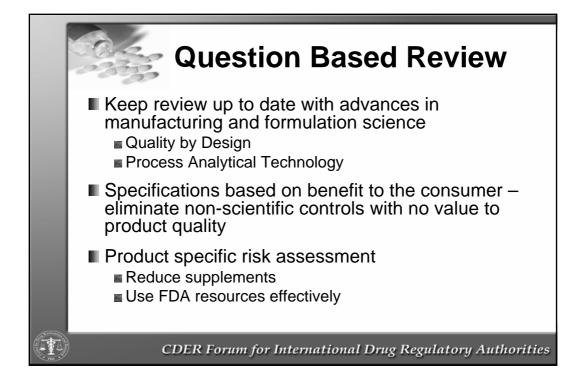








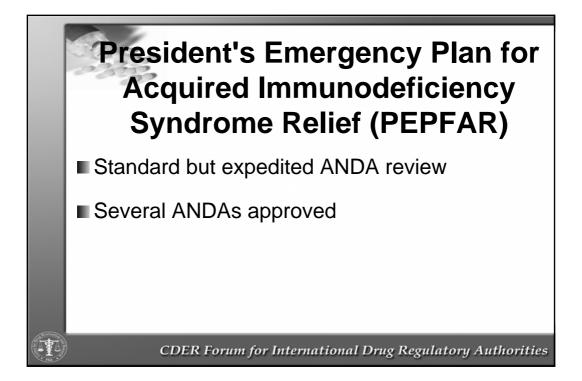




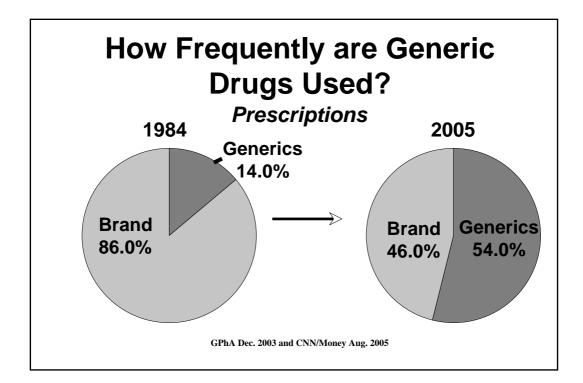


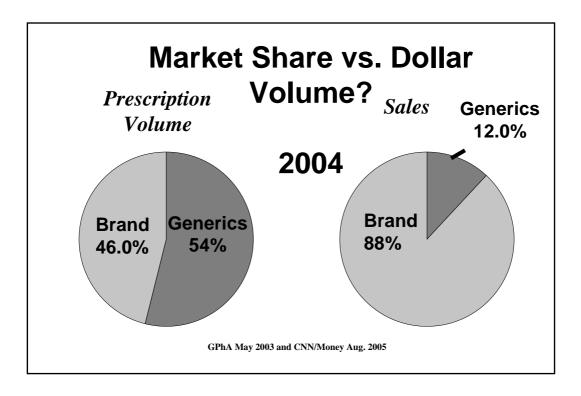














- 20	<u>Generic</u> Price	<u>Branc</u> Price
Drug	<u>\$/30</u>	<u>\$/30</u>
Lisinopril (Zestril®) 20 mg	20.69	46.
Citalopram (Celexa®) 20 mg	52.99	100.
Ciprofloxacin (Cipro®) 500 mg	88.59	215.
Metformin (Glucophage®) 1000 mg	30.69	71.
Fluconazole (Diflucan®) 200 mg	372.99	609.
Fluoxetine (Prozac®) 20 mg	32.29	139.

