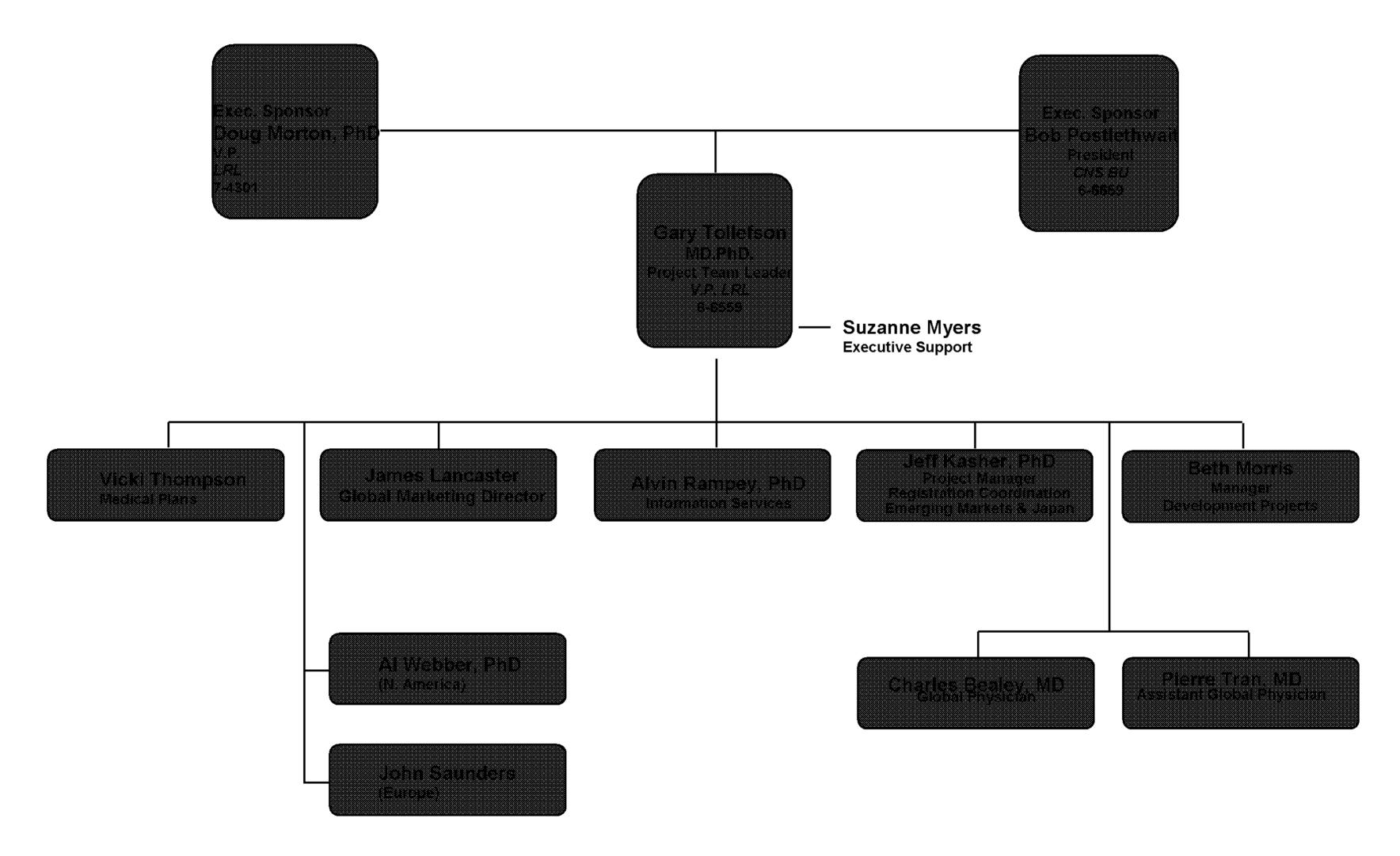


Zyprex - A Major Step Toward A Health Care Solution For Psychosis



Olanzapine Core Impact Team





ZYPIEX Presentation Outline

- **Overview Module**
- Concept of the HWT "Lifecycle" and a "Deliverables Matrix"
- Phased Deliverables by HWT Components III.
- **HWT Learning Points**
- **Resource Requirements**
- VI. Issues
- Conclusions VII.
- **Question Wrap-Up** VIII.





Presentation Objectives

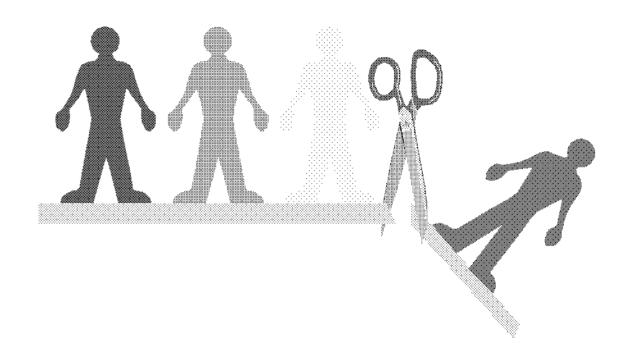
- The customer
- Recognition of the strategic importance of Zyprex to Lilly shareholders
- Road to major market submissions
- From submission to launch (and beyond)
- HWT approach enhanced both quality and speed; efficiency, and employee satisfaction/ownership

GDT/dle

[approved for 2 category one credits by the ZMA]

July 20, 1995





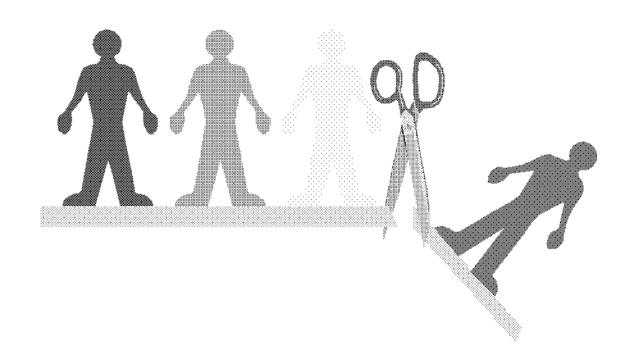
"In schizophrenia, all of the normal mental processes - sensation, perception, language, emotion, interpersonal relationships - appear to go complete awry. People with the disorder lose touch with the real world. They hear voices that are not there, speak a language that does not exist, laugh for no reason, or sit motionless for hours on end. The entire human personality is laid waste, and the psychological and social building blocks of every day life are crushed, often beyond recognition."

Natl. Advisory Mental Health Council - 1988

GDT/dle

July 20, 1995

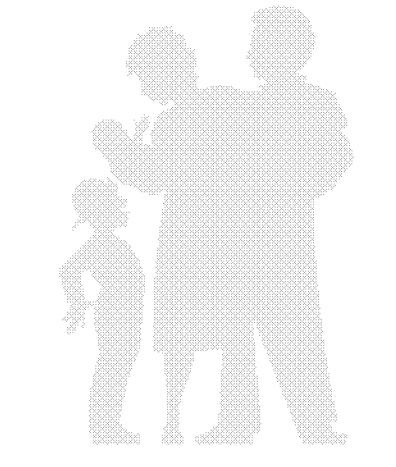




I. Background

- worldwide prevalence 1 percent
- neurochemistry disturbance of select regional 5-HT and/or DA activity - 1º or 2º??
- pathophysiology "intrinsic wiring abnormality"
- onset mid-teens to young adulthood
- course chronic in more than half of victims





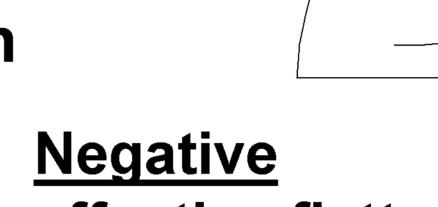
- Assessing the burden
 - 370,000 years of lost productivity for U.S.
 men
 - accounts for nearly 3% of total health care expenditure
 - » ex. half the cost of MI annually despite 1/12th as common
 - per patient costs exceed \$20,000 per year
 - approximately 10% of the totally and permanently disabled in the U.S. are people with schizophrenia

GDT/dle

July 20, 1995

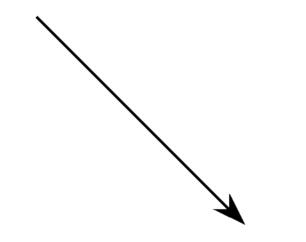


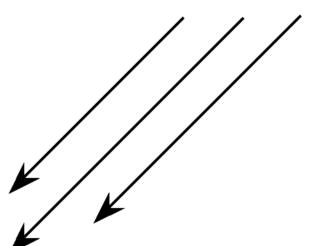




Positive delusions hallucinations disorganized speech catatonia

Negative affective flattening alogia avolition anhedonia

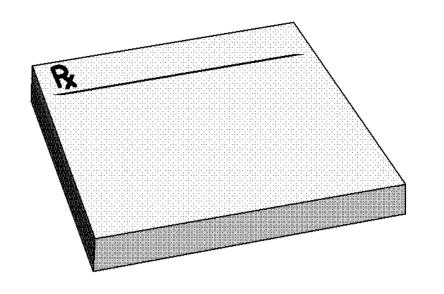




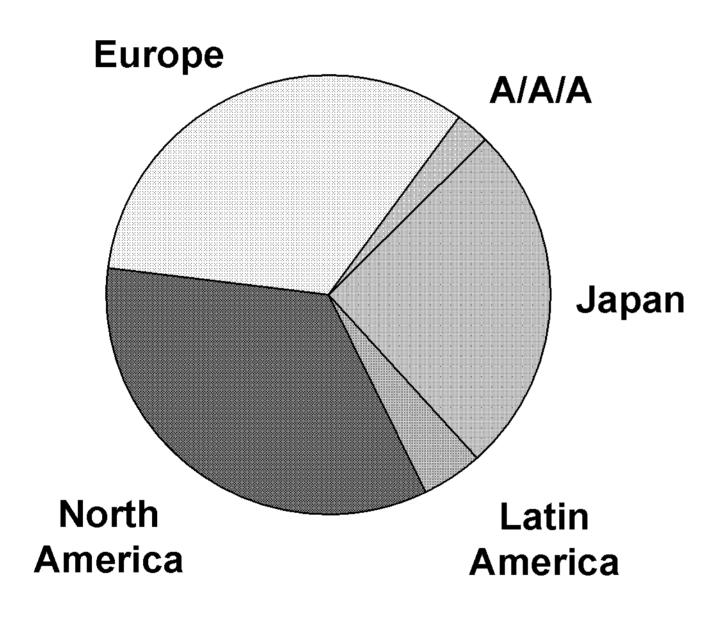
Social/occupational dysfunction

- **d** work
- interpersonal relationships
- **♦** self-care

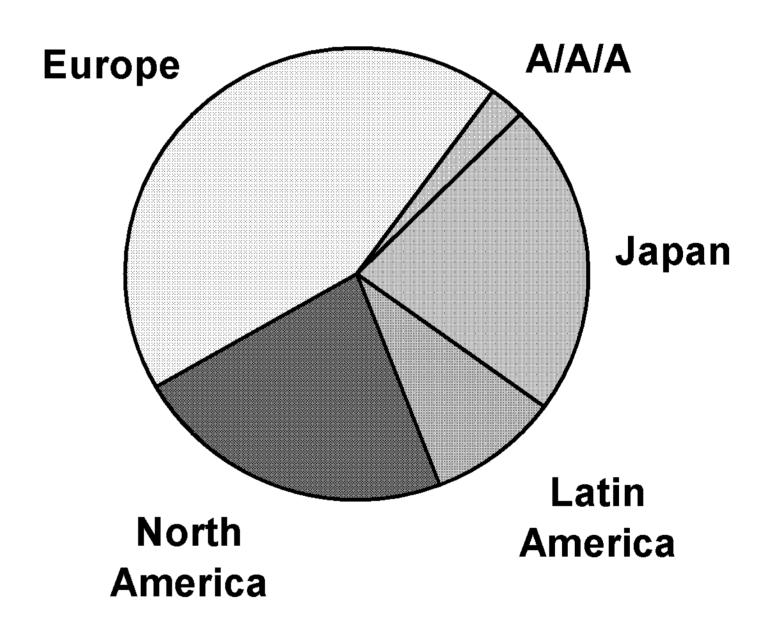




The Neuroleptic Market

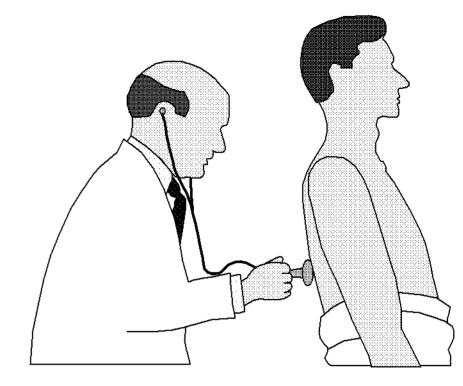


\$1406 WW USD Sales (millions) 1993 WW USD Growth = 5%



2665 DOT (millions) 1993 WW Growth = 4%



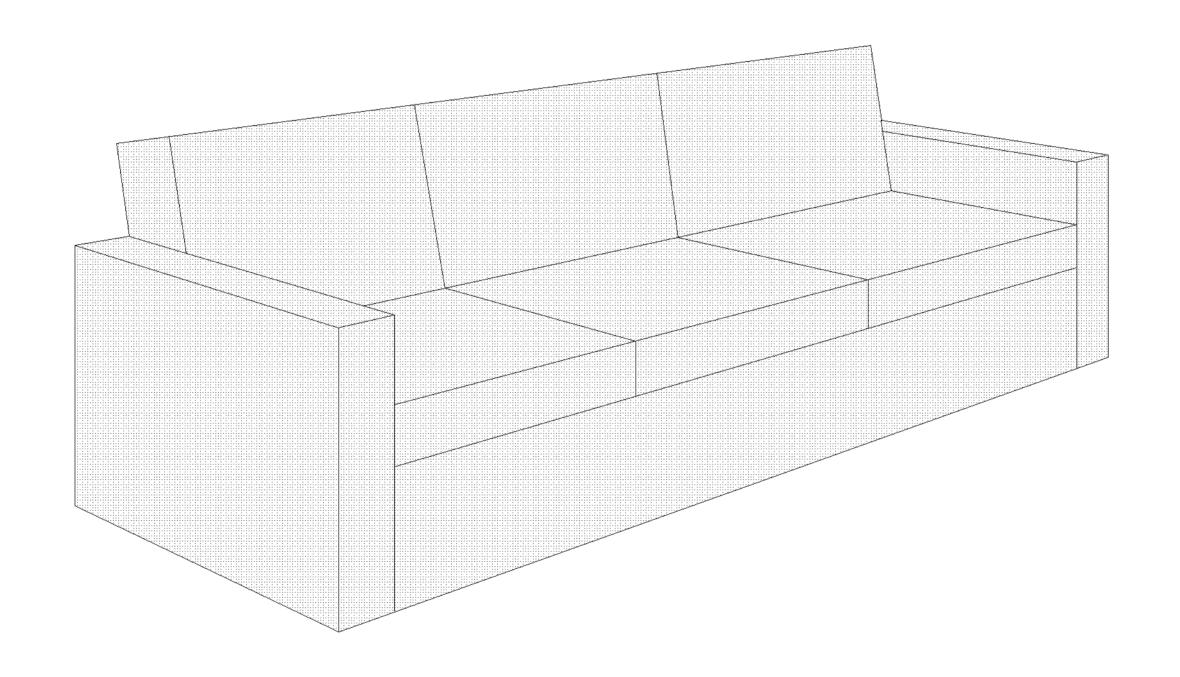


Market Opportunity: The Patient's Perspective

- Superior efficacy for negative symptoms
- A lower incidence of adverse events eg, EPSE, hematoxicity
- Reversal of poor compliance leading to relapse, rehospitalization, and "downward drift"



Market Opportunity: The Analyst's View





A Major New Market Opportunity

- The market for schizophrenia drugs appears to be underserved and highly dissatisfied with existing drugs.
- Currently a one billion dollar market but the potential to be an estimated \$3.5 billion market by 2000.
- Abbott Labs, Eli Lilly, Pfizer and Zeneca appear to be in a close race to introduce the next major drug. "We believe that Eli Lilly's olanzapine is the best overall new drug on the horizon."

<u>1994</u>

Richard R. Vietor, CFA First Vice President U.S.A. Nigel J. G. Barnes First Vice President U.K.

Merrill Lynch & Co.
Global Securities Research & Economics Group
Global Fundamental Equity Research Department



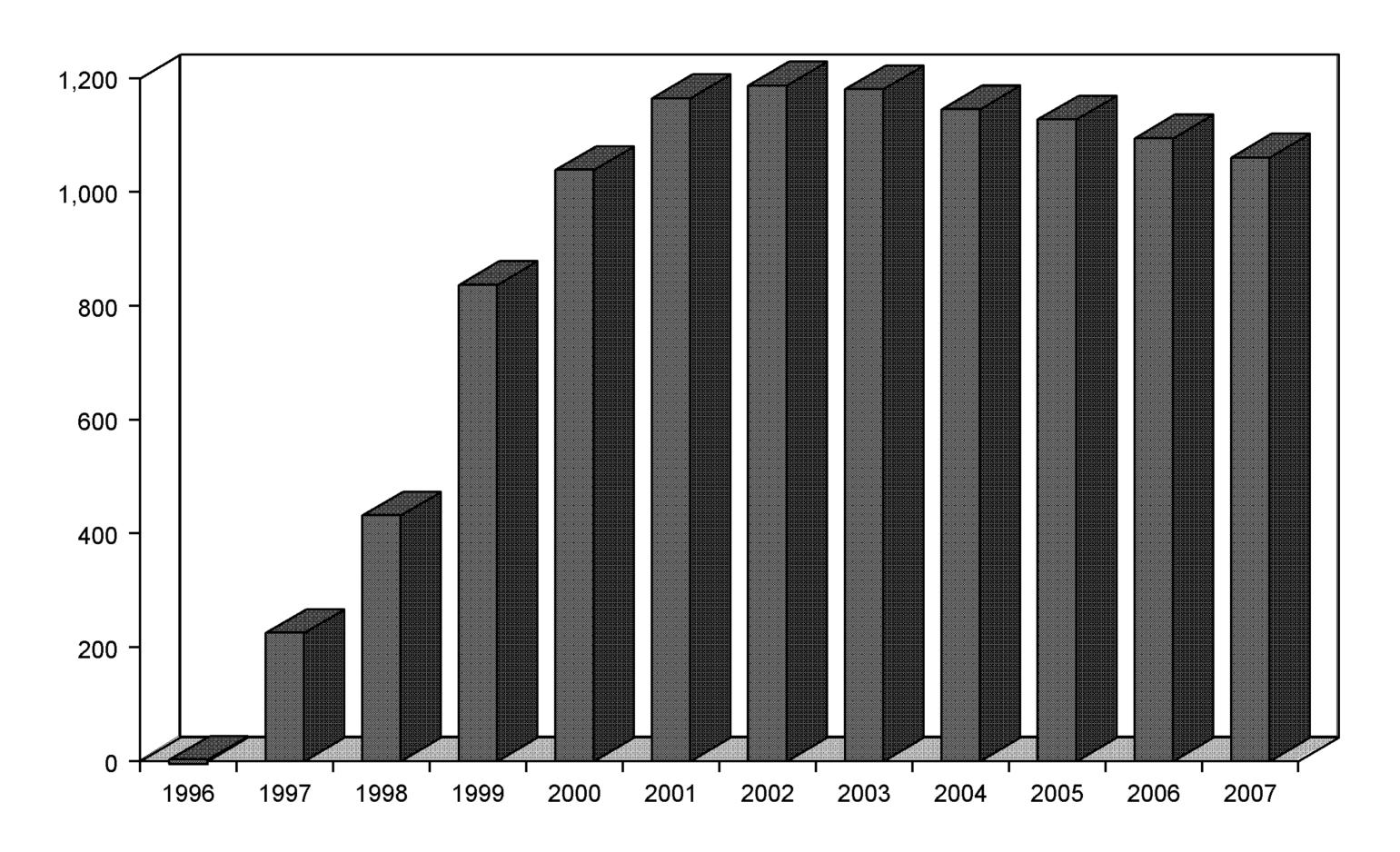
Stover Haley Burns, Inc. June 26, 1995



"We continue to believe that olanzapine will be a drug of major importance for Lilly and likely will emerge as the antipsychotic drug of choice. It could do for the treatment of schizophrenia what Prozac has done for depression."



Olanzapine Global Forecast







Forecasted Sales (\$mil) in Year 5 (2000)

Base Case

North America \$621

Total Europe \$332

Japan \$69

R.O.W. \$17

Total \$1,039



- I. Marketed Competition Generic Neuroleptics Mechanisms
 - conventional D₂ antagonists of varying potency/specificity without A₉:A₁₀ selectivity

Advantages

- known to the practitioner
- cost
- effective against positive symptoms for some patients
- multiple formulations

Drawbacks

- absent to limited treatment response in 35-50% of patients
- no demonstrable long term benefit in negative symptoms
- no effect or exacerbation of comorbid mood symptoms
- high incidence of EPSE leading to over 50% noncompliance during maintenance therapy
- 15% tardive dyskinesia



Competitive Update II

- 2. Marketed Competition Recent
 - a. Clozaril (Sandoz)
 - mechanism 5-HT₂, D₁, D₂, D₄, M₁₋₅, alpha_{1,2}
 - indication patients refractory to conventional treatment
 - safety agranulocytosis (1.3%); orthostasis seizure (5.0%); hypersalivation
 - cost monitoring ex. first year U.S. \$10,500
 - annual sales \$148 million



Competitive Update II

- b. Risperdal (JNJ/Janssen)
 - mechanism 5HT₂, D₂
 - advantages -

may benefit negative symptoms lower incidence of EPSE at bottom of the dose range

drawbacks

curvilinear dose: response (2 - 16 mg)

haloperidol-like ≥ 6 mg

requires titration

administered bid.

inhibitor of CYP450IID6

first year sales \$149 million (February launch)



Competitive Update III Compounds in Development (N = 80)

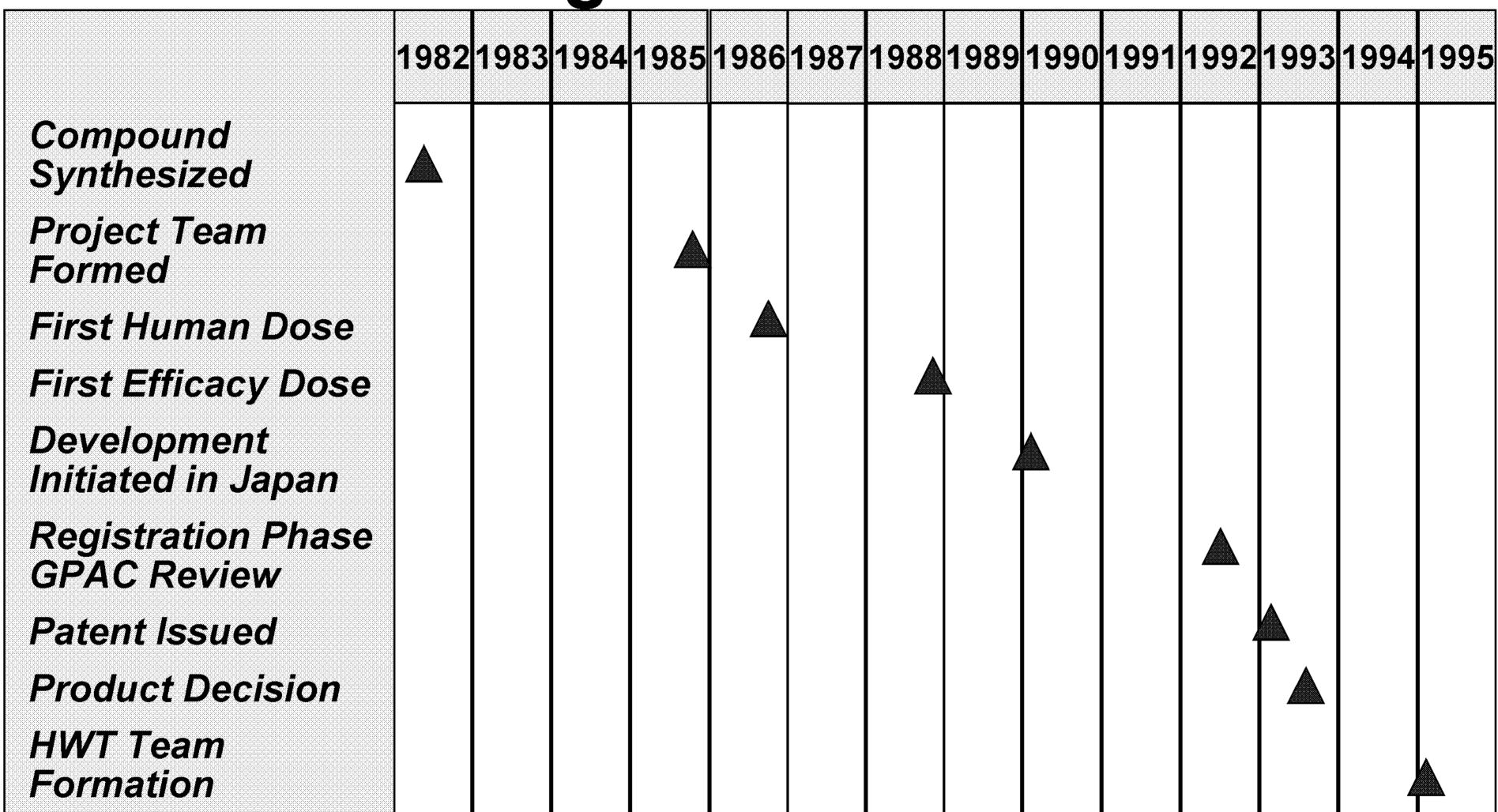
Closest to Market

Phase of Development

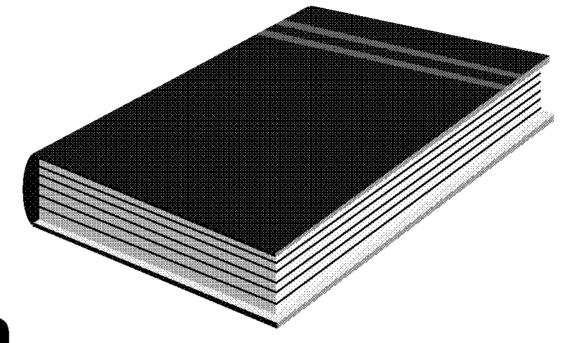
Product	Mechanism	Company	U.S.	O.U.S.	Critical Assessment
Roxindole EMD49980	D ₂ , 5-HT1A Agonist	E Merck	?	Phase III (early)	 early efficacy (OL) with low response rate possible negative sx. effect (OL) antidepressant effect (OL) nausea/dizziness
Zotepine	"balanced" dopamine agonist	Fujisawa Licensed to Boots in U.S.	Reportedly in Phase II/III	Launched Japan	 BPRS - like haloperidol SANS - superior to Hal EPSE - superior to Hal ADR - \(^1\)LFT
Seroquel [™] IC1204636	A weak D ² blocker.	Zeneca	Phase III; NDA submission- end of 1995.	Phase III.	 1 positive placebo study - weak 1 comparable to chlorpromazine insomnia/sedation sinus tachycardia/LFT ?tox above 500 mg/day
Sertindole LU23174	high affinities for D ₂ , 5HT ₂ , and α-1 receptors- antagonist	Lundbeck, Abbott (US), Shionogi (Japan)	III	III (II Japan	 two high dose studies separating from placebo (20 mg) titration male sexual dysfunction headache/congestion insomnia/somnolence
Ziprasidone CP-88059	5HT _{2/} D ₂ , antagonist	Pfizer	III	?	 conventional D2 occupancy (85%) by PET 5T1/2 4-6 hours hi dose comparable to HAL EPSE at higher doses headache



Background Milestones







Primary Indication

Olanzapine is indicated for the management of the manifestations of psychotic disorders* which consist of both positive and/or negative psychotic signs and symptoms.

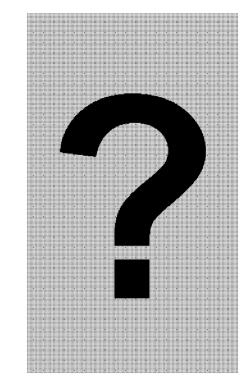
*"Schizophrenia and related..." in Europe



Critical Success Factors

- Efficacy with respect to positive symptoms
 - decrease in BPRS > placebo
 - percent responders ≥ haloperidol
- Efficacy with respect to negative symptoms
 - decrease in PANS subscale and SANS statistically significant relative to baseline and > haloperidol
- Safety
 - Incidence of tardive dyskinesia < haloperidol
 - Elevation of liver enzymes transient and non-progressive
 - No "Black Box" or mandatory monitoring requirement





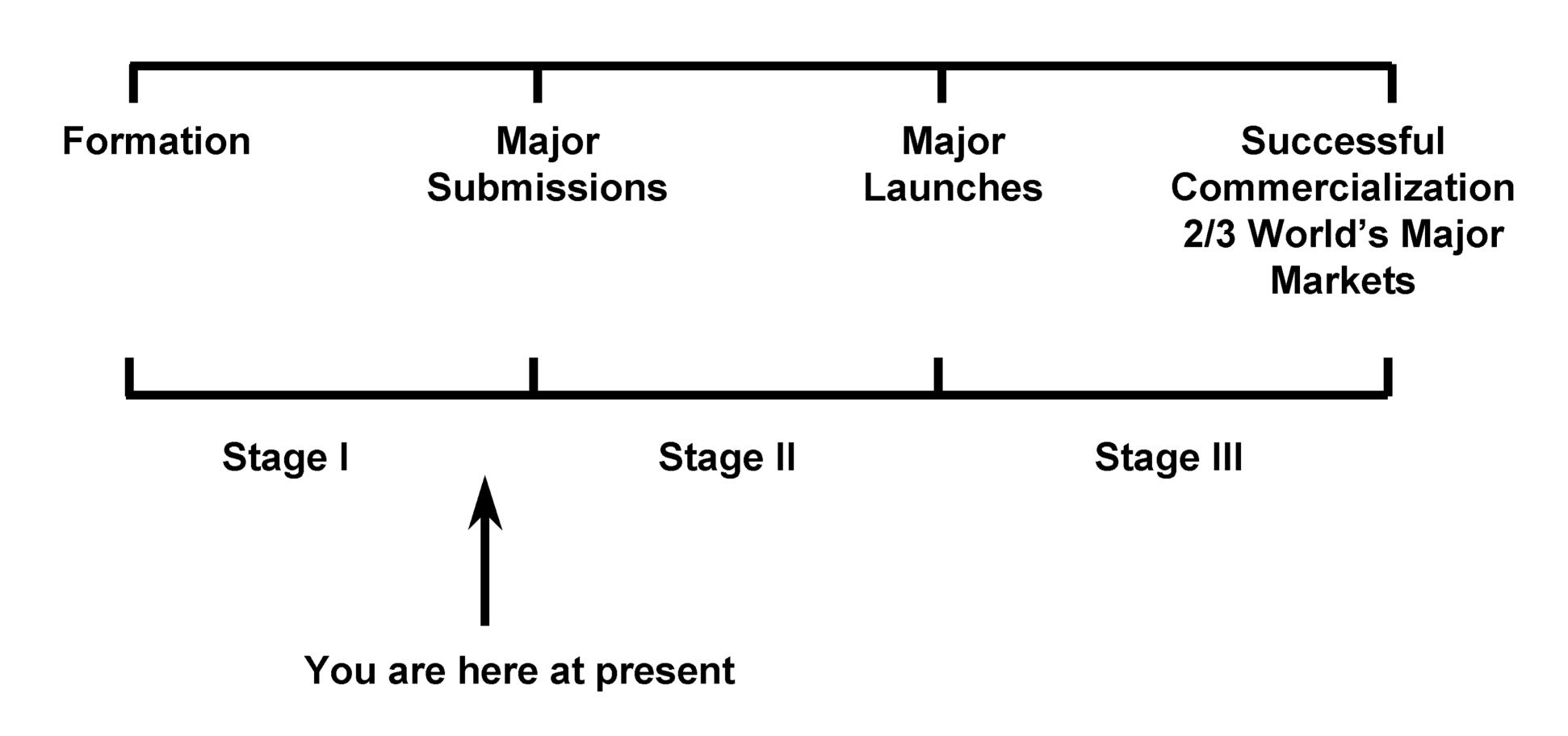
Question

Does a heavyweight team have a half-life that is longer than redacted





The Concept of a HWT's Life Cycle







Key Component Strategies Vary Over The HWT's Life Cycle

Visualize HWT deliverables over time via a matrix plan

	Stage I	Stage 2	Stage 3
Component 1			
Component 2			
Component 3			

Key component strategies are integrated to maximize efficiency and ROI

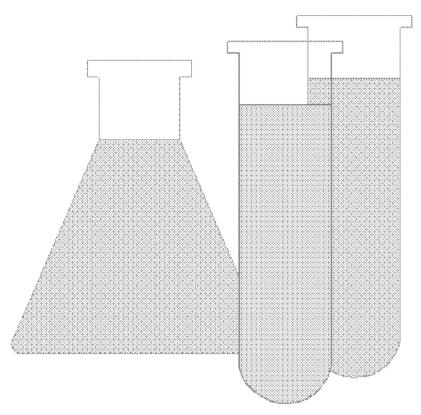


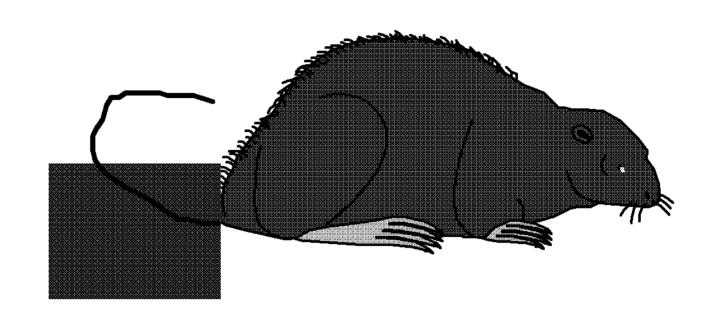


Deliverables Support the Zyprex Heavyweight Team Strategic Initiatives

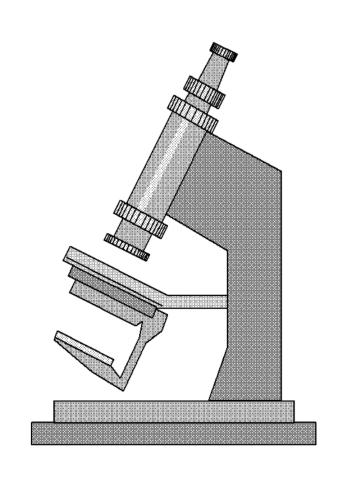
- Speed to global markets
- Customer focused product development plan
- Redefine standard of care and position Zyprex as the standard for a cost-effective pharmaceutical solution
- Aim for rapid and broad market penetrations
- Accelerate presence in emerging markets

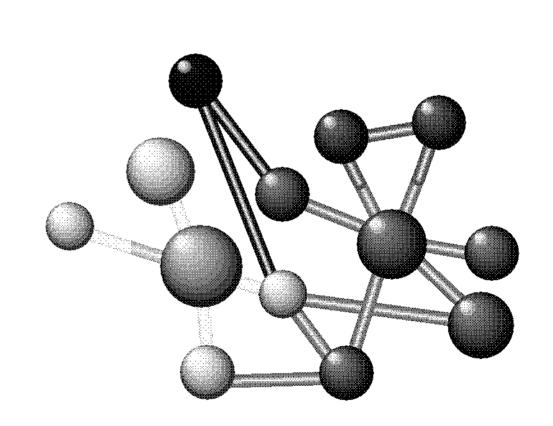






Preclinical

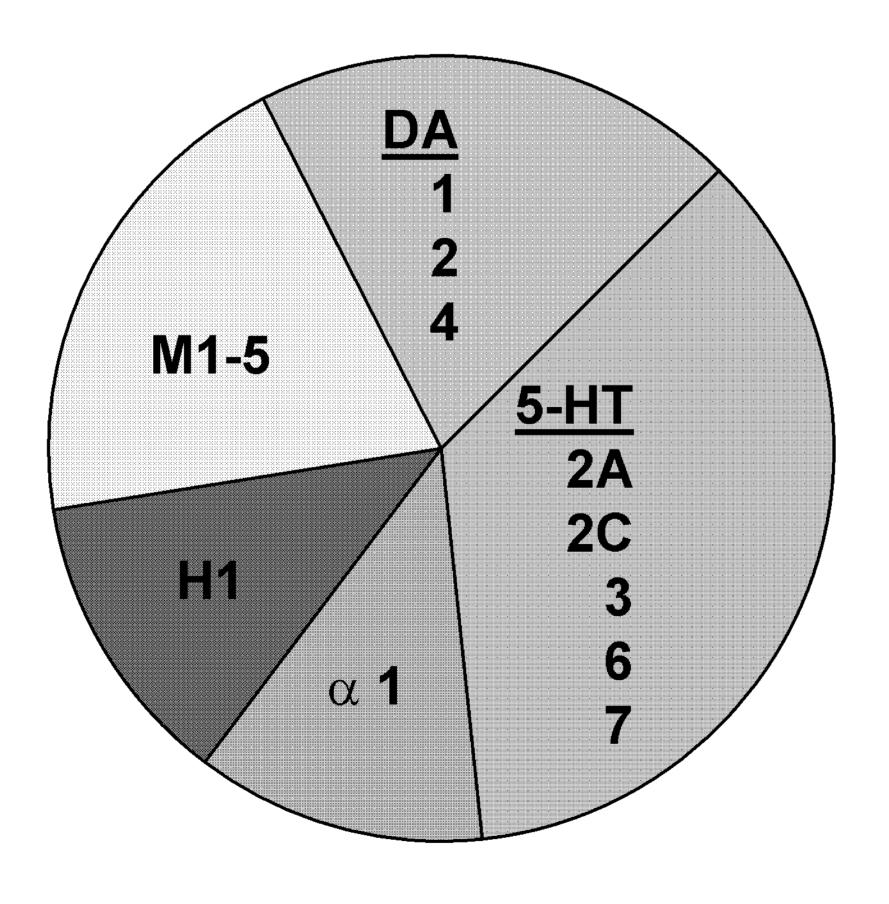


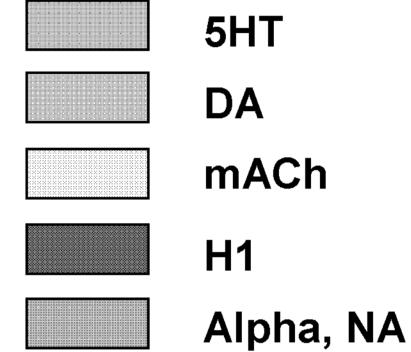




Olanzapine

In vitro receptor binding

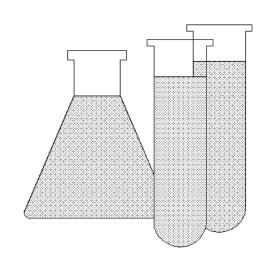




July 20, 1995

GDT/dle





Preclinical

- In vivo behavioral pharmacology
 - CAR to CAT ratio 4:1
 - increase in punished responding
 - A₁₀ mesolimbic selectivity
- Blocks NMDA antagonist neurotoxicity
- Identification/characterization of parent/metabolite profiles

redacted			

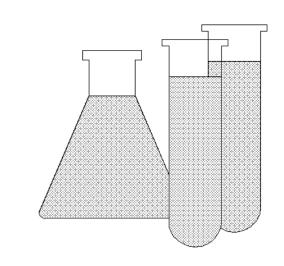
No behavioral activity from metabolites evident



Stage II Preclinical Strategy - "Leverage The Neuroscience Explosion"

- Potential blockage of NMDA antagonistinduced neurotoxicity
- Atypical neuroleptics and central amygdaloid membrane properties and synaptic potentials
- Olanzapine in a conflict response model
- In vitro binding profiles across regions/subtypes
- Restoration of PCP-induced deficits in prepulse inhibition (sensorimotor gating)





Stage III

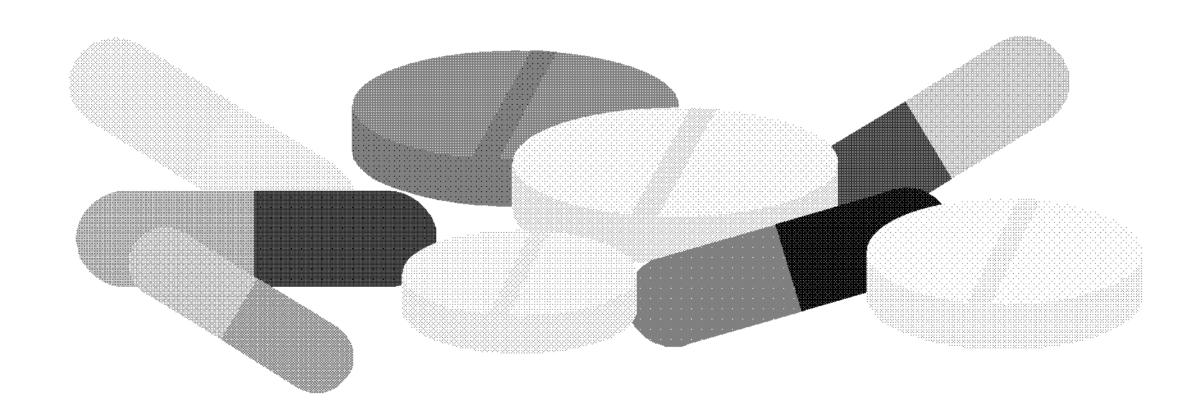
Preclinical Strategy - "Better Living (SOPA) Through Chemistry (and Biology)"

More of a good thing



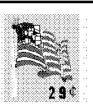
OLANZAPINE CLINICAL DEVELOPMENT:

Molecule To Drug Candidate





Zyprex HWT Bldg 48-3 Lilly Corporate Center Indianapolis, IN USA



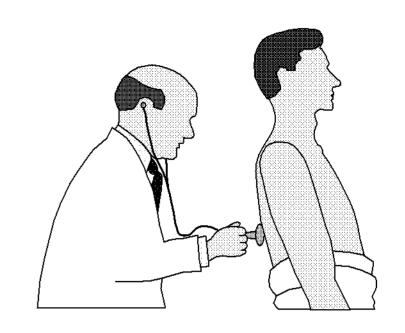
Clinical Deliverables - Stage I Global Regulators Anywhere, World

Clinical Deliverables

- Execute, analyze, and write up a series of core registration studies designed to illustrate olanzapine's superior profile (safety, efficacy, functional well being, economics) to both
 - (a) placebo and
 - (b) a representative conventional antipsychotic (haloperidol)



Olanzapine



Human Exposure (2/14/95)

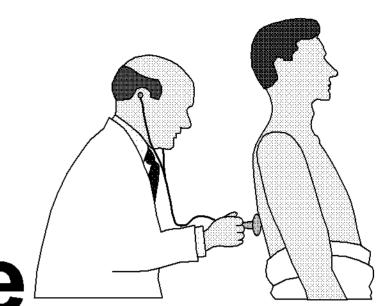
≥ 1 Dose: 3,100

≥ 6 Weeks: 1,867

> 6 Months: 880

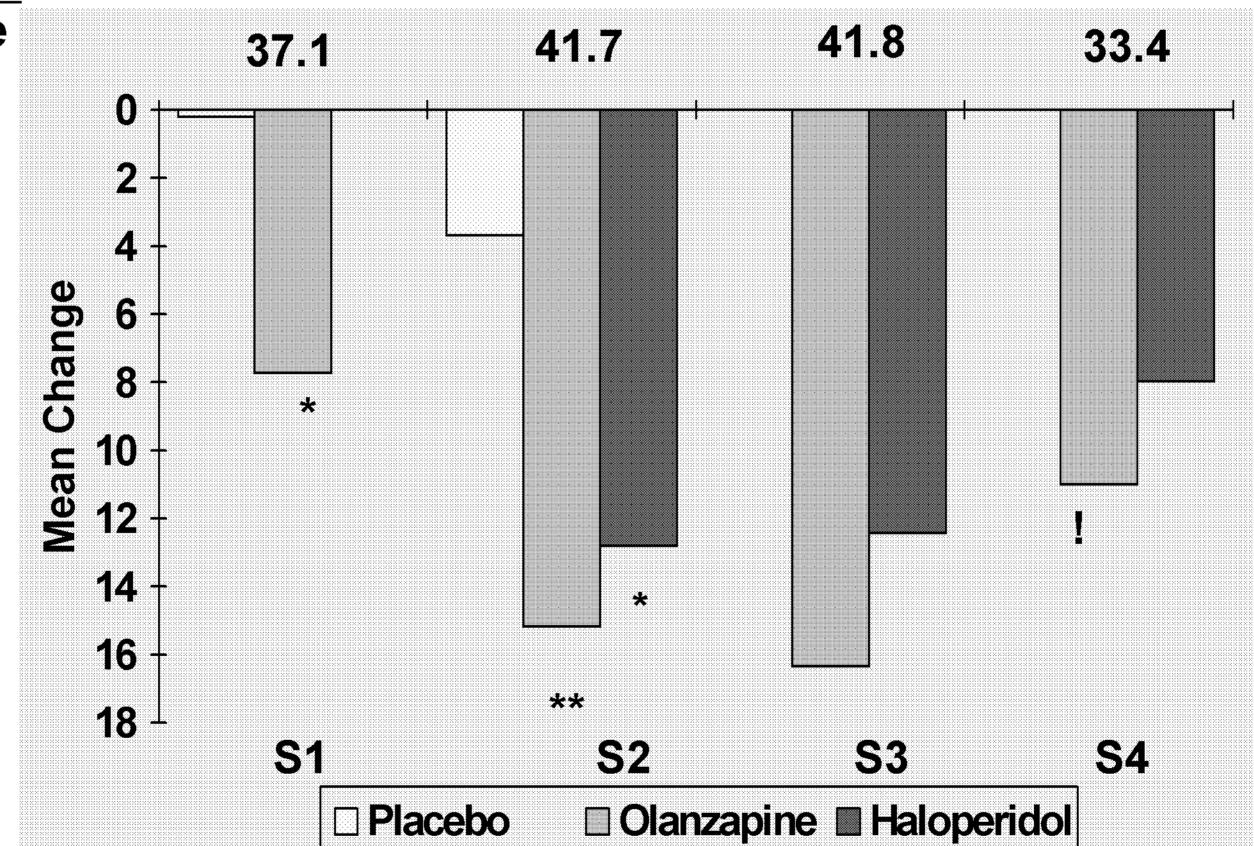
≥ 1 Year: 321





Efficacy: BPRS - Total Score (Mean change, LOCF)



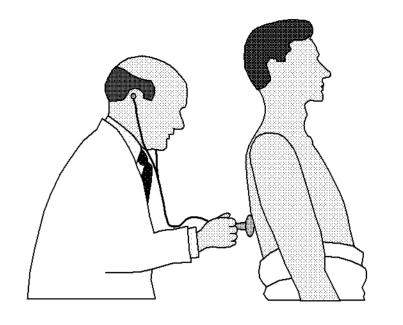


*p \leq .050 vs placebo

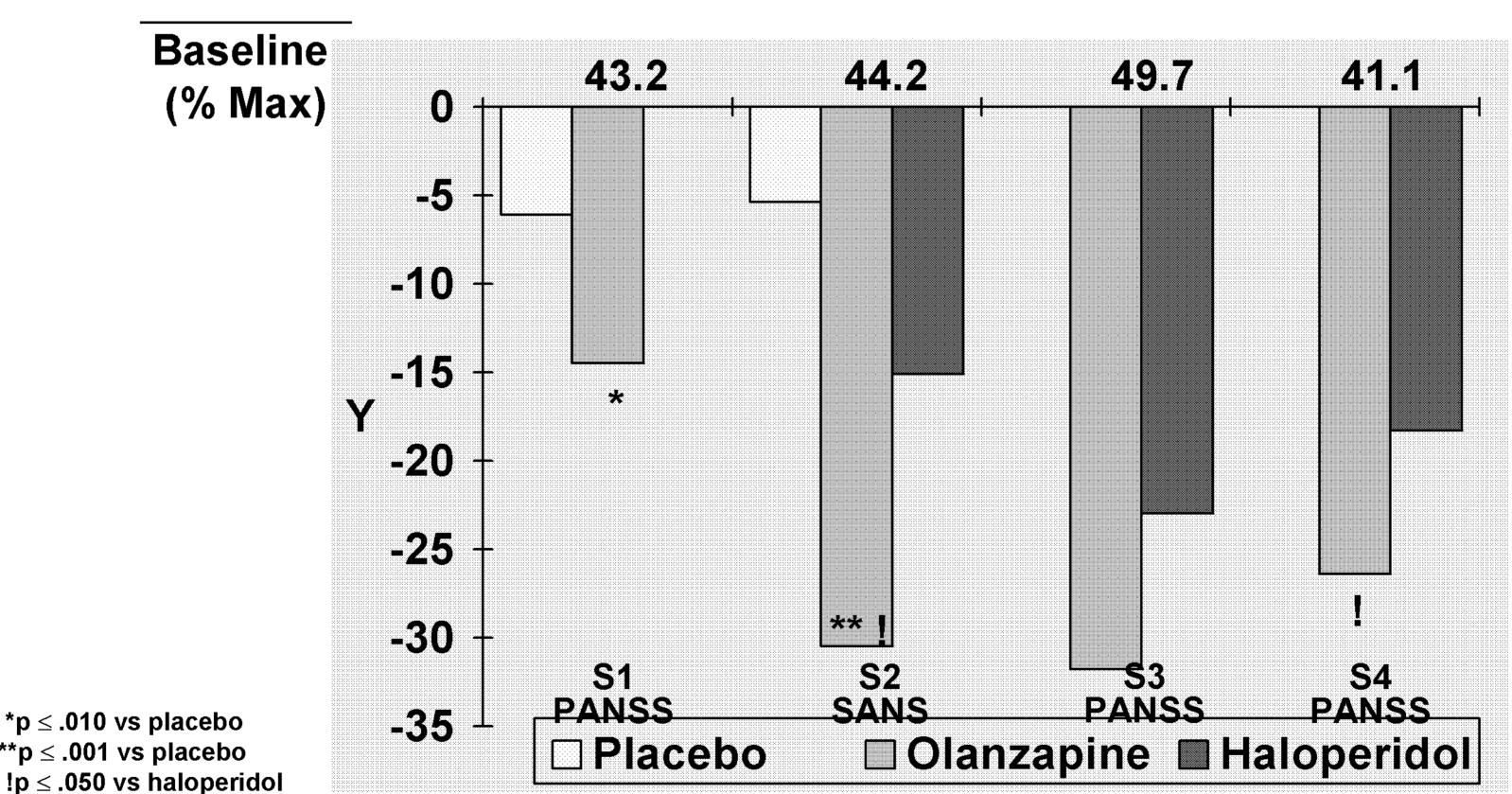
**p ≤ .001 vs placebo

 $!p \le .050$ vs haloperidol





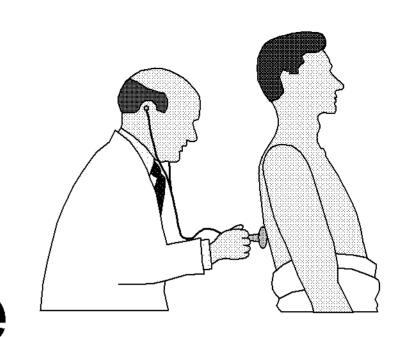
Efficacy: Negative Symptom Scales (Mean change [%], LOCF)



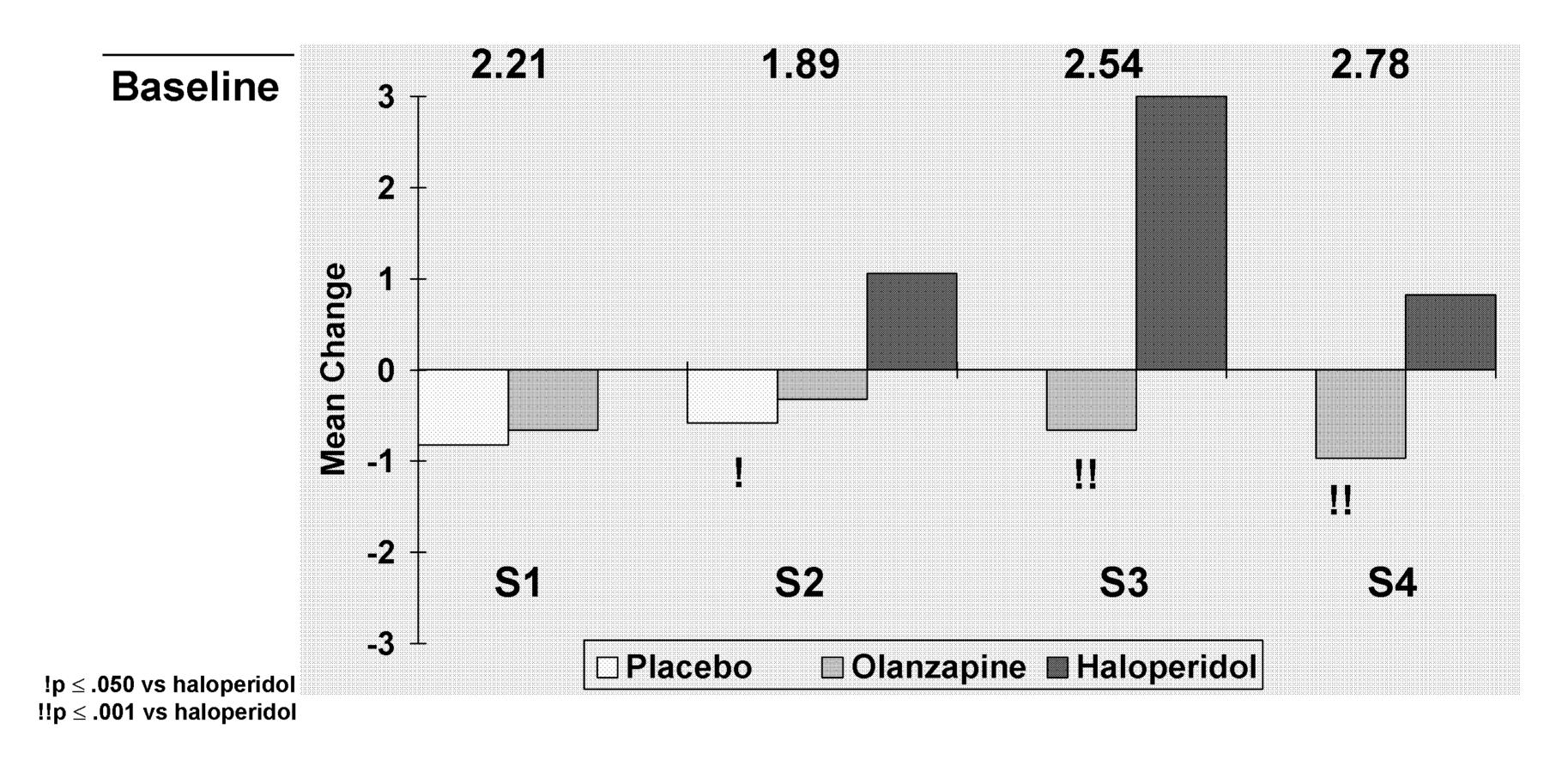
**p ≤ .001 vs placebo

 $!p \le .050$ vs haloperidol





Acute EPSE: Simpson-Angus Scale (Mean change, LOCF)

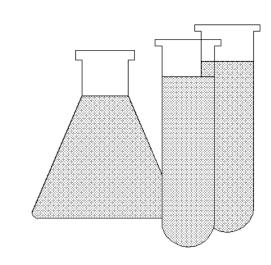




Clinical Safety Summary

- Only three events occurred ≥ 2% which were statistically significantly more common than Haldol
- Early discontinuations due to ADR comparable to placebo
- No change in resting vital signs
- Significantly less tx. emergent T.D. than with Haldol
- Weight gain dose related; early plateau
- ECG: no clinically significant changes

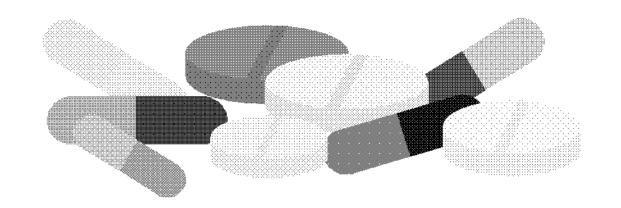




Laboratory Analytes

- Transient, possibly dose-related increase in hepatic transaminases
 - No clinical symptoms
 - No discontinuations during acute phase of S4 (N = 1995)
- No evidence of hematotoxicity
- Mild, transient dose-related increase in prolactin
- Substantially less prolactin elevation than with haloperidol





Conclusions:

Atypical Profile

- Greater efficacy against negative symptoms than haloperidol. Dose range 5-20 mg once daily. Optimal dose 10-15 mg. No titration to an effective dose.
- Rare dystonic reactions and significantly less parkinsonism and akathisia than with haloperidol
- Superior long term compliance during maintenance therapy with significantly fewer rehospitalizations





Clinical Deliverables Stage II and III

I. Clinical Plan

 Institute a "second wave" of clinical investigation ('96, '97) for the following purposes:

goal 1 optimize pricing decisions

goal 2 prepare for timely launch in selected type II countries

goal 3 differentiate product attributes of olanzapine from key competitors





Clinical Deliverables Stages II and III

- goal 4 leverage the recent explosion of clinical and neuroscience activity in the schizophrenias to position Olz as the innovator
- goal 5 select and implement "new indications" capable of significantly growing the market potential
- goal 6 recognizing local market idiosyncrasies, provide funding to engage key opinion leaders in publication

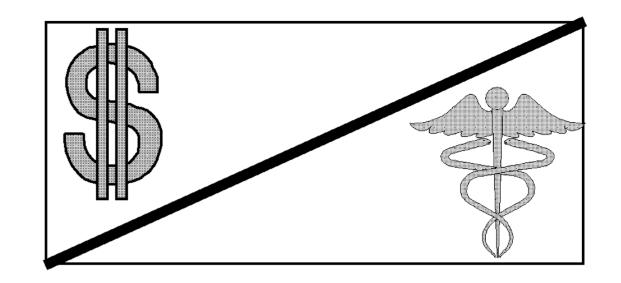


Clinical Studies Stages II and III

Examples - 1996 Plan

Objective	Locale	PI
• Emerging market registratio	n Hong Kong/China Mexico	Lieh-Mak
New indication– mania	global	many
 psychosis in Alzheimer's 	global	many
 Expand the package insert wording 	U.S.	Lieberman, et al,
 relapse prevention 	Neth	Kahn
refractory	U.S.	Tamminga
 Commercialization - 	multistate	many
 Local opinion leader involvement - templates 	global	many
GDT/dle		July 20, 1995





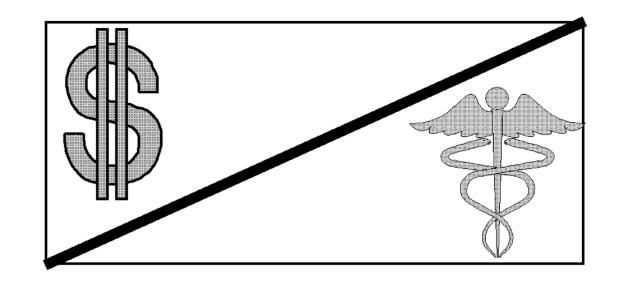
Health Economics

Overall Strategy

The overall objectives of the Health Economics global plan are several-fold:

 Create a greater awareness about the prevalence of the disease, its poor prognosis in a significant number of patients and the large medical and societal costs attributed to the various stages of the disease



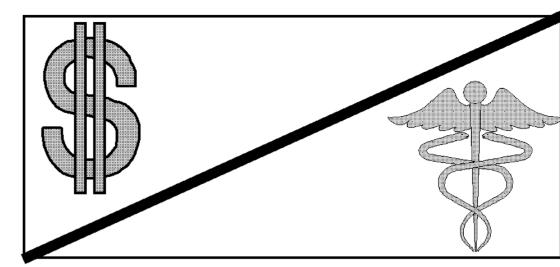


Health Economics

Overall Strategy

- Provide authorities with the necessary health economic data to document olanzapine's value regarding registration, formulary inclusion, level of reimbursement, and pricing negotiations
- Publications in support of olanzapine's advantage in patient outcomes





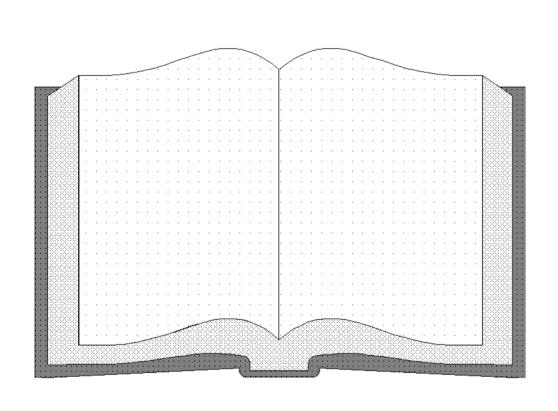
Studies

Health Economics

- Cost of illness
 Spain, Germany, Italy Belgium/Australia/France
- Quality of life (QLS)
 HGAD, E003, HGAJ, amisulpride-France
- Targeted resource utilization HGAJ
- Treatment-resistant patients US; Austria/Spain
- Family burden Italy



Regulatory









Regulatory Strategy - Stage I (road to initial submissions)

- Simultaneously prepare and submit dossiers in the US, EU, and Canada on October 1, 1995. Remaining Type I submission will take place within a 30-day window (except Japan)
- Cultivate key relationships with global affiliates and regulatory agencies to facilitate speed of review
- Electronic plus paper submissions where desired





Regulatory Strategy - Stage II (Submission to Major Launches)

- Prioritize a submission strategy for FSC countries to implement within 60 days of UK approval
- Prepare/submit pricing dossiers
- Rigorous preparation for FDA Advisory Panel meeting
- Anticipate/rapid response to regulatory questions
 - central query database
- High quality 120 day safety update (FDA)
- Prompt printing of labels





Regulatory Strategy - Stage III Post Marketing

- Liaison with regulatory agencies on new indication, labeling expansion, and line extensions
- Help coordinate safety update
 - DEN
 - PMS
- Work with marketing to optimize promotional materials within local guidelines

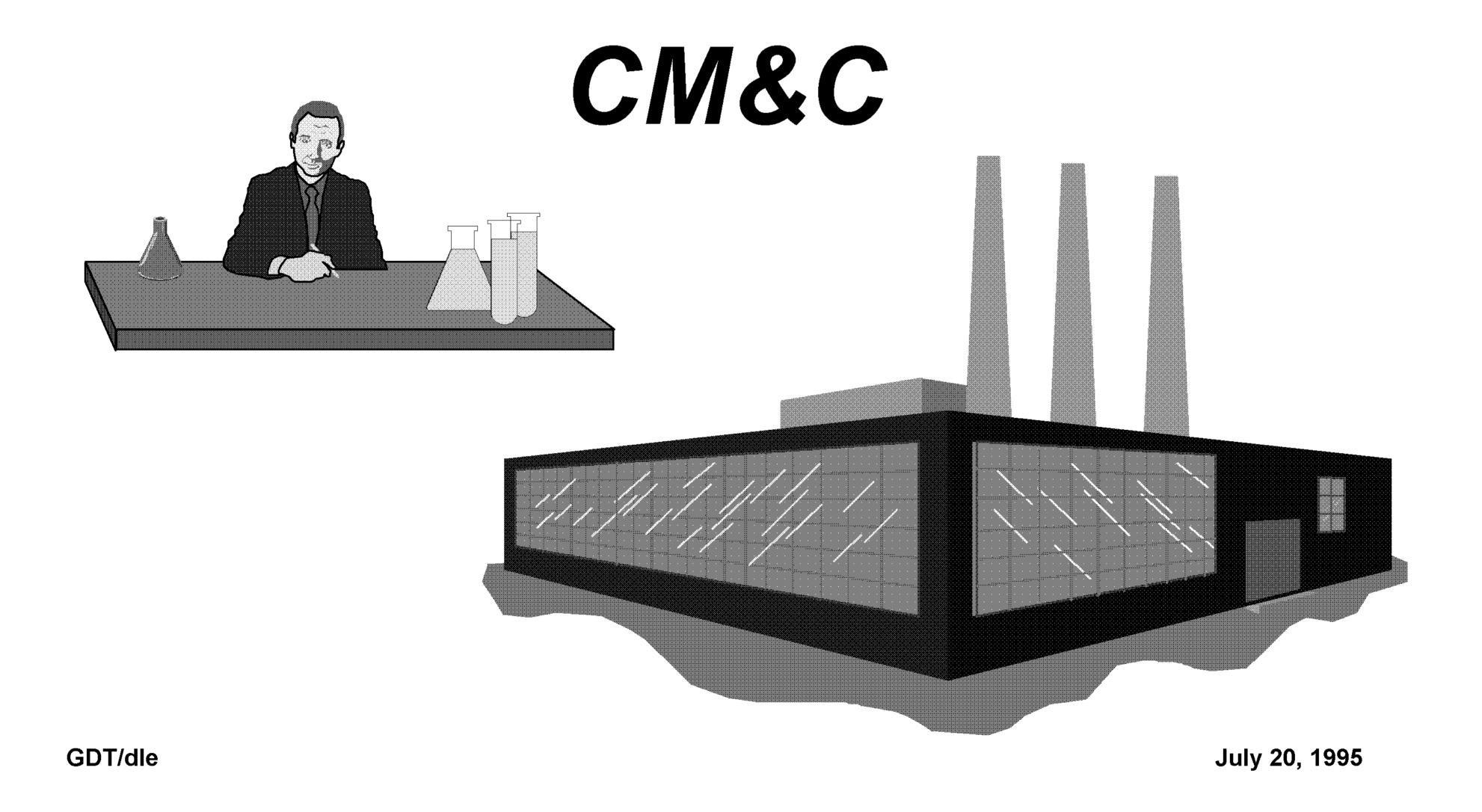




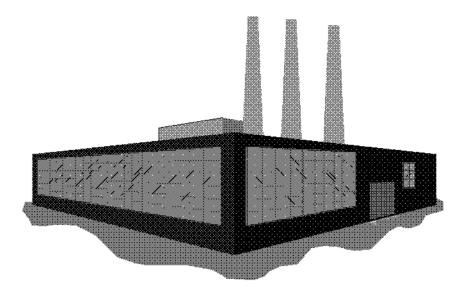
Japan

- Early Phase II/Late Phase II results encouraging
- Inadequate resources in ELJKK, earthquake and many competitors have resulted in project delays
 - current NDA target of July '97 very doubtful
- Heavyweight Team visits/meetings with opinion leaders being planned for Q4 '95









CM&C General Strategy - Stage I

Bulk Drug: 4 step synthesis

Tablets: white, round, globally acceptable

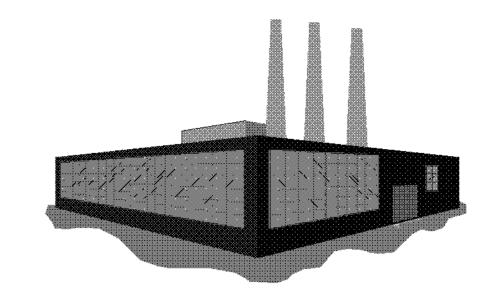
2.5, 5, 7.5, 10 mg

Granules: "Fine Granules" for Japan

Doubles as reconstitutable solid for R.O.W. in 2.5, 7.5, and 10 mg

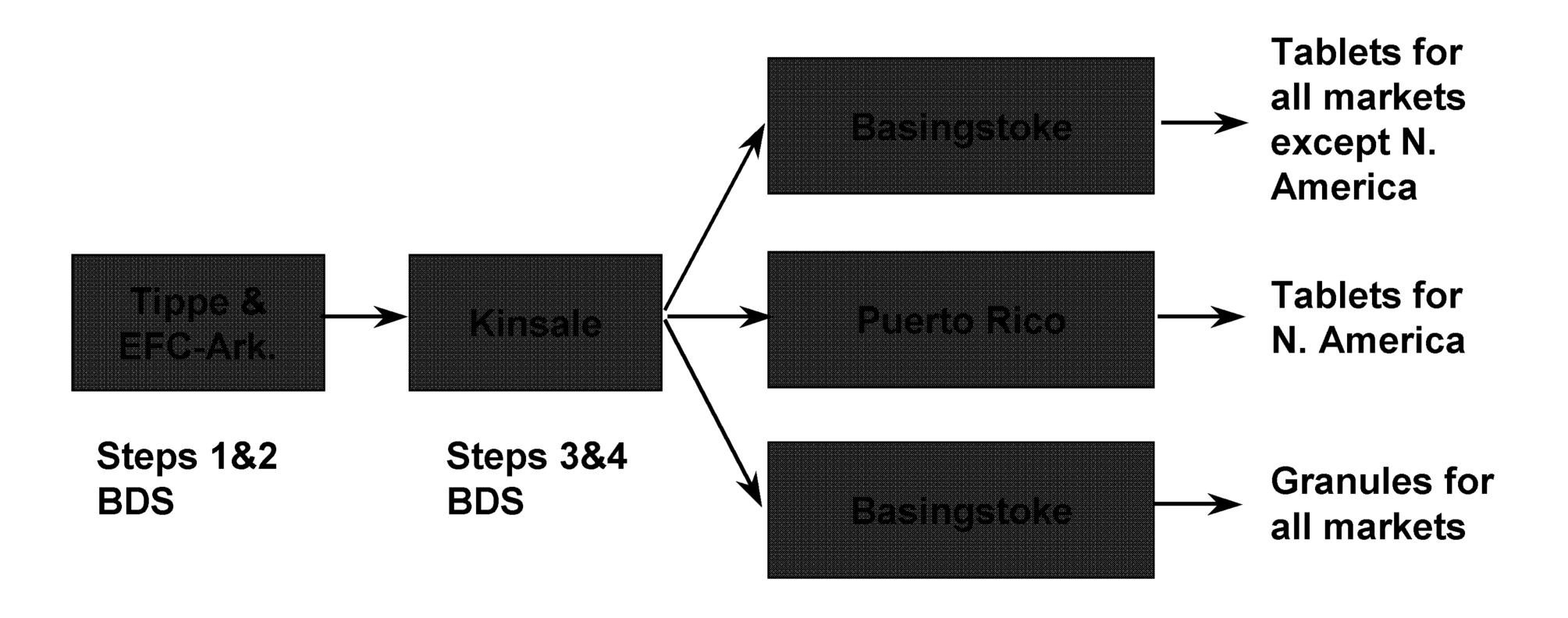
sachets



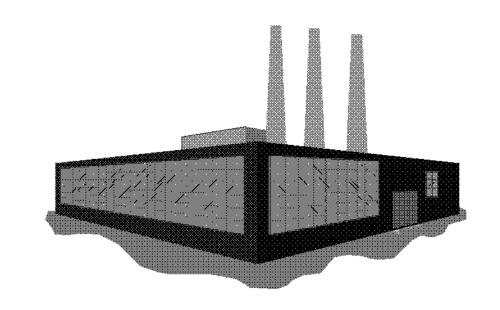


CM&C Strategy

Sourcing Strategy for Marketed Products at Launch



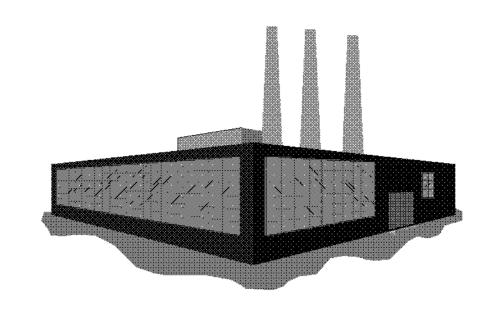




CM&C Key Strategies

- Early site involvement in process and method development
- Early validation of bulk and product
- Generate stability data for submission on validation lots
- Use validation lots to supply CT's where possible
- Bracket dosage strengths for validation/stability





CM&C Deliverables - Stage I

- Validate BDS at Kinsale
- Validate tablets at Carolina and Basingstoke
- Manufacture granule stability lots at Basingstoke
- Generate stability data
- Complete CM&C packages (NDA, dossier, Canadian NDA)



CM&C Deliverables - Stage II

- Validate granules at Basingstoke
- 15 mg tablet NDA amendment strategy based on current formulation
- Assure manufacturing sites prepared for FDA preapproval inspection and launch
- Participate in formation/action steps of crossfunctional launch team, including emerging market strategy
- Investigate cost-benefit of developing 20 mg tablet and alternative smaller 15 mg tablet
- Pursue customer -focused line extension plan
- Support aggressive CT needs for commercialization studies

ZYPIEX CM&C Line Extensions - Status Olanzapine

Formulation	Strategic Partner(s)	<u>Status</u>
Zydis rapid-dissolving tablet	g Scherer DDS AAI	Agreement signed, Poor performance from Scherer so far
Short-Acting IM injection	Cook Imaging (AAI?)	Formulation development in progress
15 mg tablet		Project plan roughed out Stability lots in PR 10/95
Depot Injection	 Atrix Polymicrospheres Southern Biosystems Others? 	Feasibility studies in progress; test lead formulations in dogs 1Q96? High degree of technical difficulty and uncertainty
Patch	 Lohmann Therapie Sys. Cygnus Therapeutics 	Feasibility studies to be completed 3Q95. Select strategic partner 4Q95
Granules	B-L	Stability ongoing validation 4Q95
15 and 20 mg tabs GDT/dle	?	Business case pending July 20, 1995



Formulation

Additional Formulations Approximate Timeline

Target
Submission Date

Granule 1996

15 mg Tablet amend NDA?

Zydis Tablets 1997

Short-Acting IM. 1997

Patch 1998

Depot Injection 1999



Line Extension Team

- Co-chairs: Tom VanAbeele (DPM) and Paula Franz (PPM)
- Focus: Develop and implement plans to successfully register those line extensions important to our customers
- Team will function much like a project team
- May need additional support from Tippecanoe Development for some line extensions



Global Launch Team

 Co-chairs: Beth Morris (DPM) and Rob Schmid (Marketing)

 Focus: Prepare global readiness and strategies to have product available in minimal time at optimal quantity ASAP after approval

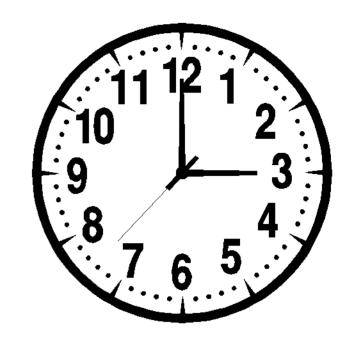


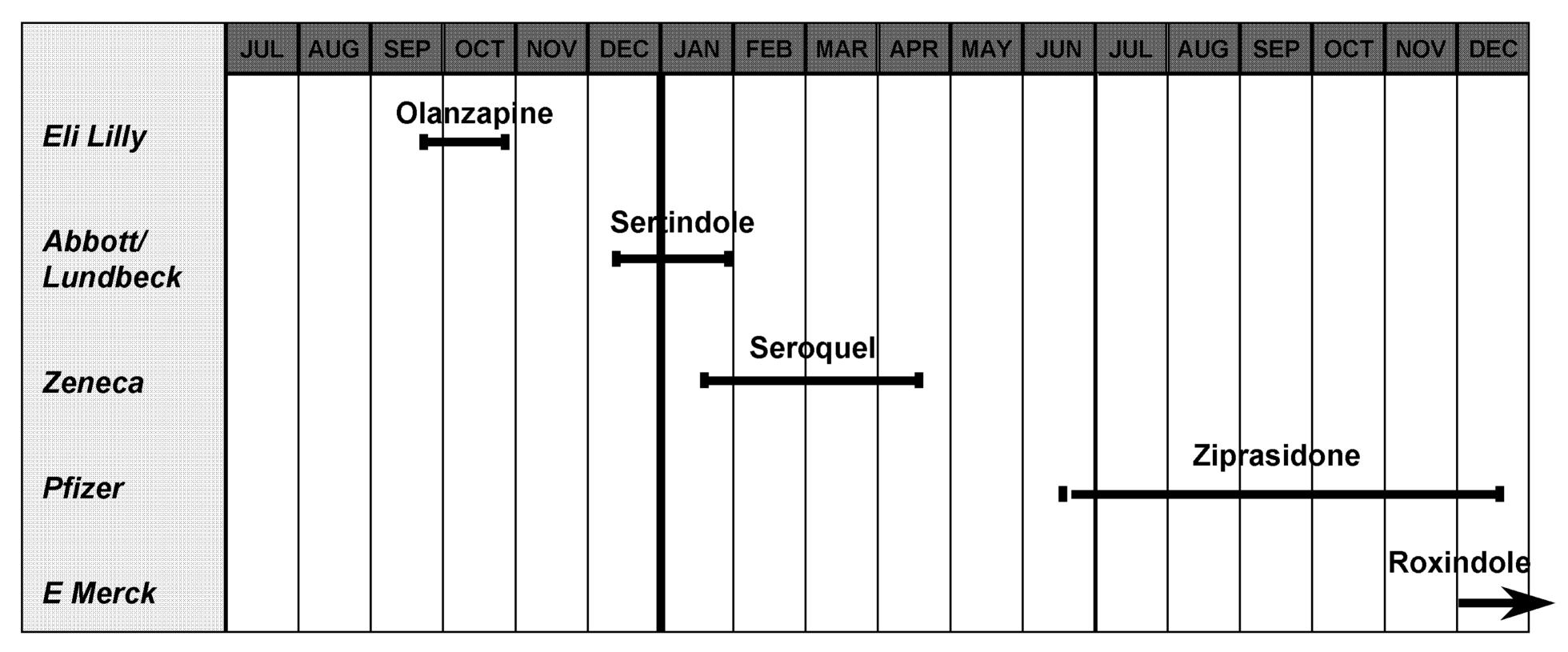
HWT Commercialization Strategy

- Be next
- Be better
- Be global



Be Next!





1995



Be Better! Olanzapine/Schizophrenia Strategy



Goal:

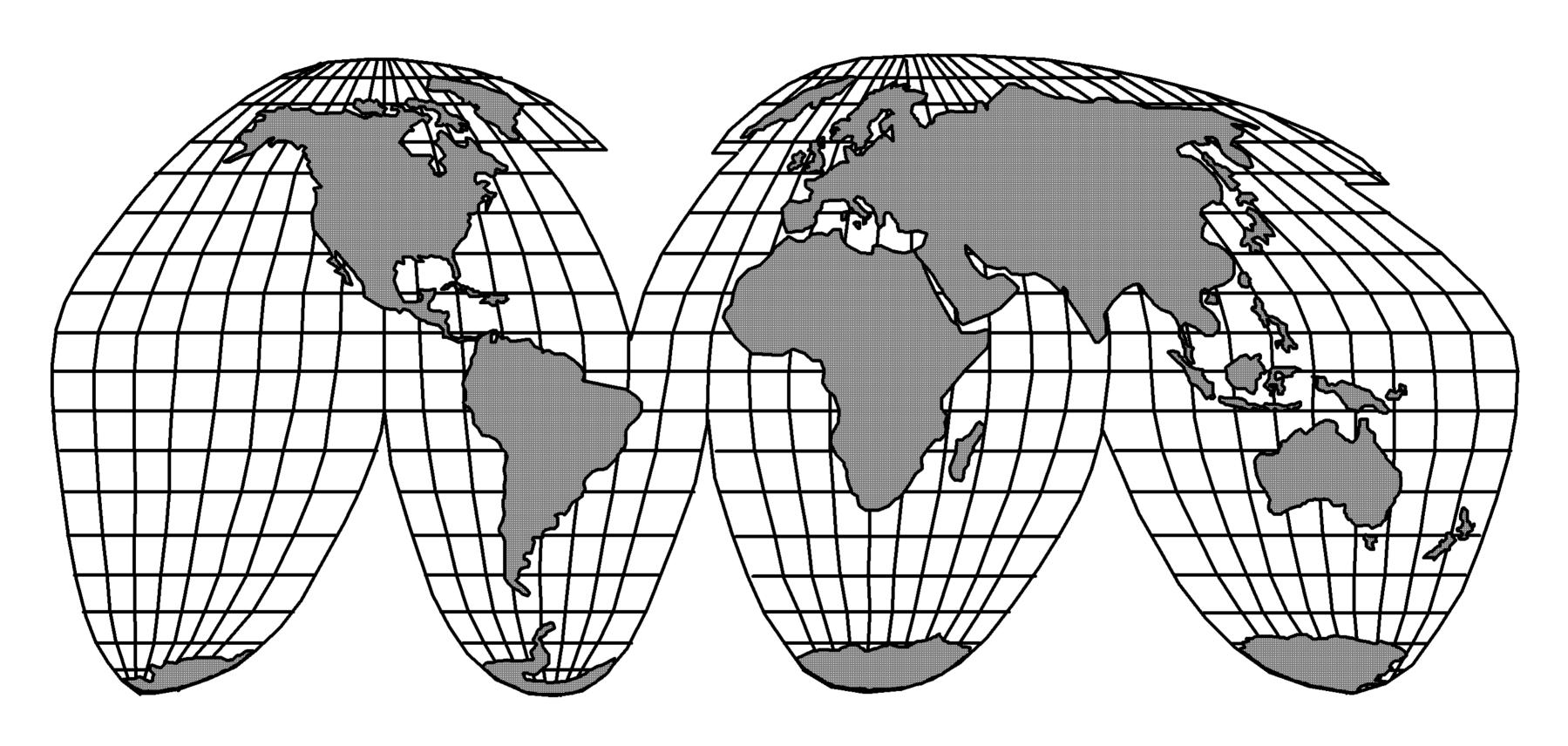
Customers worldwide will recognize Lilly/olanzapine as the company/antipsychotic that delivers optimal therapeutic and economic outcomes.

Strategy:

- Speed to global markets
- Customer focused product development plan
- Redefine standard of care and position olanzapine as the standard of pharmaceutical care
- Aim for rapid and broad market penetrations
- Participate in emerging markets



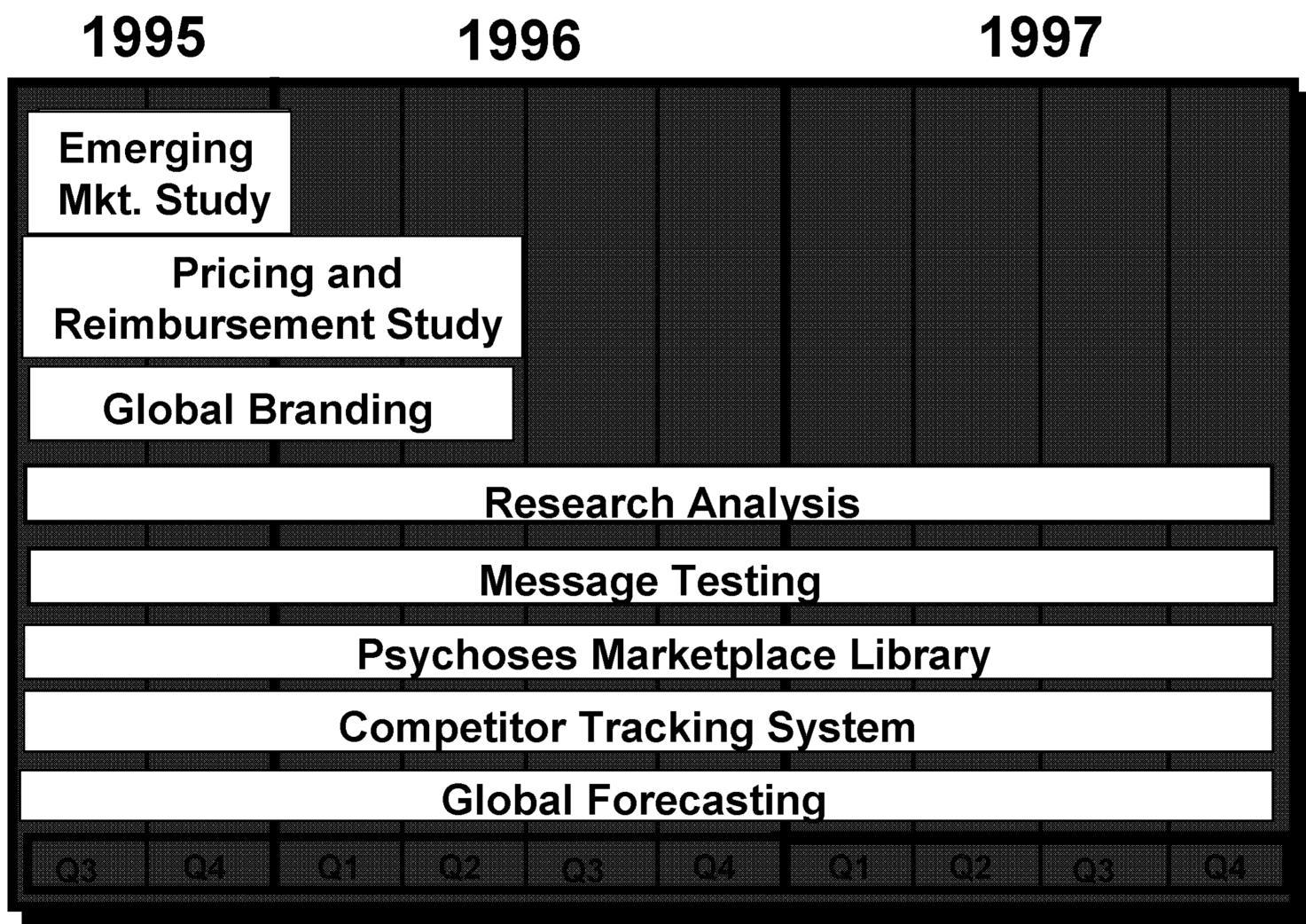
Be Global!



Develop a global marketing strategy around a consistent brand name and image that is shared by all of our affiliates and recognized by all of our customers



Olanzapine Market Process Timeline







Stage I Commercialization: Positioning For Rapid and Broad Market Penetration

- Undertake aggressive pre-launch marketing activities
 - energize affiliates to commit resources to implement premarketing strategies and programs
 - initiate market research studies
 - craft a product image/branding
 - evaluate opportunities for additional indication
 - develop publication/symposia plan
 - initiate global pricing studies





Stage II Commercialization: Putting The Strategy Into Place

- Finalize global branding
- Achieve consensus on a global price(s) that optimizes economic return and assures access to as many global patients as possible
- Complete development of preapproved promotional materials
- Finish an emerging market analysis
- Integrate Japanese market planning into the global strategy



Achieve Rapid and Broad Market Penetration and Implement an Aggressive Growth Plan

- Implement post-launch marketing strategy to gain broad market access and maximize shareholder benefit
 - do what it takes (i.e., strategic alliances, bundling products/services, risk sharing)
 - manage global brand
 - maximize clinical opportunities through Plan D process
 - introduce line extensions in planned manner
 - ongoing competitive analysis and aggressive strategy
- Manage effective corporate communications plan

GDT/dle

July 20, 1995



Zyprex

- Global branding strategy
- Globally pre-approved materials provided to affiliates
- Pricing
- Packaging
- Market research
- Communication strategies



Making re-integration the standard. . .



Antipsychotic power for routine use



Healthcare Solutions



Lilly Disease Management Offerings



Pharmaceutical Care	Lilly products and interventions/services that pull Lilly products
Managed Pharmaceutical Care	Core services, connectivity, and interventions/services and management for total pharmaceutical care
Medical Management	Delivery of interventions/services and management for the clinical delivery of care to provide specific outcomes



Program Goals

- Improve treatment outcomes
 - Enhance symptom control
 - Manage relapse
- Lower cost of care
 - Minimize re-hospitalizations and LOS
- HRQL outcomes
 - Optimize functional level
 - Enhance social reintegration
 - Decrease caregiver burden

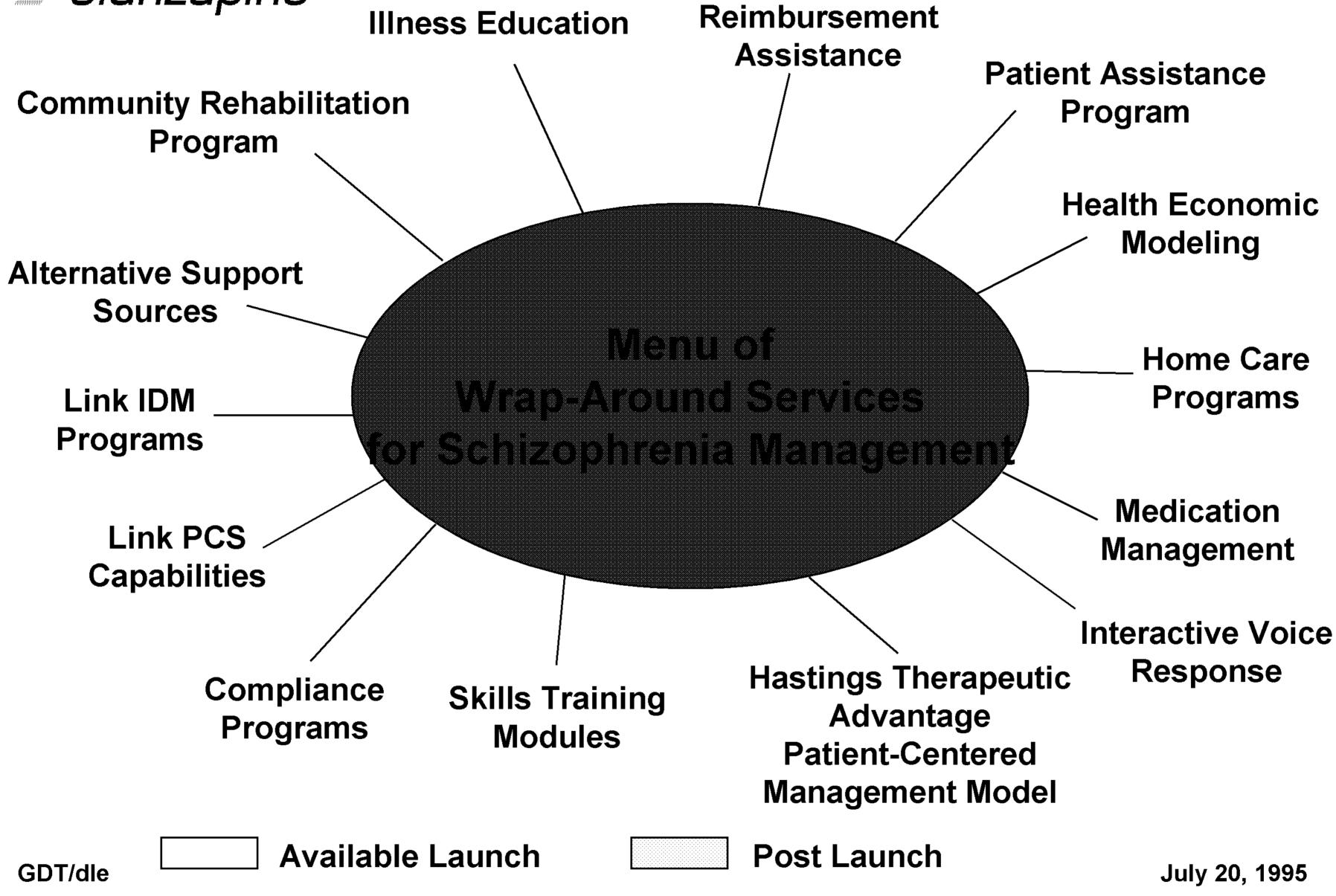


Program Structure

- Comprehensive group of tools and resources
- May be used either independently or as an integrated system
- Accessible to providers, caregivers and consumers
- Flexible
 - Work within all after-care system organizations
 - » Mental health care-out/in
 - e.g., Charter hospital
 - » STAR/partial hospitalization
 - » CMHC/clubhouse
 - » Adaptable for international use and with other products



Flexible Service Offerings





Key HVVT Points



Two Aspects of the Heavyweight Team

Team's Mission

- 1. Expedite launch in two-thirds of the global major markets
- 2. Optimize the early commercialization of the product



HWT Innovations/Learning Points

Product leadership

- focused accountability
- vision creating it/realizing it
- rapid response to opportunities
- product champions set the example
 - » ex. core team sets priority, gets buy-in, problem solved

Co-location

- quicker resolution of issues
 - » more ownership of total project
 - » more team spirit
 - » shared goals
 - » enhanced communication
 - » Olanzapine database vs redacted at same to cycle shows improved quality

at same time point in life



Reallocation

- apply a resource when and where it is needed
- one priority, achieving product milestones
 - » ex. reallocation of systems analysts to cover a 14 day slip in the creation of the HGAO reporting database

Decision making

- delayered
- concentrated
- prompt
 - » ex. Pharmaco database error; required rerunning 300 reports. No project delay despite initial optimistic view minimum one month delay in re-creating reporting database.



- Efficiency
 - ability to re-engineer methods in response to unexpected challenges/complications
 - » ex. parallel report writing
- Having Core Team member on each "work group" facilitates getting things done
- Work Team "removes layers"
 - allows upper management to see issues early on and take action



- Cross-functional team involvement earlier in process
 - catch issues earlier and save time
 - » ex. Canada Study In review of an amendment for this study by a crossfunctional group, data quality issues became apparent and we averted a possible incomplete database



- Quality of the work environment
 - "before some people didn't even know others on the project"
 - a more relaxed atmosphere
 - "has given everyone an identity they didn't have back in their functional areas"
 - "more influence/greater responsibility" to the individual
 - individuals have a "better overview of the entire project and a better understanding of what their colleagues are doing"



- Launch strategy
 - dedicated global launch team leader instead of having multiple launch teams should provide focus yielding quality and speed to launch planning and execution
- Earlier dedication of resources to commercialization studies than in old paradigm
 - quicker market penetration
 - earlier submission in Type II countries



Process Improvement - Registration Planning

Develop a registration strategy to ensure submission by October 1995 in North America, Europe, Israel, South Africa, and Australia. Submit in Japan by October 1996.

- Hold all non-essential, nonregistration activities until after submission.
- Identify current resources and headcount for registration in all affiliates and compare with the level of resources needed to address critical registration issues. Resource adequately to meet registration milestones.
- Aggressively expedite filling of open requisitions across countries and components and recruit for expertise in the process.
- Utilize routine teleconferences to proactively identify resource issues across countries and components.



Process Improvement - Registration Planning

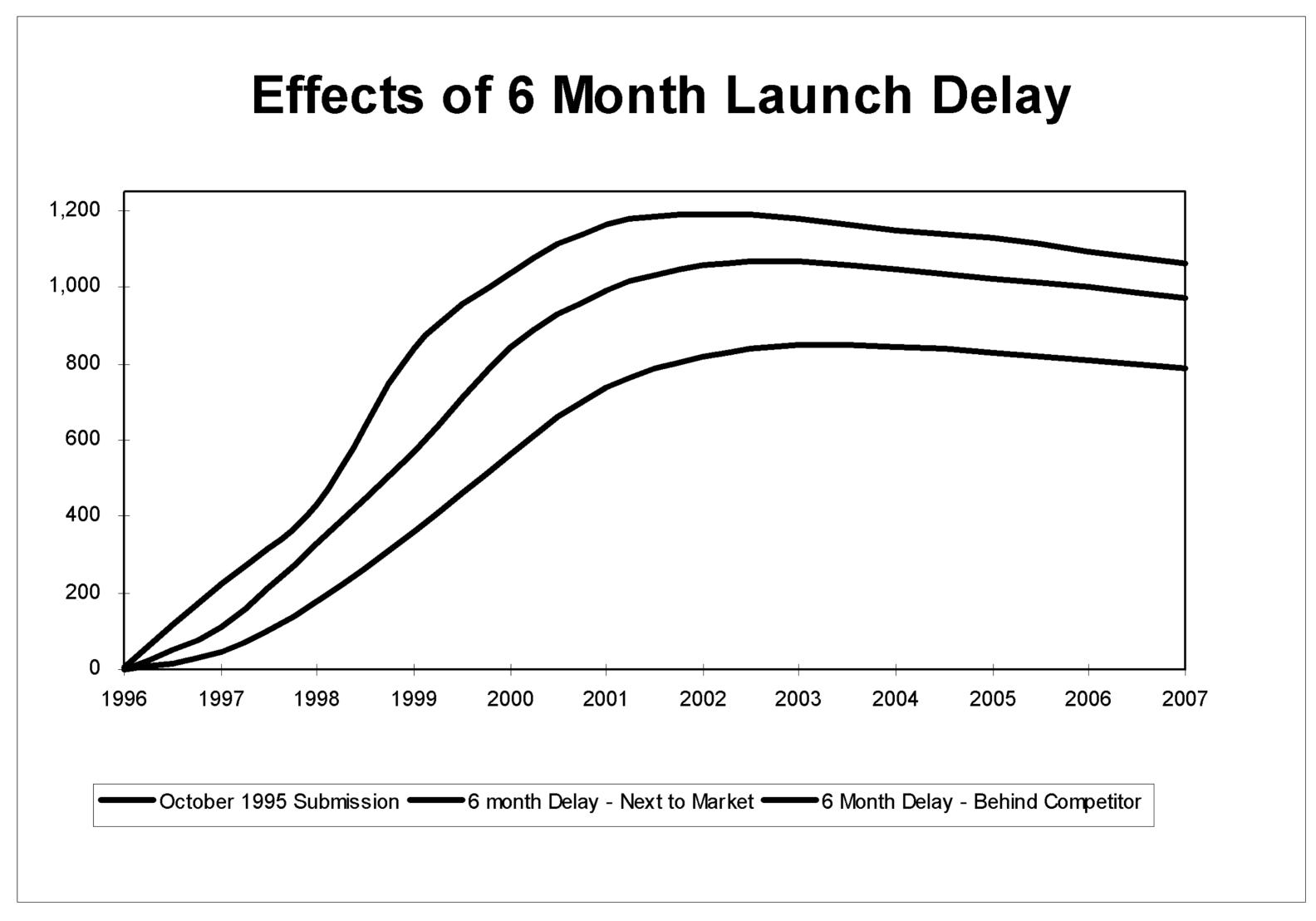
- Early regulatory summits
- Got approval from FDA to <u>not</u> submit paper CRF's (reduced submission by 200 volumes or 100 trees saved. Reduced assembly time/quicker review.
- Dialog with FDA to initiate pre-submission early review. Expedite review.
- Data browser (user-friendly review)
- Pre-submission rapporteur discussion with EMA (optimize choice - shorten review/minimize issues)



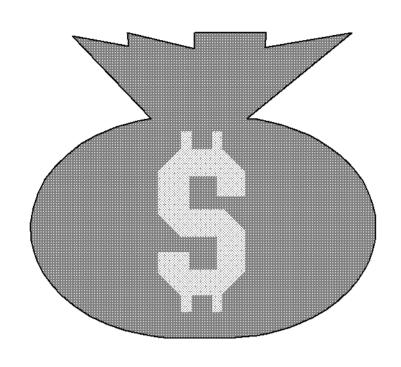
HWT Innovations/Learning Points - Conclusion

In a superior work milieu, a HWT can better employ valuable and finite resources to deliver both quality and speed resulting in a superior EVA to Lilly shareholders



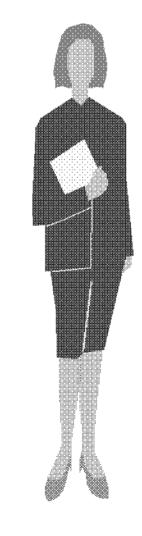


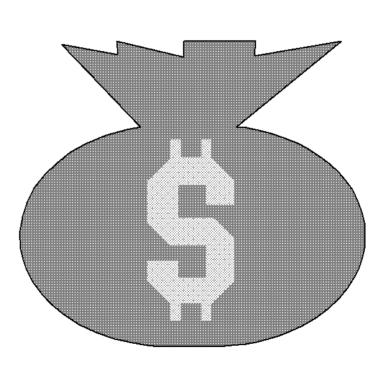




Resources









"Formation of a heavyweight team does not need to imply heavy resource commitment...

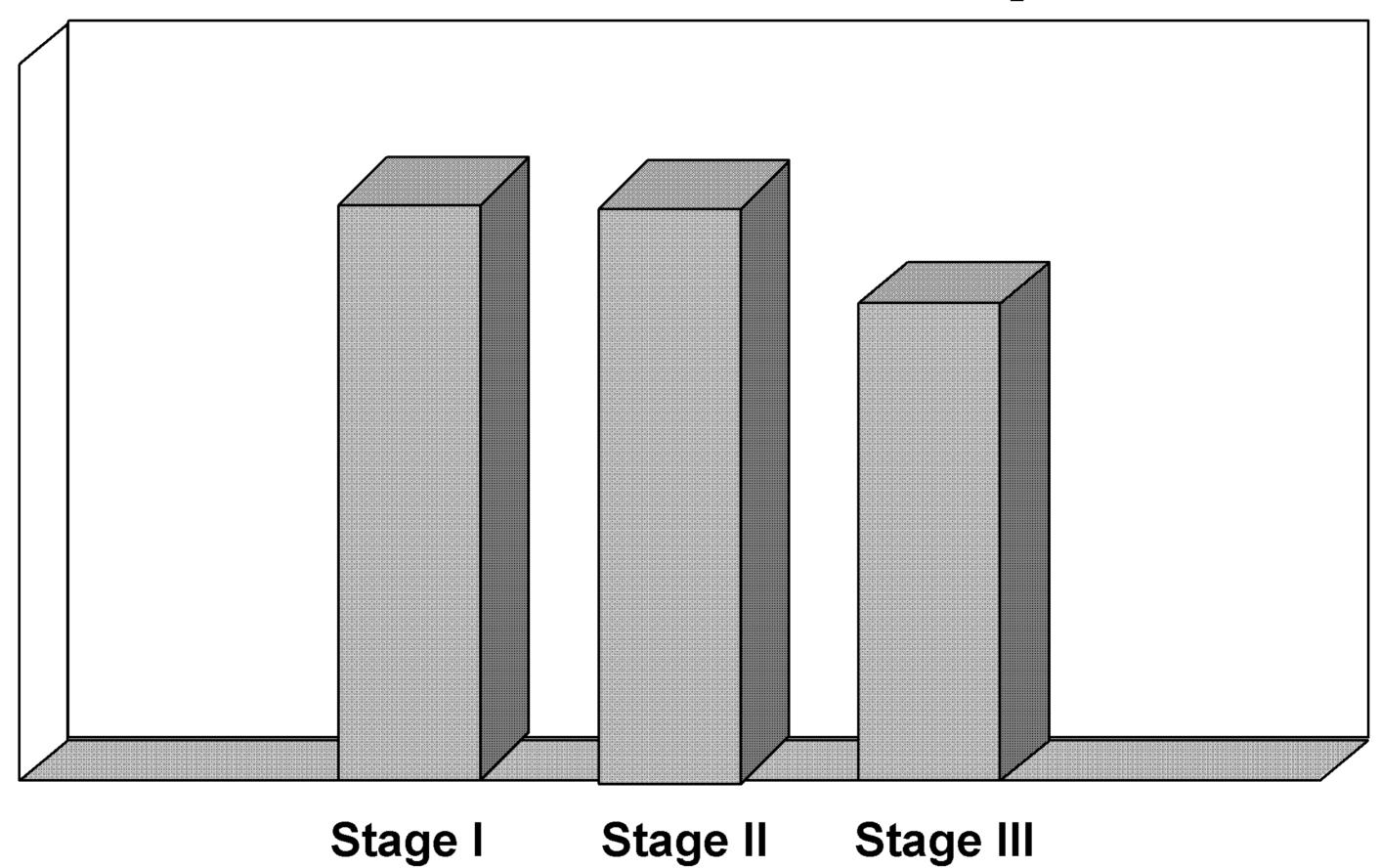
It is a process where resource intensity should vary during the development cycle."

W. C. Fields



HWT Resource Requirements

Resource Intensity

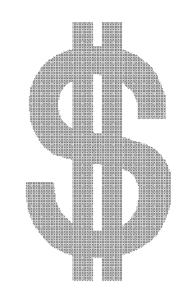


Key - A nucleus of product core competency (experience) must be maintained through the cycle i.e., succession planning

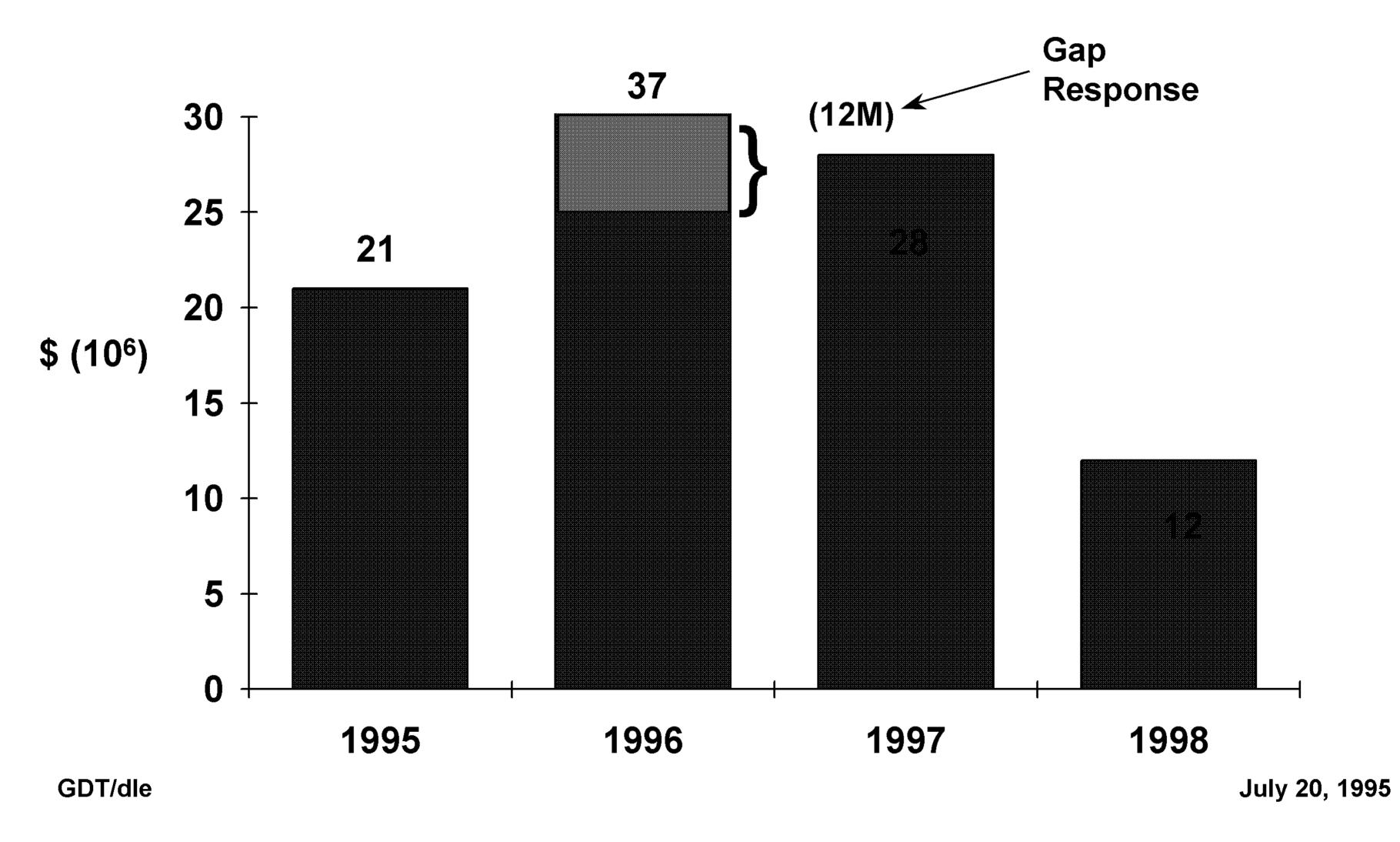
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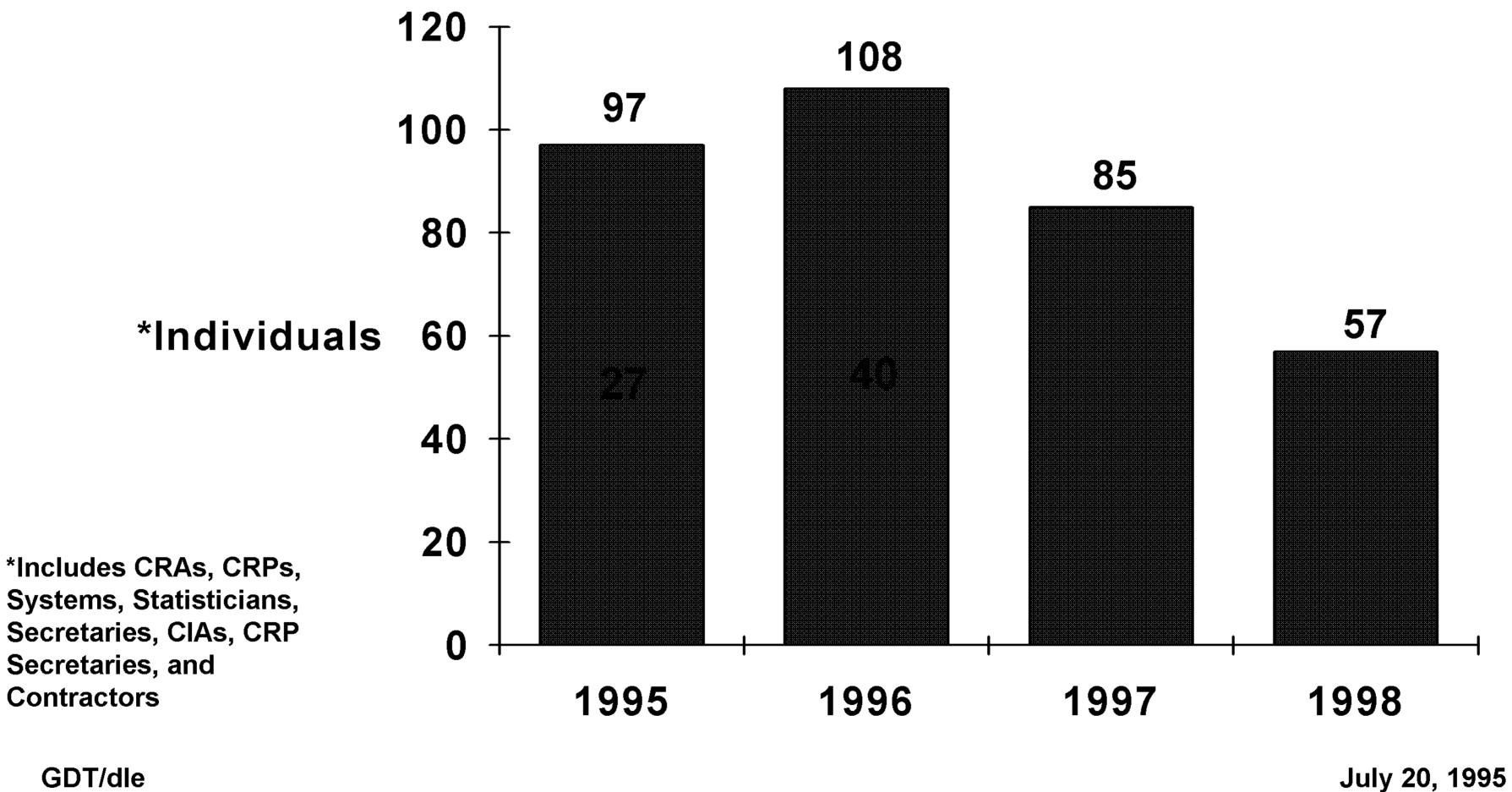
Resourcing: Medical Clinical Grants - \$





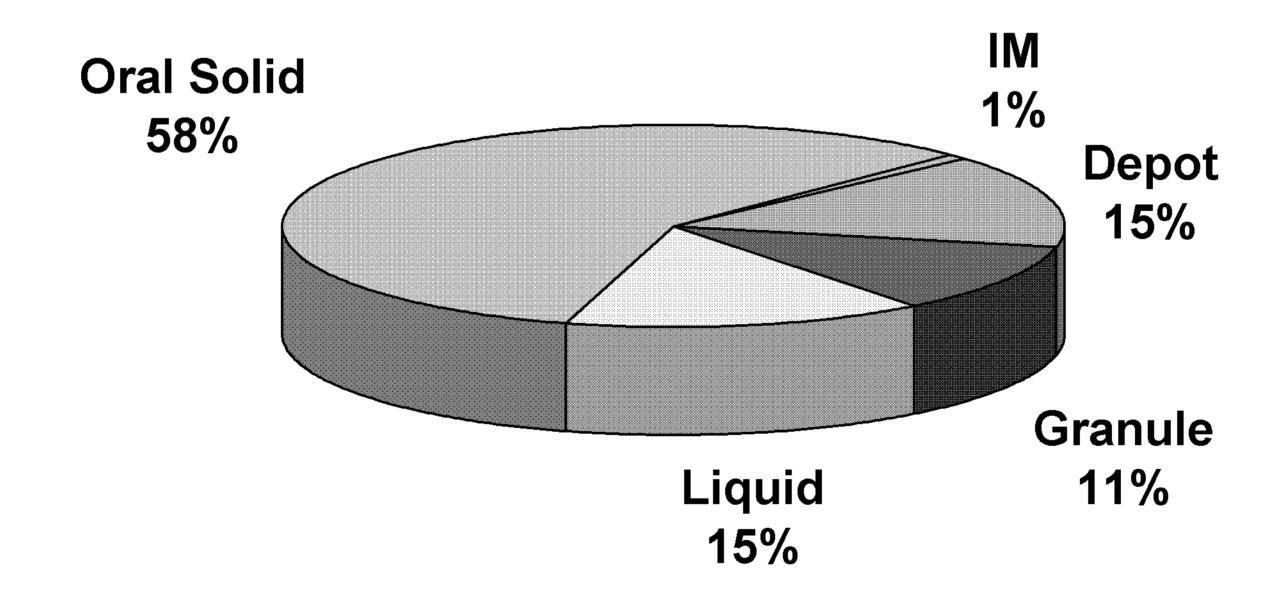


Clinical Grants - Medical Plans and Data Management Headcount



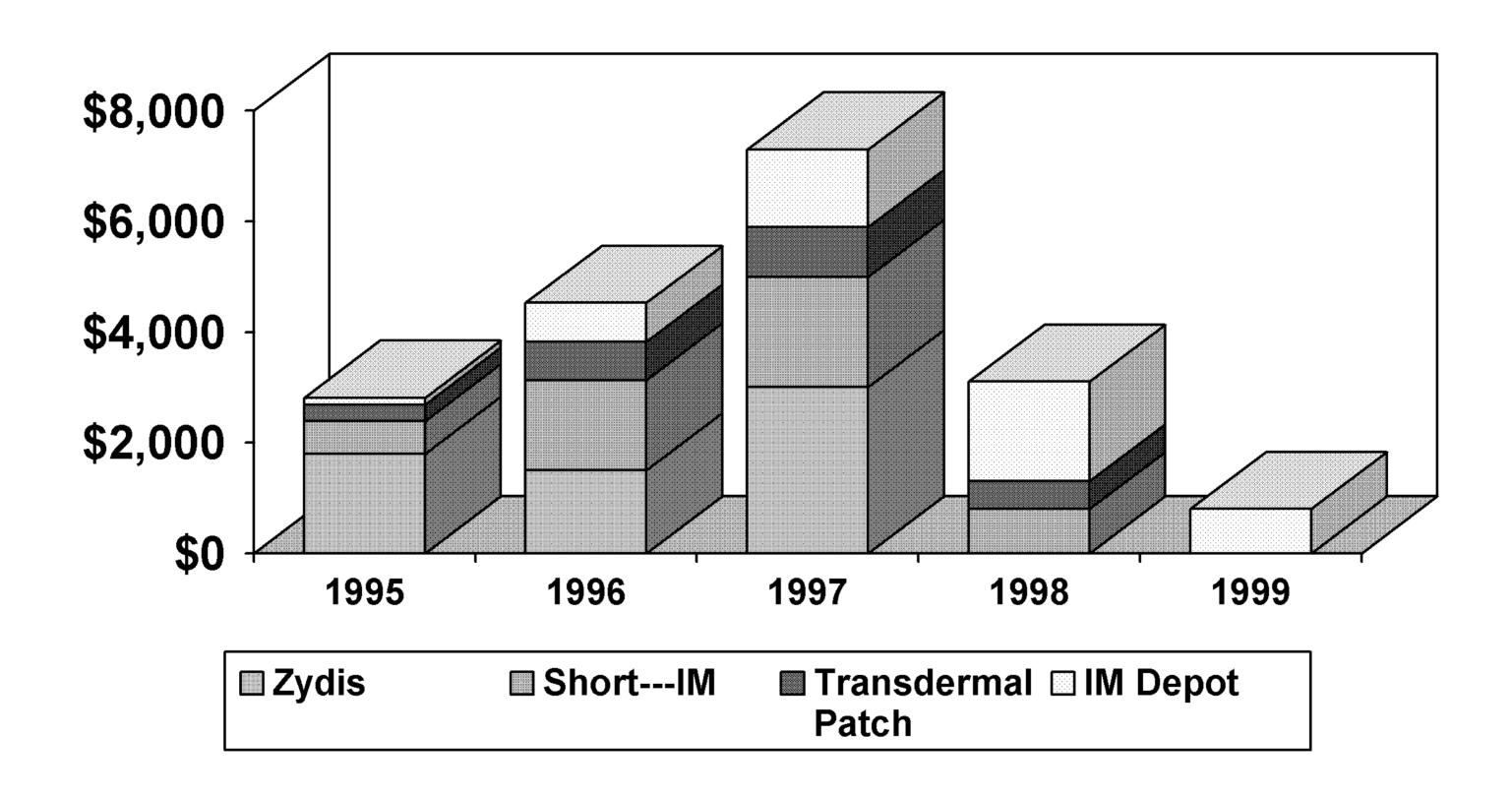


Resourcing a Customerfocused Product Development Plan



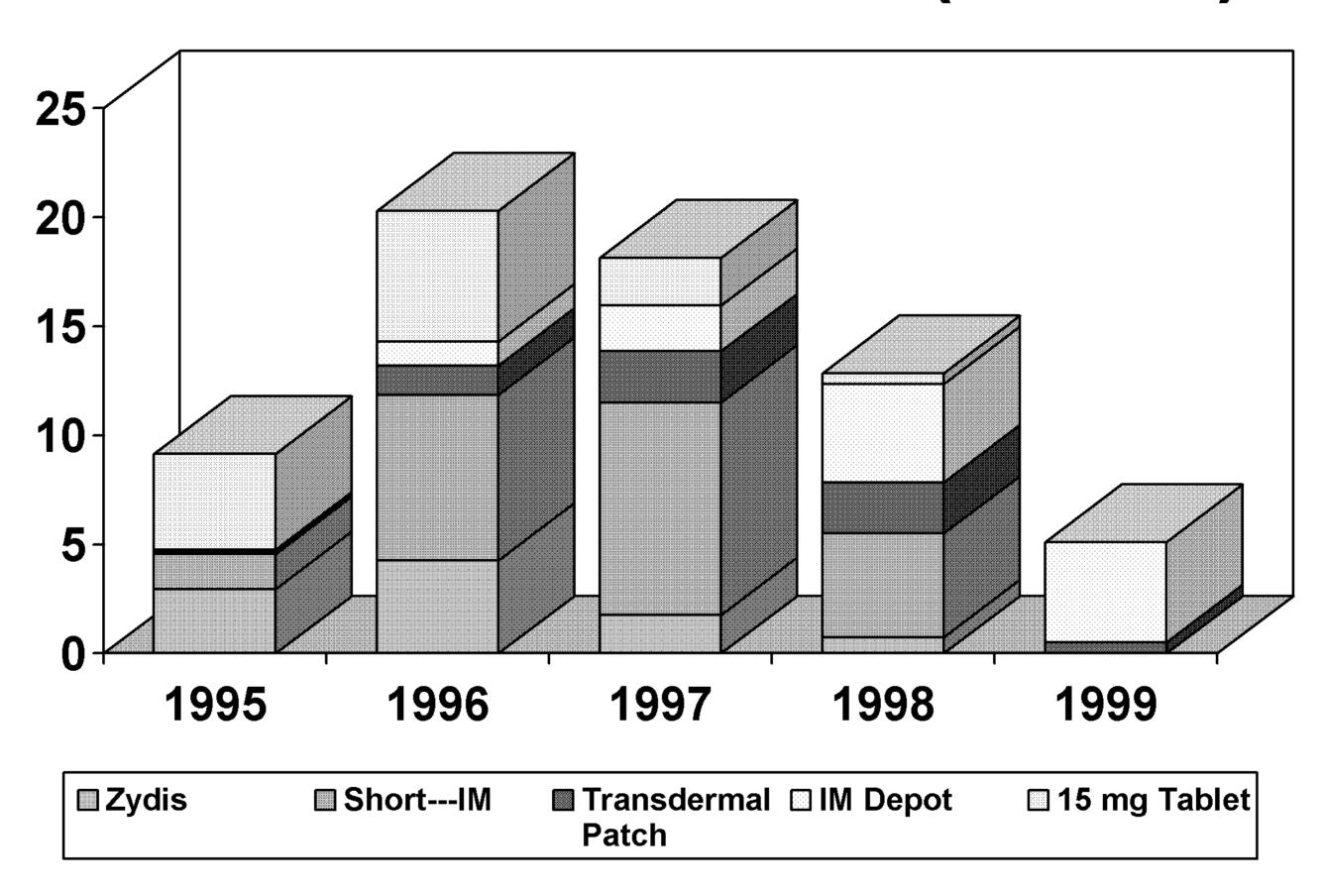


Expenses - Dollars (000's)





Internal Resources (FTE's)





GAP Analysis

- Immediate needs:
 - RA-CMC for Zydis®
 - Analytical development for 15 mg tablet
- Yet undefined additional resources anticipated in 96-98 for other line extensions



GPAC Issues



Issues What the HWT Would Like from GPAC

Affiliate accountability/prioritization



- Development resources line extensions in GPAC prioritization exercise
- Japan mandate that the HWT is empowered/accountable or role clarification



Issues What the HWT Would Like from GPAC - cont'd.

Budget

a single cross-functional budget to provide flexibility, control, and accountability

Human resources

- acknowledgment that registration, commercialization, and speed to launch initiatives are essential/post October 1 the work is <u>not</u> over
- recognition/protection of current team members' 2-3 year commitment to the project
- support a planned, orderly succession strategy when opportunities for team members to assume senior roles as other projects emerge



Conclusion

HWT...

- Work!
- Represent a process improvement < speed efficiency
- Create a better work environment
- Add economic value
- Require adjustments by us all





If you can't run with the Big Dogs... stay on the porch!



Olanzapine HWT 3 Year Plan (Estimate)

	<u>95 F</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>
Subtotal Grants	21,273	36,834	27,863	16,846
Subtotal Med HCT	11,643	13,494	11,091	7,751
CRP/MGMT	750	780	811	844
Project Coord	360	374	389	405
PPD	600	624	649	675
Regulatory	360	374	389	405
Subtotal Marketing	<u>1,649</u>	<u>5,935</u>	<u>6,707</u>	<u>6,432</u>
Total	38,284	64,351	54,607	39,790