Successful Exits: It's not just about the technology

Project Management Institute

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Objectives

- Appreciate the role technology plays in exiting life sciences companies
- Learn techniques to value the market contribution of technology
- Learn key focus areas to help guide a successful exit by managing processes in highly leveraged activities

Agenda

- 1. Technology is a constant it's the ante
- 2. Three tools to align technology with exit
 - Disease state fact book
 - Healthcare flow chart
 - Macro/micro maps
- 3. Align processes for exit
 - Get the big picture
 - Product management
 - Sales management

My exits

Target









Acquirer

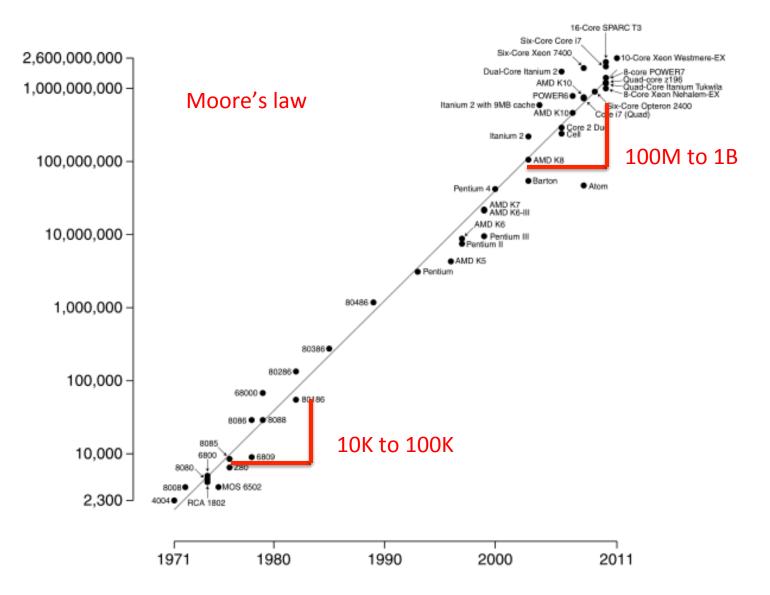




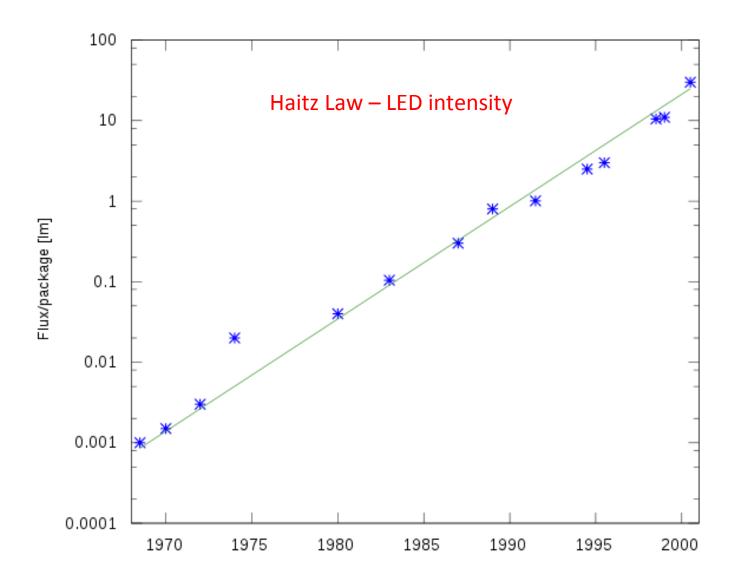




Is it the technology? - Part 1



Is it the technology? – Part 2

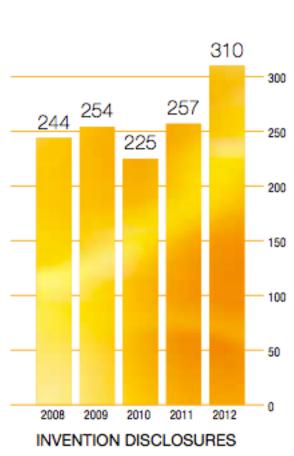


Is it the technology? – Part 3

Larisa Latynina



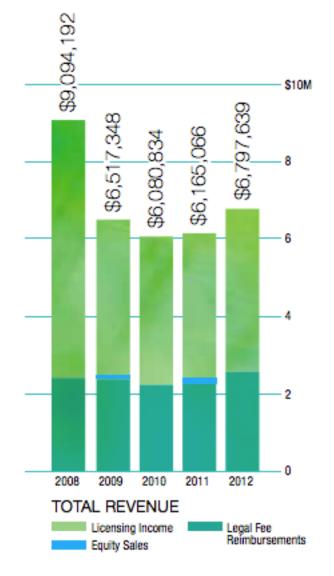
Technology is the ante



\$780

MILLION IN TOTAL RESEARCH EXPENDITURES IN 2012





Source: Upitt OTM Annual Report (2012)

Technology de-risks failure, not an exit

- Great technology is a frequent initiator of a life sciences startup company yet it is often not enough to ensure a successful exit.
- Startups must follow the norms of their startup vertical and align customer, investor and acquirer purchase triggers.

Investment must be connected to exit

- Disease State Fact Book: Distinguish the difference between an incremental market improvement and a monumental innovation.
- Health Care Flow Chart: Overview of the U.S.
 Healthcare System. The intention of the overview is to
 assist the investor in understanding where the product
 fits within the system.
- Macro/Micro Maps: Models to determine the ability to access the market.

Innovation introduces something new to affect change

- From a business perspective, a marketing specialist would state the desire effect of innovation is either:
 - create a new, differentiated and/or protectable market category, or
 - collapse the value steps in an existing category, resulting in decreased cost or increased benefit

Innovation introduces something new to affect change

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Determine if a technology is an innovation or a modification

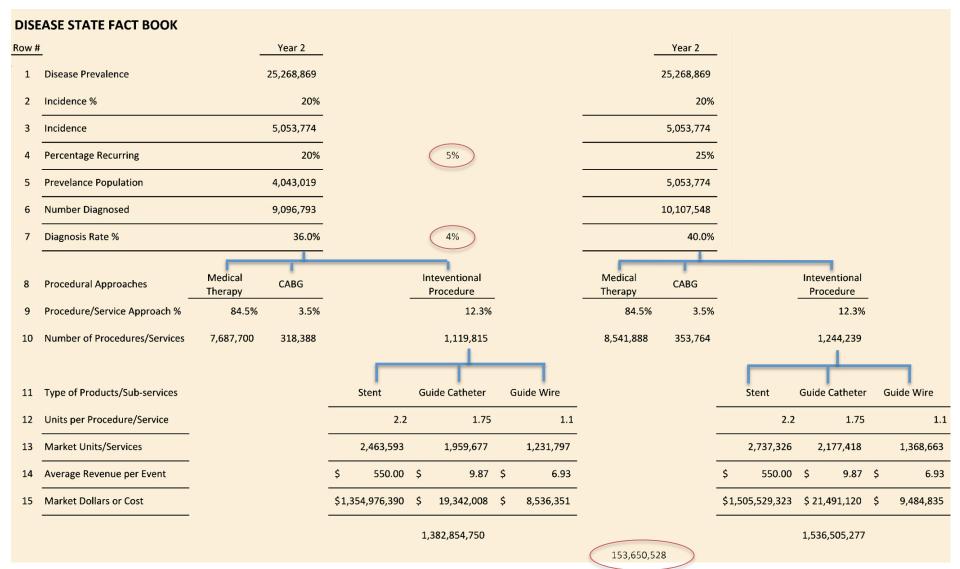
 Disease State Fact Book: distinguish the difference between an incremental market improvement and a monumental innovation.

12 Units per Procedure/Service Example: 2 Stents per Procedure, 30 pills per cycle, 30 days in long-term care 13 Market Units/Services Number of Procedures x Units per Procedure/Service 2,463,593 1,959,677 1,231,	ı	DISE	ASE STATE FACT BOOK							
2 Incidence % Percentage of new cases (generally a year) 1 Incidence Occurrence of new cases since last time periodiater year or in a period of time (generally a year) 4 Percentage Recurring Percentage of population with a reoccurring event in a given year 5 Prevelance Population [Disease prevalence less incidence] x percentage recurring 4,043,019 6 Number Diagnosed Number diagnosed patients (the act of identifying trateable disease) 9,096,793 7 Diagnosis Rate % Number diagnosed/disease prevalence (this included incident patients) 8 Procedural Approaches Diagnostic, Medical Devices, Pharmaceutical, Long-term Care, Medical Therapy CABG Interventional Procedure 9 Procedure/Service Approach % The percent of diagnosed cases that would use this product/service 84.5% 3.5% 12.3% 10 Number of Procedures/Services Number of diagnosed x procedure/service approach % 7,687,700 318,388 1,119,815 11 Type of Products/Sub-services List the individual products or services performed Samplie: 2 Stents per Procedure, 30 pills per cycle, 30 days in long-term care 12 Units per Procedure/Service Number of Procedures x Units per Procedure, 30 pills per cycle, 30 days in long-term care 13 Market Units/Services Number of Procedures x Units per Procedures y Units per Procedures on the revenue by manufacturer \$ 2,463,593 1,959,677 1,231, 4 A Navarana Bauenus per Event Revenue value per event or service - note revenue by manufacturer \$ 5,550,00 5	R	low#	_		Base Year	_	Year 2			
1 Incidence Occurrence of new cases since last time periodilater year or in a period of time (generally a year) 1 Percentage Recurring Percentage of population with a reoccurring event in a given year 2 Prevelance Population [Disease prevalence less incidence] x percentage recurring 4 ,043,019 Number Diagnosed Number diagnosed patients (the act of identifying trateable disease) 9 ,096,793 Diagnosis Rate % Number diagnosed/disease prevalence (this included incident patients) Procedural Approaches Diagnostic, Medical Devices, Pharmaceutical, Long-term Care, Rehabilitation, etc. Procedure/Service Approach % The percent of diagnosed cases that would use this product/service 84.5% 3.5% 12.3% Number of Procedures/Services Number of diagnosed x procedure/service approach % 7,687,700 318,388 1,119,815 11 Type of Products/Sub-services List the individual products or services performed Stample: 2 Stents per Procedure, 30 pills per cycle, 30 days in long-term care 12 Units per Procedure/Service Number of Procedures x Units per Procedure/Service Procedure/Service Revenue value per event or service - note revenue by manufacturer Stent Guide Catheter Guide Wire Cathetics of the procedure of the procedure of the procedure of the procedure of the percent of the per		1	Disease Prevalence	Portion of the population found to have the condition (1 in 1000)	24,652,555		25,268,869			
Incidence of time (generally a year) 4 Percentage Recurring Percentage of population with a reoccurring event in a given year 20% 5 Prevelance Population [Disease prevalence less incidence] x percentage recurring 4,043,019 6 Number Diagnosed Number diagnosed patients (the act of identifying trateable disease) 9,096,793 7 Diagnosis Rate % Number diagnosed/disease prevalence (this included incident patients) 36.0% 8 Procedural Approaches Diagnostic, Medical Devices, Pharmaceutical, Long-term Care, Rehabilitation, etc. Rehabilitation, etc. 84.5% 3.5% 12.3% 10 Number of Procedure/Service Approach % The percent of diagnosed cases that would use this product/service 84.5% 3.5% 12.3% 11 Type of Products/Sub-services Number of diagnosed x procedure/service approach % 7,687,700 318,388 1,119,815 12 Units per Procedure/Service Example: 2 Stents per Procedure, 30 pills per cycle, 30 days in long-term care 13 Market Units/Services Number of Procedures x Units per Procedure/Service - note revenue by manufacturer 5 5,050,00 S. 9,87,5 5,000 S.		2	Incidence %	Percentage of new cases (generally a year)			20%			
5 Prevelance Population [Disease prevalence less incidence] x percentage recurring 4,043,019 6 Number Diagnosed Number diagnosed patients (the act of identifying trateable disease) 9,096,793 7 Diagnosis Rate % Number diagnosed/disease prevalence (this included incident patients) 36.0% 8 Procedural Approaches Diagnostic, Medical Devices, Pharmaceutical, Long-term Care, Rehabilitation, etc. The percent of diagnosed cases that would use this product/service 84.5% 3.5% 12.3% 10 Number of Procedures/Services Number of diagnosed x procedure/service approach % 7,687,700 318,388 1,119,815 11 Type of Products/Sub-services List the individual products or services performed Stent Guide Catheter Guide Wire Language Canada Catheter Guide Wire Catheter C		3	Incidence				5,053,774			
Number Diagnosed Number diagnosed patients (the act of identifying trateable disease) Number diagnosed/disease prevalence (this included incident patients) Number diagnosed/disease prevalence (this included incident patients) Procedural Approaches Diagnostic, Medical Devices, Pharmaceutical, Long-term Care, Rehabilitation, etc. Procedure/Service Approach The percent of diagnosed cases that would use this product/service 84.5% 3.5% 12.3% Number of Procedures/Services Number of diagnosed x procedure/service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure Service approach To the percent of diagnosed x procedure		4	Percentage Recurring	Percentage of population with a reoccurring event in a given year			20%			
Number diagnosed/disease prevalence (this included incident patients) 8 Procedural Approaches Diagnostic, Medical Devices, Pharmaceutical, Long-term Care, Rehabilitation, etc. 9 Procedure/Service Approach The percent of diagnosed cases that would use this product/service 10 Number of Procedures/Services Number of diagnosed x procedure/service approach The percent of ABG. Stent Guide Catheter Guide Wire approach The percent of diagnosed x procedure/service approach The percent of ABG. Stent Guide Catheter Guide Wire approach The percent of ABG. Stent Guide Catheter Guide Wire approach The percent of ABG. Stent Guide Catheter Guide Wire approach The percent of ABG. Stent Guide Catheter Guide Wire approach The percent of ABG. Stent Gu		5	Prevelance Population	[Disease prevalence less incidence] x percentage recurring			4,043,019			
Procedural Approaches Diagnostic, Medical Devices, Pharmaceutical, Long-term Care, Rehabilitation, etc. Procedure/Service Approach The percent of diagnosed cases that would use this product/service Number of Procedures/Services Number of diagnosed x procedure/service approach The percent of diagnosed x procedure approach The		6	Number Diagnosed	Number diagnosed patients (the act of identifying trateable disease)			9,096,793			
Procedural Approaches Rehabilitation, etc. Procedure Rehabilitation, etc. Therapy		7	Diagnosis Rate %				36.0%			
10 Number of Procedures/Services Number of diagnosed x procedure/service approach % 7,687,700 318,388 1,119,815 11 Type of Products/Sub-services List the individual products or services performed Stent Guide Catheter Guide Wir 12 Units per Procedure/Service Example: 2 Stents per Procedure, 30 pills per cycle, 30 days in long-term care 13 Market Units/Services Number of Procedures x Units per Procedure/Service 2,463,593 1,959,677 1,231,		8	Procedural Approaches				CABG			_
11 Type of Products/Sub-services		9	Procedure/Service Approach %	The percent of diagnosed cases that would use this product/service		84.5%	3.5%		12.3%	
12 Units per Procedure/Service Example: 2 Stents per Procedure, 30 pills per cycle, 30 days in long-term care 13 Market Units/Services Number of Procedures x Units per Procedure/Service 2,463,593 1,959,677 1,231,		10	Number of Procedures/Services	Number of diagnosed x procedure/service approach %		7,687,700	318,388		1,119,815	
12 Units per Procedure/Service term care 13 Market Units/Services Number of Procedures x Units per Procedure/Service 2,463,593 1,959,677 1,231, 14 Average Revenue aper Event Revenue value per event or service - note revenue by manufacturer \$ \$50.00 \$ 9.87 \$ 6		11	Type of Products/Sub-services	List the individual products or services performed				Stent	Guide Catheter	Guide Wire
Revenue value per event or service - note revenue by manufacturer \$ 550.00 \$ 9.87 \$ 6		12	Units per Procedure/Service					2.2	1.75	1.1
		13	Market Units/Services					2,463,593	1,959,677	1,231,797
		14	Average Revenue per Event					\$ 550.00	\$ 9.87	\$ 6.93
15 Market Dollars or Cost Maket Units x Average Price \$1,354,976,390 \$ 19,342,008 \$ 8,536,		15	Market Dollars or Cost	Maket Units x Average Price	_			\$1,354,976,390	\$ 19,342,008	\$ 8,536,351

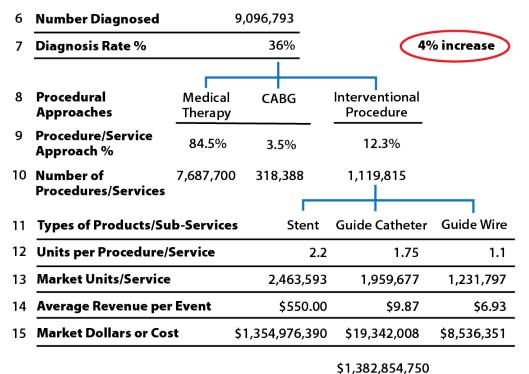
Factors that increase market value

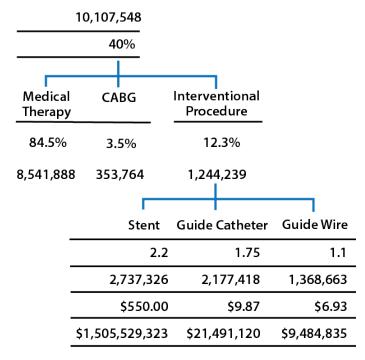
Disease Prevalence	Portion of the population found to have the condition (1 in 1000)
Incidence %	Percentage of new cases (generally a year)
Incidence	Occurrence of new cases since last time period — later year or in a period of time (generally a year)
Percentage Recurring	Percentage of population with a recurring event in a given year.
Prevalence Population	[Disease prevalence less incidence] x percentage recurring
Number Diagnosed	Number diagnosed patients (the act of identifying treatable disease)
Diagnosis Rate %	Number diagnosed/disease prevalence (includes incident patients)
Procedural Approaches	Diagnostic, Medical Devices, Pharmaceutical, Long-Term Care, Rehabilitation, etc.
Procedure/Service Approach %	The percentage of diagnosed cases that would use this product/service
Number of Procedures/Services	Number of diagnosed x procedure/service approach %
Type of products/Sub-services	List the individual products or services performed
Units per Procedure/Service	Example: 2 stents per procedure, 30 pills per cycle, 30 days in long-term care
Market Units/Services	Number of Procedures x Units per Procedure/Service
Average Revenue per Event	Revenue value per event or service – note revenue by manufacturer would be different than at the hospital level
Market Dollars or Cost	Market Units x Average Price

4% pt. change in diagnosis rate can increase the market by 11%



4% pt. increase in diagnosis rate



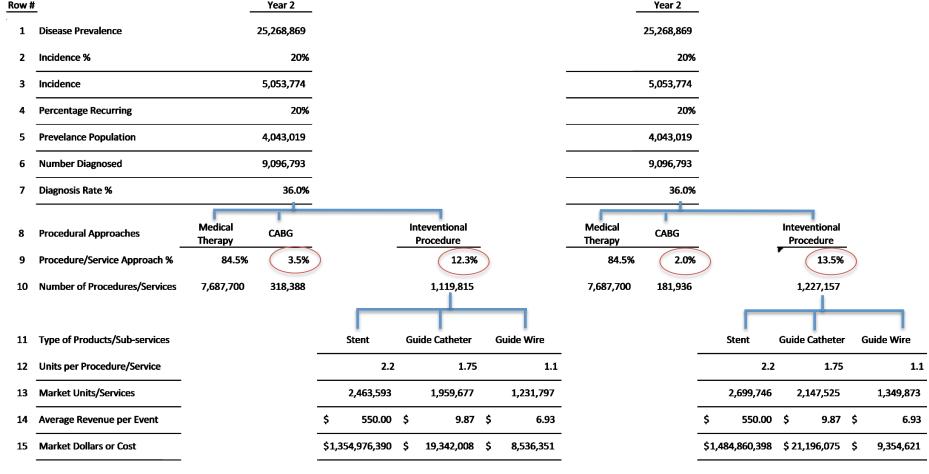


\$153,650,528

\$1,536,505,278

1.2% pt. procedural shift can change the market dollars by 10%

DISEASE STATE FACT BOOK



1,382,854,750

1,515,411,094

Increasing units per procedure by .2 units shift market dollars by 9%

DISEASE STATE FACT BOOK

Row #	! -	_	Year 2							_	Year 2						
. 1	Disease Prevalence		25,268,869								25,268,869						
2	Incidence %		20%								20%						
3	Incidence		5,053,774								5,053,774	•					
4	Percentage Recurring		20%								20%	•					
5	Prevelance Population		4,043,019								4,043,019						
6	Number Diagnosed		9,096,793								9,096,793						
7	Diagnosis Rate %		36.0%								36.0%						
8	Procedural Approaches	Medical Therapy	CABG				eventional rocedure			Medical Therapy	CABG				ventional ocedure		
9	Procedure/Service Approach %	84.5%	3.5%				12.3%			84.5%	3.5%				12.3%		
10	Number of Procedures/Services	7,687,700	318,388				1,119,815		_	7,687,700	318,388			1,	,119,815		_
11	Type of Products/Sub-services				Stent	Guid	de Catheter	c	Guide Wire				Stent	Guide	e Catheter	· G	iuide Wire
12	Units per Procedure/Service				2.2	$\overline{}$	1.75		1.1				2.4	$\overline{}$	1.75		1.1
13	Market Units/Services				2,463,593		1,959,677		1,231,797				2,687,556	1	,959,677		1,231,797
14	Average Revenue per Event			\$	550.00	\$	9.87	\$	6.93			\$	550.00	\$	9.87	\$	6.93
15	Market Dollars or Cost			\$1,3	354,976,390	\$	19,342,008	\$	8,536,351			\$1,4	478,156,062	\$ 19	,342,008	\$	8,536,351
						4.0	02.054.750							4 50	C 024 424		

1,382,854,750

1,506,034,421

Geography: <u>U.S.</u>

Disease: Cornonary Artery Disease

Startup Company, INC. **UNITS SALES & MARKET SHARE MARKET: Stents**

I. Your Company A Net Sales

Gross		Annual		Annual		Annual
Profit %	Units	Inc. %	Sales	Inc. %	ASP	Inc. %
	2,217,234		\$1,462,758,344		\$659.72	
0.680	2,408,162	8.6%	\$1,456,938,105	-0.4%	\$605.00	-8.3%
0.695	2,833,132	17.6%	\$1,679,763,933	15.3%	\$592.90	-2.0%
0.710	3,320,077	17.2%	\$1,929,103,892	14.8%	\$581.04	-2.0%
0.720	3,873,423	16.7%	\$2,205,608,783	14.3%	\$569.42	-2.0%
0.720	4,495,937	16.1%	\$2,508,879,991	13.8%	\$558.03	-2.0%
	0.680 0.695 0.710 0.720	Profit % Units 2,217,234 0.680 2,408,162 0.695 2,833,132 0.710 3,320,077 0.720 3,873,423	Profit % Units Inc. % 2,217,234 8.6% 0.680 2,408,162 8.6% 0.695 2,833,132 17.6% 0.710 3,320,077 17.2% 0.720 3,873,423 16.7%	Profit % Units Inc. % Sales 2,217,234 \$1,462,758,344 0.680 2,408,162 8.6% \$1,456,938,105 0.695 2,833,132 17.6% \$1,679,763,933 0.710 3,320,077 17.2% \$1,929,103,892 0.720 3,873,423 16.7% \$2,205,608,783	Profit % Units Inc. % Sales Inc. % 2,217,234 \$1,462,758,344 -0.680 2,408,162 8.6% \$1,456,938,105 -0.4% 0.695 2,833,132 17.6% \$1,679,763,933 15.3% 0.710 3,320,077 17.2% \$1,929,103,892 14.8% 0.720 3,873,423 16.7% \$2,205,608,783 14.3%	Profit % Units Inc. % Sales Inc. % ASP 2,217,234 \$1,462,758,344 \$659.72 0.680 2,408,162 8.6% \$1,456,938,105 -0.4% \$605.00 0.695 2,833,132 17.6% \$1,679,763,933 15.3% \$592.90 0.710 3,320,077 17.2% \$1,929,103,892 14.8% \$581.04 0.720 3,873,423 16.7% \$2,205,608,783 14.3% \$569.42

II. Estimated Share of Market Potential

U	Ν	ΙT	S

	Total Market					Share of Marke	et		
		Annual							
	Units	Inc. %	Company A	Company B	Company C	Company D	Company E	All Others	Total
Yr # 1	2,463,593		90.0%	5.0%	5.0%	0.0%	0.0%	0.0%	100.0%
Yr # 2	2,833,132	13.00%	85.0%	5.0%	5.0%	5.0%	0.0%	0.0%	1 00.0%
Yr # 3	3,541,415	25.00%	80.0%	6.0%	6.0%	5.0%	3.0%	0.0%	1 00.0%
Yr # 4	4,426,769	25.00%	75.0%	9.0%	7.0%	5.0%	3.0%	1.0%	1 00.0%
Yr # 5	5,533,461	25.00%	70.0%	10.0%	8.0%	6.0%	3.0%	1.0%	9 8.0%
Yr # 6	6,916,826	25.00%	65.0%	14.0%	9.0%	7.0%	4.0%	1.0%	1 00.0%
llare									

Dollars											
20		Total Market					Share of Marke	ıt.			
Mkt			Annual								
ASP		Dollars (000)	Inc. %	Company A	Company B	Company C	Company D	Company E	All Others		Total
\$625	Yr # 1	\$1,539,745,625		95.0%	5.0%	0.0%	0.0%	0.0%	0.0%		100.0%
\$550	Yr # 2	\$1,558,222,573	15.00%	93.5%	4.0%	2.5%	0.0%	0.0%	0.0%	F	100.0%
\$539	Yr # 3	\$1,908,822,651	22.50%	88.0%	5.0%	5.0%	2.0%	0.0%	0.0%		100.0%
\$528	Yr # 4	\$2,338,307,748	22.50%	82.5%	7.0%	6.0%	2.0%	1.5%	1.0%	7	100.0%
\$518	Yr # 5	\$2,864,426,991	22.50%	77.0%	9.0%	7.0%	4.0%	2.0%	1.0%	F	100.0%
\$507 1	Yr # 6 19	\$3,508,923,064	22.50%	71.5%	12.0%	8.0%	5.5%	2.0%	1.0%	•	100.0%

Market factors that attract acquirers

Factors that increase market value:

(A rising tide lifts all boats)

- Diagnosis rate
- Procedure rate
- Units p/ procedure

Factors that require taking share:

(fighting incumbents)

- Type of products
 - Category transitions
- Market units
- Average selling price
- Market dollars

Innovation introduces something new to affect change

- From a business perspective, a marketing specialist would state the desire effect of innovation is either:
 - create a new, differentiated and protectable market category,

or

 collapse the value steps in an existing category, resulting in decreased cost or increased benefit \$ 2.8 T 17.9% of 2012 GDP

22

CMS

- Medicare

Medicaid

Private - Insurers

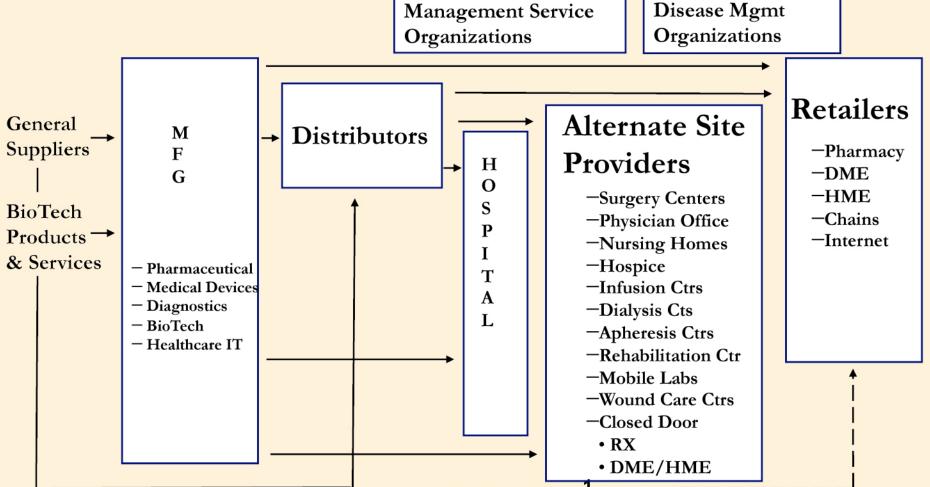
- State Specific
- Self Funded
- Out-of-pocket

Payors

- Special Prgms

- Special Prgms

Accountable Care Organizations (ACO's)





Medical Device Industry Macro Map

									ŀ	1 (C	S	P	ΙT	Α	L	. S)													
					C	pera	ting	Roo	m							Mι	ulti s	peci	alty		ICU/ CCU	Labo	ratoı	ry ba	sed		;	Spe	cialt	ty	
	cardiothoracic general	colon rectal	otolaryngology	orthopedic	plastic surgery	ophthalmology	ob-gyn	general laparoscopy	general-other	Vascular	urology	endoscopy	neurology	Robot assisted / image guided	anesthetics	respiratory devices	hemostats	tissue sealants	adhesion prevention	monitoring systems		Interventional cardiology	Interventional radiology	Electrophysiology	Interventional neurology	CRM	Radiology(imaging)	Renal	Neurology	Infusion systems	wound care and management
Abbott	✓					✓				✓							✓					✓	✓								✓
Atrium	✓								✓	✓												✓									
B Braun										✓					\							✓	✓					\	✓	✓	✓
Baxter															✓		✓	✓	✓									✓		✓	✓
Boston Scientific		✓					✓		✓		✓	✓	✓									✓	✓		✓	✓					
CR Bard			✓	✓					✓	✓	✓	✓					✓					✓	✓	✓		✓	٠	✓			✓
Cook	✓	✓					✓		✓	✓	✓	✓										✓	✓							✓	
Covidien	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓			✓		✓	✓		✓	✓	✓		✓	✓	✓	✓		✓	✓
Drager															✓	✓				✓							٠	٠			
Gambro																												✓			
GE Health care			✓				✓		✓		✓			✓	✓	✓				✓	✓		✓	✓		✓	✓				
Gore Medical	✓	✓		✓					✓	✓			✓									✓	✓								✓
J&J	✓			✓	✓	✓	✓	✓	✓		✓		✓									✓	✓		✓	✓			✓	✓	✓
Kinetic Concepts Inc.							✓				✓																				✓
Medtronic	✓		✓	✓							✓										✓	✓				✓	٠		✓	✓	
Philips Health Care															✓					✓							✓				
Siemens Health care															✓	✓				✓		✓		✓			✓				
Smith and Nephew				✓								✓																			✓
Stryker				✓								✓	✓	✓						✓	✓						✓			✓	
St. Jude	✓	✓												✓								✓		✓		✓			✓		
Synergetics													✓																		
Synovis	✓				✓		✓	✓	✓	✓	✓		✓																		
Unomedical/ Convotech																✓					✓		✓							✓	✓
Zimmer				✓																							✓			, ,	



Interventional Cardiology Micro Map

	angiography	an	giopla	sty			ivus	vascular closure	atherectomy	thrombectomy	cardiac catheter
		angioplasty balloon catheters		st	ents						
			coronary	stents	periheral	stents					
			bare metal	drug eluting	peripheral stents	peripheral stent grafts					
Abbott		✓	✓	1		✓		✓	✓		
Abiomed	✓										✓
Arrow Medical	✓	✓								✓	✓
Arterial Remodeling Technologies			✓								
Ashahi Intecc Co.	✓	✓									✓
Atrium	✓	✓	✓	✓	✓					✓	
B Braun	✓	✓									
Biosensors International		✓	✓	✓							✓
Biotronik		✓	✓		✓						
Boston Scientific	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
CR Bard		✓	✓			✓			✓		✓
Cardiovascular Systems Inc.		•							✓		
Cardiac output technologies		✓	✓	✓	✓						✓
Cardima											✓
Clear stream technologies		✓	✓	✓	✓	✓					
Cook	✓	✓		✓		✓			✓	✓	
Concentric Medical										✓	
Covidien				✓	✓				✓		
Edwards Life Sciences	✓	✓			✓						
Gore Medical						✓		✓			

What are they thinking...

Typical academic startup

Investors

- My technology is better
- I'm the thought leader
- I've raised \$XXM NIH
- Salespeople are dispensable
- Marketing shmarketing
- Myopic focus
- Customers are stupid
- Autonomy

- Management Team
- Board of Directors
- Intellectual Property
- Accountability
- Relationships with Industry
- Business Model
- Clear Exit
- No surprises

Work top-down

VISION:

Develop and execute innovative and effective strategies, marketing campaigns and sales processes in order to exceed revenue and margin objectives

MISSION:

Exceed customer expectations by offering:

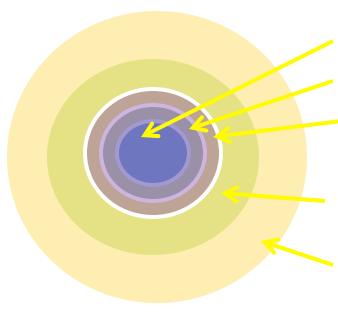
- Compelling products and services
- Innovative new product & service offerings
- Reliable partnerships in products & services

Focus Priorities

- Core set of strategic accounts
- •Continually invest in value proposition
 - Build customer loyalty
 - Diversify target market

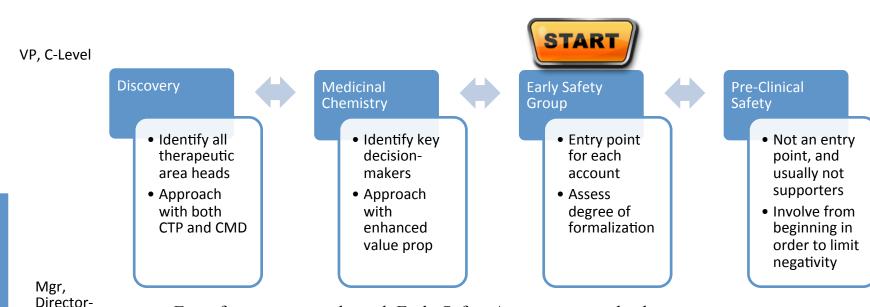
GOAL 1 Grow 2009 r	evenue to \$6M	1			GOAL 2 Achieve stab	le, \$500K/mo	nth revenue	GOAL 3 Forge 2 rev producing s alliances	
Strat 1: Target SR-level contacts within accounts	Strategic	Strat 3: Optimize selling process	Strat 4: Grow and refine value proposition with existing panels	Strat 5: Enter high-growth, less competitive markets such as cosmetics	Strat 1: Establish customer loyalty program	Strat 2: Pursue collaborative development deals	Strat 3: Involve strategic customers in R&D	Complement global reagent	Strat 2: Pursue global contract research organizations

Core versus Potential Product



- •Core Benefit (fundamental value)
 - •Reduce costs & bring profitable drugs to market faster
- •Basic Product (minimum to delivery core benefit)
 - •Toxicity profiling screening services
- •Expected Product (attributes customers expect)
 - •Relevant panels, classifiers, reports, customer data, agreeable reference library
- •Augmented Product (exceed customer expectations)
 - •Diverse panels, advanced classifiers, access to reference database, expansive reference database, high-level no false positives
- Potential Product (new ways to satisfy customers)
 - •3D tissue models, human productivity

Sales Process



Enter focus accounts through Early Safety Assessment needs, then IMMEDIATELY identify if duel sales opportunity exists to include cellular models of disease

level

Work mid-level and senior-level contacts simultaneously leveraging Lans/ Kate/Bert for senior-level, peer-to-peer selling

Sales Pipeline Management

Initiate

- Research account
 - Develop profile
 - Identify collaborators
- Develop contacts
 - Identify senior management
 - Identify scientific advisory board
- Search conferences for contacts
- Develop contact profiles
- Formulate 1st contact strategy
 - Identify product focus areas
- Develop 1st contact communication
- Make initial contact

Position

- Confirm initial account interest
- Qualify account
- Identify Critical Business Issue (CBI)
- Confirm budget amount and cycle
- Identify procurement process
- Confirm purchasing authority
- Identify key contacts
- Provide initial solution statement
- Develop value prop
- Compile initial pricing
- Develop initial solution
 Statement materials
- Submit initial solution statement materials
- □ Coordinate presentation
 - □ Identify attendees
 - □ Identify presentation goals
 - Develop presentation and materials
- ☐ Schedule presentation
- □ Perform presentation

Procure

- Assemble follow-up information
- Submit follow-up information
- Confirm proposal interest
- Develop proposal & agreements
- Finalize product & services
- Finalize pricing (25%)
- Draft proposal & agreements (25%)
- Submit proposal & agreements
- □ Negotiate proposal & agreements

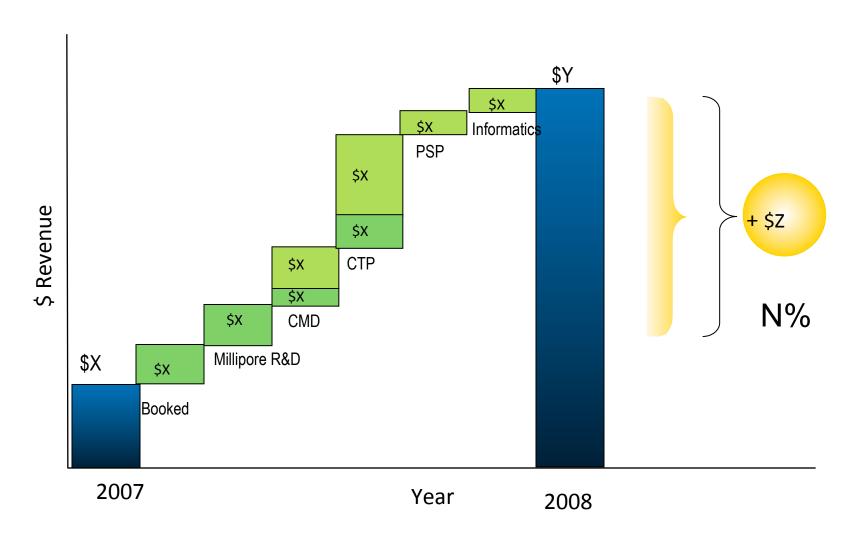
(due: 05/24/2008)

- □ Send final proposal & agreements
- □ Confirm acceptance

Close

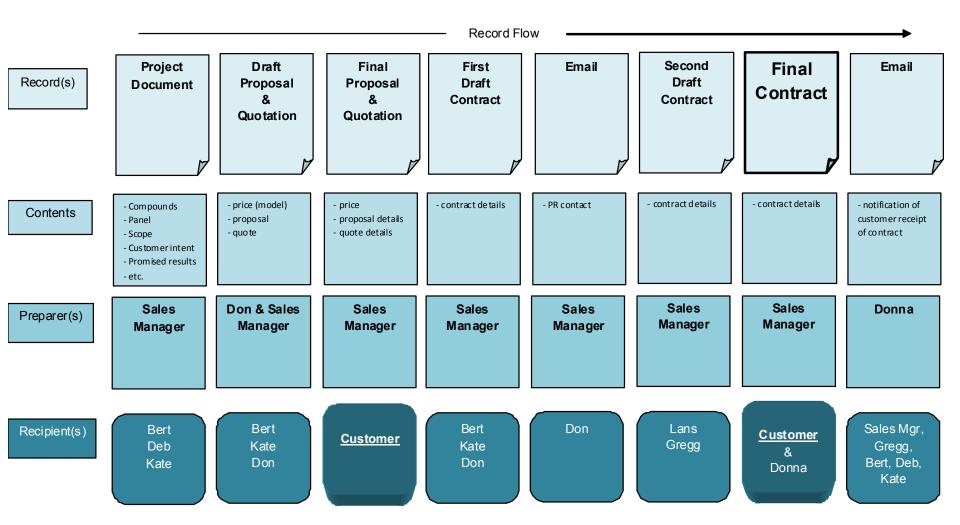
- □ Coordinate contract receivables
 - □ Request purchase order (15%)
 - □ Pursue contract signatures
- □ Confirm receivables to Cellumen
- ☐ Handoff to support/implementation team
- ☐ Formal thank you to customer
- □ Close sales opportunity

Revenue Walk



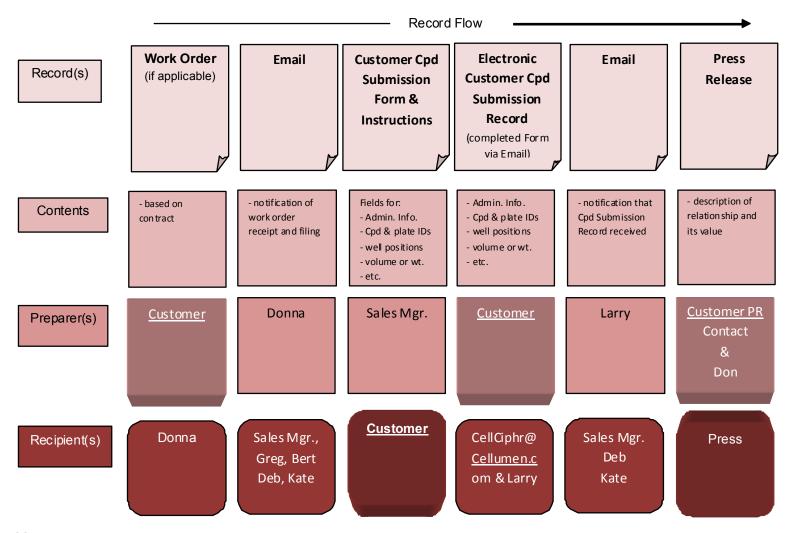
Customers - Phase I

Phase I: Contract



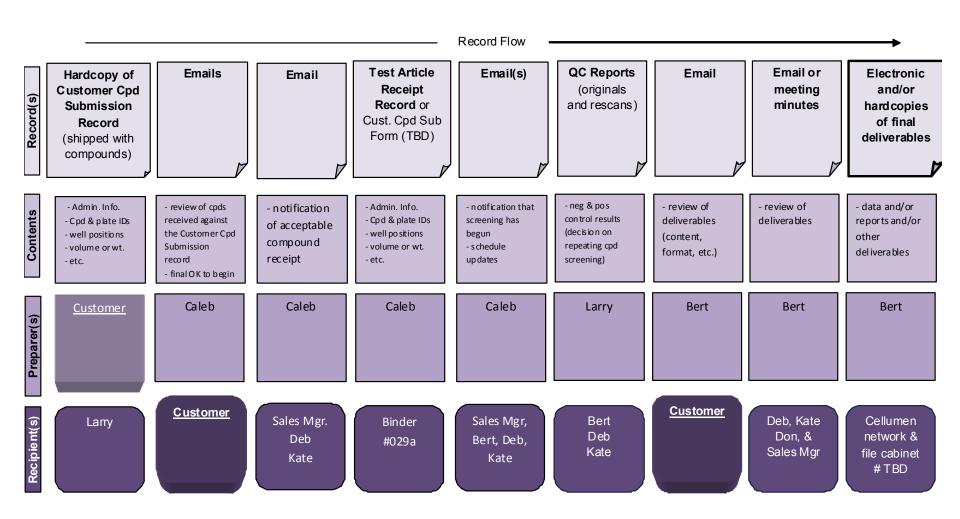
Customers – Phase 2

Phase II: Intermediate Administrative Records



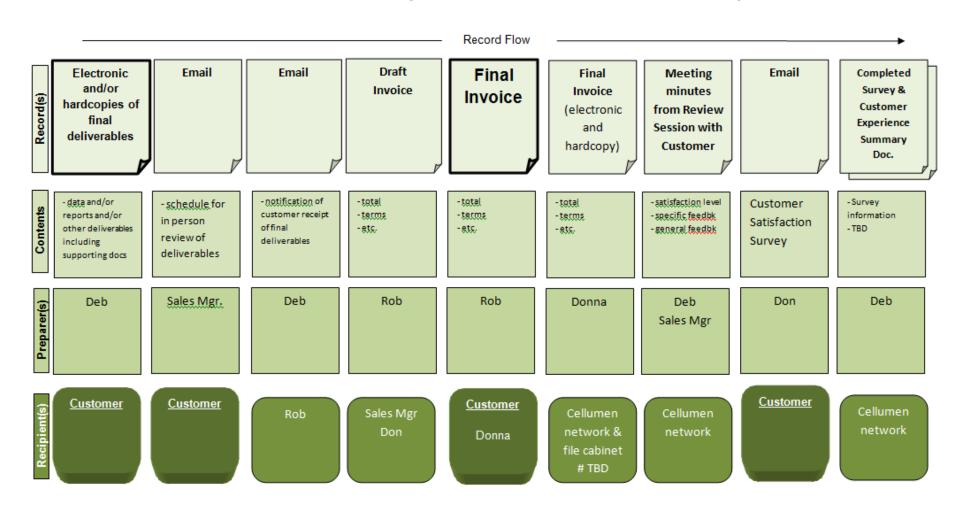
Customers - Phase 3

Phase III: Compound Records and Customer Deliverables



Customers - Phase 4

Phase IV: Customer Delivery Records, Invoice and Follow up Records





Conclusion

- Technology de-risks failure, not an exit
- Innovation introduces something new to:
 - create a category
 - collapse the value steps for cost/benefit
- The DSFB identifies market value triggers
- The HCFC identifies the industries value steps
- Market maps determine sales channel access
- Manage process in highly leveraged activities