

2005 Business & Finance Goal

- Explore Break-Even Business Models
- Develop a Generic Model
- Develop an Example for a New Initiative or Project Expansion

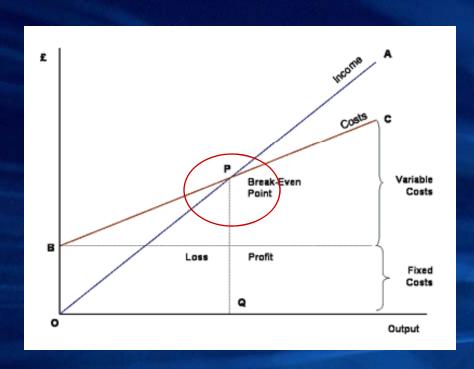


Available Models to Draw From

- Identified Several Comprehensive Models
- Discussed Development of a Generic Model
- SIG Discussion Concluded that Comprehensive Model too Complex to Fit Most Scenarios



Break-Even



- Relationship between initial investment outlays and required volumes to reach profitability
- Intersection of total income and total costs

How many consultations do I need to perform to cover my costs?



Figuring a Break-Even Point

- Total Costs are \$81,000
- Total Revenue per screening is \$67.00



Break-Even Value

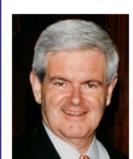
- New Product Development
- General Expansion of Current Service Line
- Consequences of Shifting from Variable to Fixed Costs
- Forecasting (Can I do that many screenings to break even?)
- Understanding Limitations
 - Linear in Nature (when price and volume are constant)
 - Limited in Guiding Managerial Decisions
- Useful as a "First Step" in Setting Price and Making Financial Decisions





"40% of my time is spent on homeland security, 40% of my time is spent on healthcare"

"Healthcare is 30 times more difficult"



Newt Ginarich CHT Founder

Member Spotlight

CHT CEO Nancy Desmond and Project Director Laura Linn illustrate the Center's efforts to transform diabetes care in the Atlanta Business Chronicle's Healthcare Quarterly

- Thursday, May 4, 2006 Pittsburgh, PA
- Newt Gingrich to speak at the Medicaid/Medicare Workshops for State and Local Healthcare Administrators Consumer-Centric Medicaid - The Future is NOW Monday, May 8, 2006 San Francisco, CA
- CHT Member Meeting Friday, May 12, 2006 Atlanta, GA

LEARN MORE >



Why so complicated?



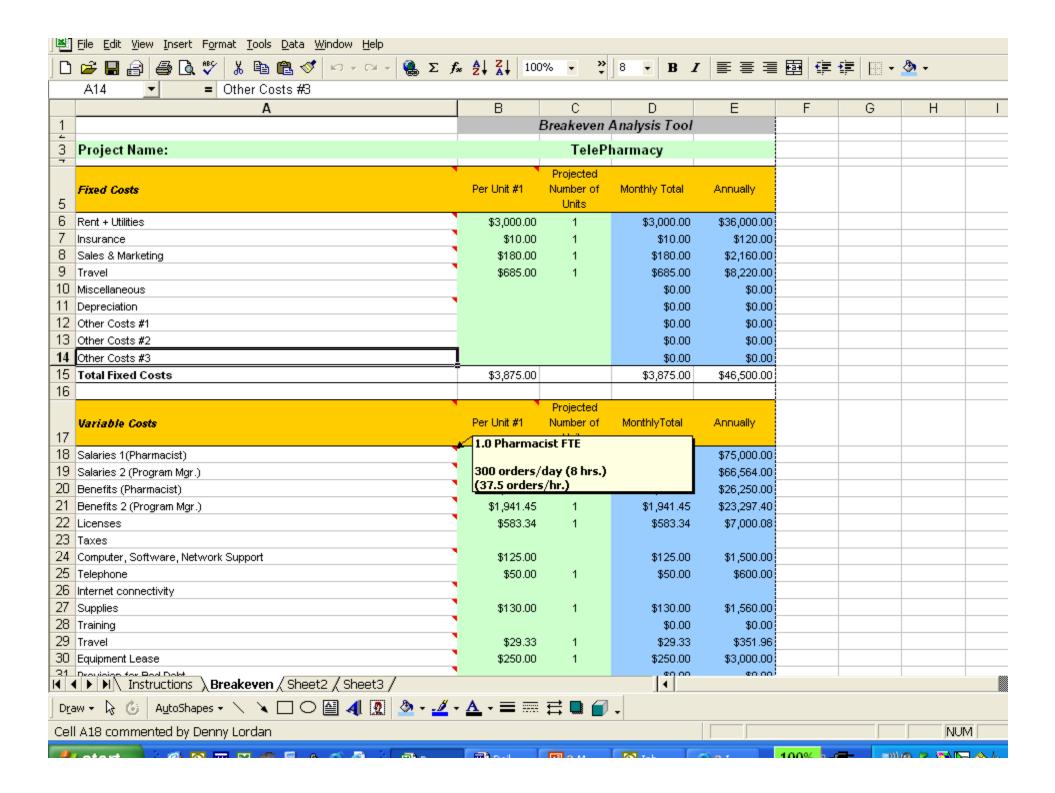
- Complex Payor Mix
- Initial Funding Mechanisms
 - Grants
 - Equipment Purchase, Lease
- Calculating Indirect Cost Savings
- Complex Systems & Processes
- Measuring Improved Outcomes
- ...Tons of Variables

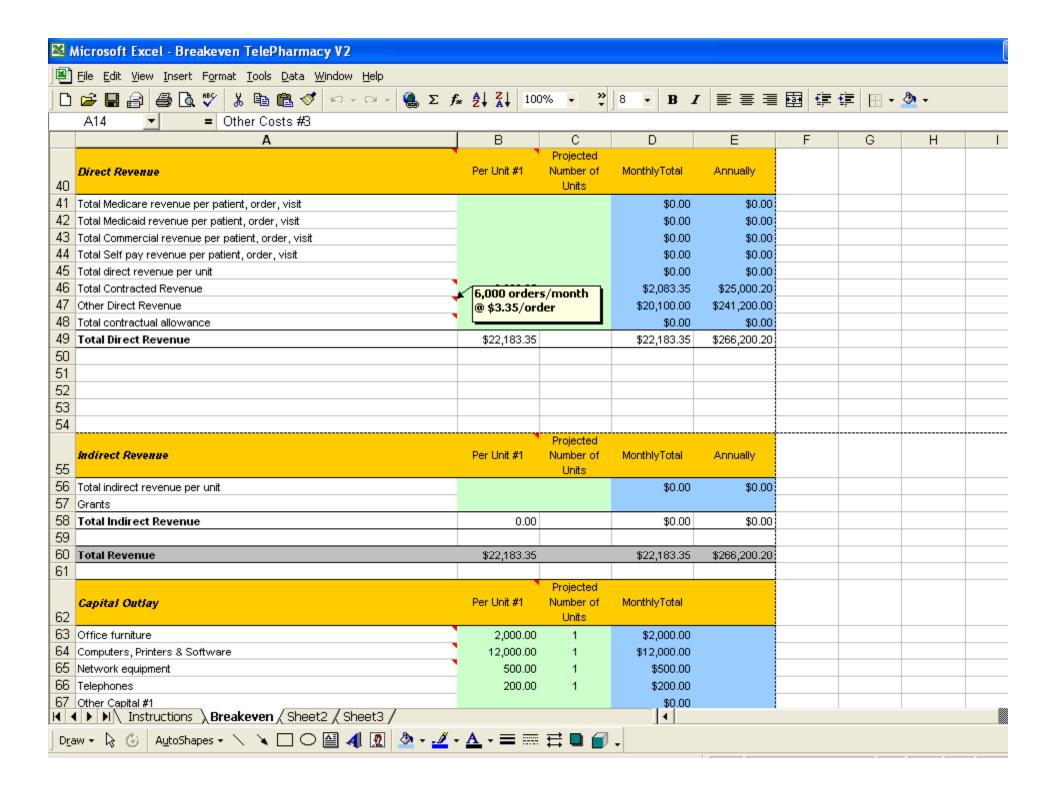


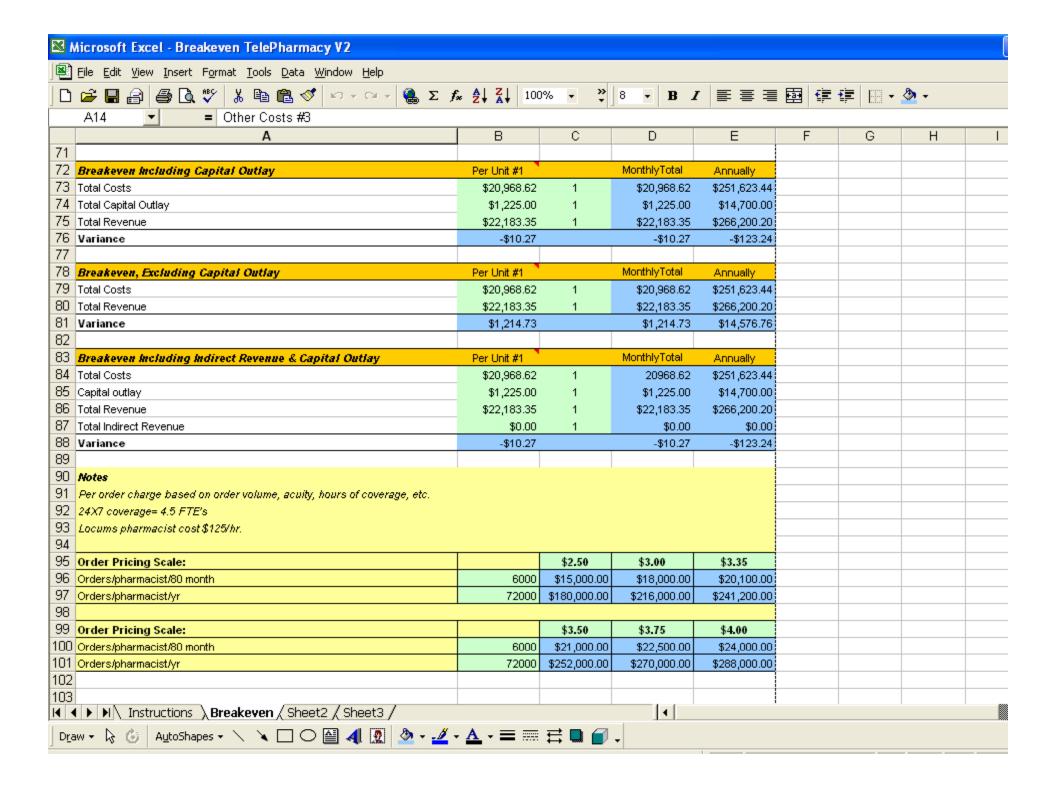
TelePharmacy Model

- Based on Contracted Services
 - No Revenue from Medicare, Medicaid, etc.
- Scalable Based on Pharmacist FTE's Processing XXX Number of Orders/Month
- Flat Fee (Start-up) + Per Order Charge
- One Pharmacist can Service Multiple Hospitals on Order Volume, Hours of Coverage
- No Contractuals, No-Shows, etc. to Worry About











- Lacks a "Weighted Payor" Component
- Limited Forecasting Capability (Pro-Forma)
- Numerous Other Factors Must be Considered
 - Assumes an Intimate Knowledge of Systems & Processes

Financial simulation for Tele-Rehabilitation

- National Rehabilitation Hospital, Washington, DC
- Funded by NIDRR, US Dept. of Education
- Public Domain
- Developed by:
 - Susan Palsbo, PhD.,
 Research Fellow, National Rehabilitation Hospital
 Principal Research Associate, College of Nursing and Health
 Sciences
 George Mason University, Fairfax, VA 22030
 - Michael J. McCue, DBA
 Professor, Department of Health Administration
 Virginia Commonwealth University, Richmond VA
- Contact: spalsbo@gmu.edu





Interactive Excel Spreadsheet

 Allows for individual user to import data specific to a program, operation, service, or initiative



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Microsoft Excel - Telemedici	ne Intera	ictive Sprea	dsheet_Ma	y05							
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1 Table I.I Medicare Patient Reven	ve										
2			Origination fee:	\$ 25.00							
Speech-Language Pathology Services	CPT Code	Projected Number of Encounters	Gross Medicare Revenue per Encounter	Medicare Origination Fee (add CPT code) per encounter	Net Medicare payment per encounter (after patient coinsurance and deductibles)	Patient co-pag per visit (formula assumes 20% coinsurance) (1)	Total SLP Revenues				
4 Speech language evaluation (60 min)	92506	10	\$ 60.00	\$ 25.00	\$48.00	\$ 12.00	\$850.00				
s Laryngeal function studies	92520	10	\$ 85.00	\$ 25.00	\$68.00	\$ 17.00	\$1,100.00				
6 Swallowing Oral Fix Therapy		10	\$ 32.00	\$ 25.00	\$25.60	\$ 6.40	\$570.00				
Cognitive skills development, each 15 min	97532	40	\$ 20.00	\$ 25.00	\$16.00	\$ 4.00	\$1,800.00				
Assessment of Aphagia (60 min)	96105	10	\$ 60.00	\$ 25.00	\$48.00	\$ 12.00	\$850.00				
other SLP telepractice							\$0.00				
Total SLP		80					\$5,170.00				
1											_
≥ Physical Therapy Services	CPT Code	Projected number of Encounters	Gross Medicare Revenue per Encounter	Medicare Origination Fee (add CPT code) per encounter	Net Medicare payment per encounter (after patient coinsurance and deductibles)	Patient co-pay per visit (formula assumes 20% coinsurance) (1)	Total PT Revenues				
3 Individual Therapy Activities	97530	10	\$ 18.00	\$25.0	\$14.40	\$ 3.60	\$430.00				
PT evaluation	97001	10	\$ 35.00	\$25.0	\$28.00	\$ 7.00	\$600.00				
Wheelchair manipulation/propulsion	97542	10	\$ 50.00	\$25.0	\$40.00	\$ 10.00	\$750.00				
Manual therapy techniques	97140	30	\$ 40.00	\$25.0	\$32.00	\$ 8.00	\$1,950.00				_
other PT telepractice							40 777 77				\rightarrow
* Total PT		60					\$3,730.00				\rightarrow
9											\rightarrow
Total Medicare Rehabiliation Services		140					\$8,900.00				
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2 1. Note: Users may wish to adjust patient	copayments f	or bad debt loss.									
♦ ♦ ♦ 1.1 M	ledicare F	Rev / 1.2 Me	edicaid Rev	/ 1.3 Comm	nercial Rev 🔏 :	1.4 Self Pav Rev	/ 1.5 Work	kers Comp	4		
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TeleRehabilitation Model

- There are 13 sheets
- Revenues: Volume and reimbursement into, 6 revenue sheets for you:
 - Table 1.1: Medicare
 - Table 1.2: Medicaid
 - Table 1.3: Commercial insurance.
 - Table 1.4: Self pay (can include contracts with school districts).
 - Table 1.5: Workers compensation.able 1.6:
 Captured savings from IRF PPS payment through shortened length of stay



TeleRehabilitation Model

- Expenses: Fixed and variable expenses
- Separated out telecommunications expenses, medical expenses, and capital expenses.
 - Table 2.1: Telecommunications expenses.
 - Table 2.2: Medical expenses.
 - Table 2.3: Capital expenses.



TeleRehabilitation Model

- Net income: Assumed growth rates by payor.
 - Table 3: Consolidated revenues. This flows from Table
 - Table 4: Consolidated expenses. This flows from Table 2.
- Breakeven analysis.
 - Table 5. This flows from the prior sheets.
 - 5 year pro forma financial performance, payback period and ROI. Enter assumed growth rates.
 - Table 6: Projected 5-year annual income.

