MEDCELERATE

Clearing Commercialization Hurdles

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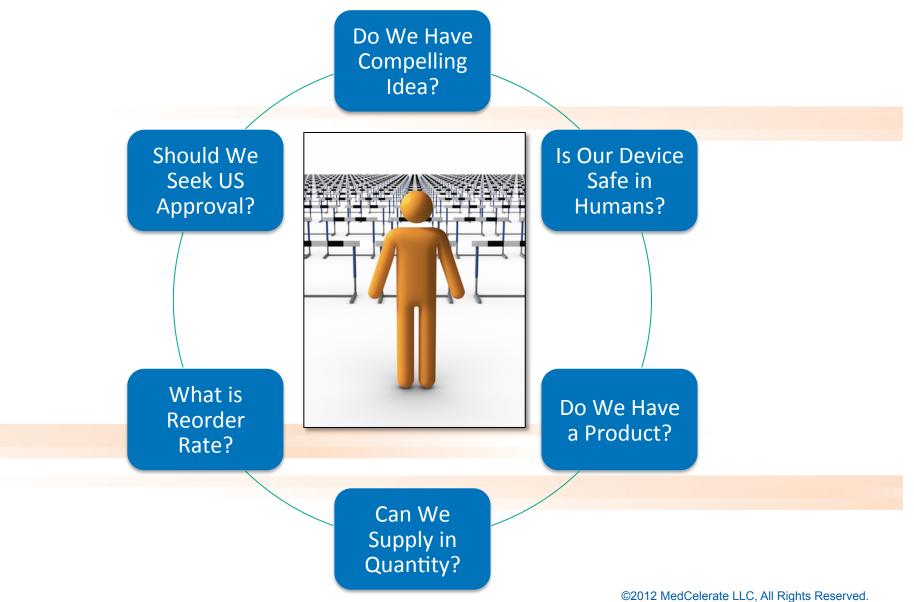
My Device Background





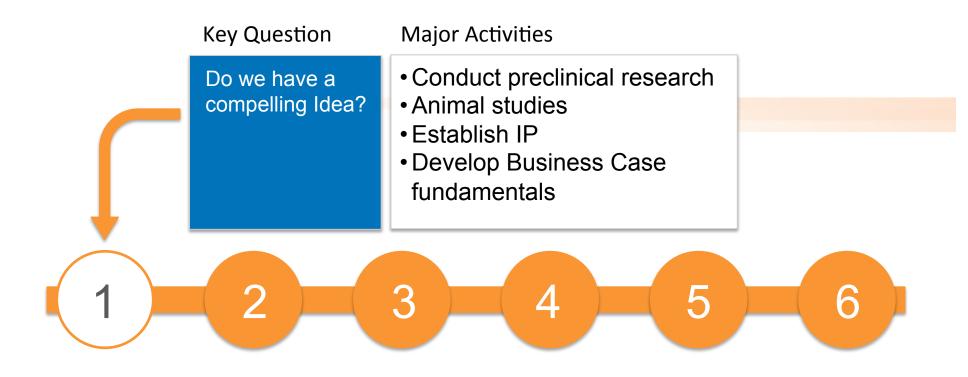
Fundamental Questions





Product Development

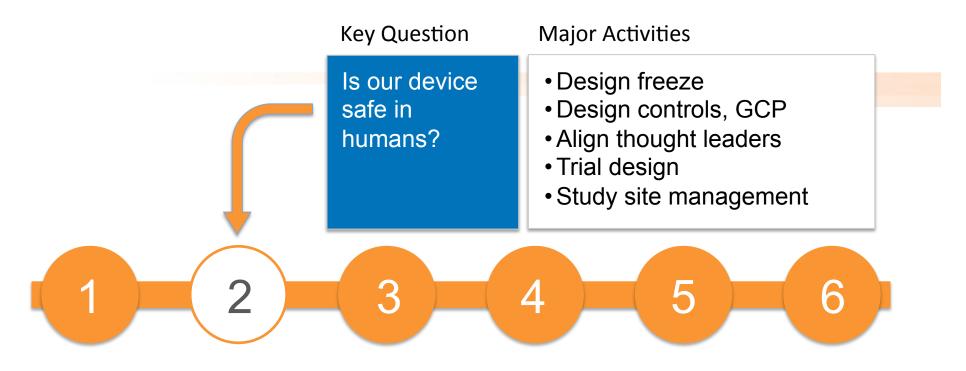




- ✓ Start virtual, run silent, be capital efficient
- Learn how to iterate and fail quickly
- Study long-term trends in healthcare and impact on your technology
- ✓ Identify up front how your product will save health care system money

FIM/CE Mark Clinical Study





- Lay solid Quality System foundation early
- Know and understand regulatory requirements
- Consider using European CRO with relevant device experience
- Continue staying lean and focused

Blessing and Curse of CE Mark Approval

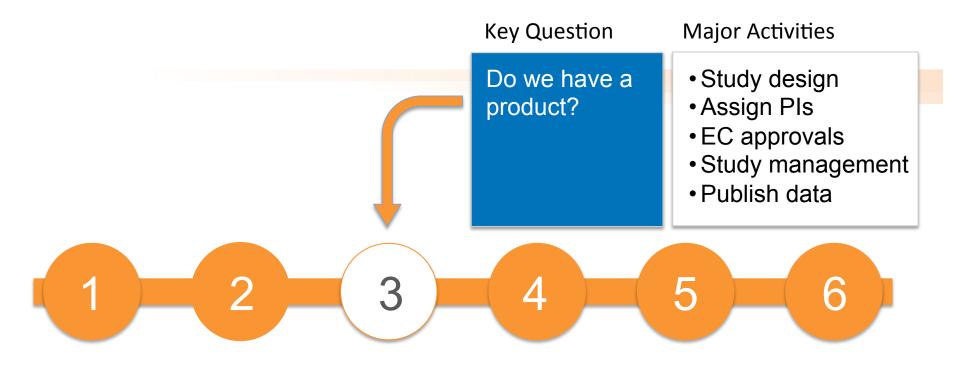


	EU Regulatory Class	# of Patients	Trial Region
Cardiovascular		30	Europe
Peripheral Artery	llb	11	South America
GERD		24	South America
Venous Disease	llb	11	Caribbean
Cardiovascular		25	Europe

- Limited clinical experience, with small number of KOLs, does not guarantee product viability

Post-Market Clinical Studies

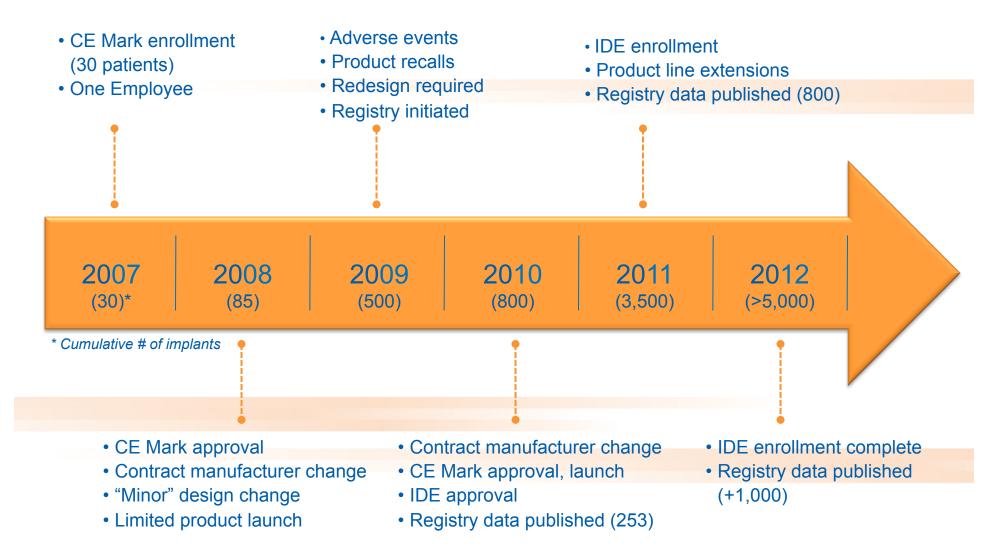




- Build clinical experience to gain understanding of product limitations
- Customer usage may lead to another product iteration
- Will inform about market development and physician training requirements
- Despite limitations, clinical data is powerful

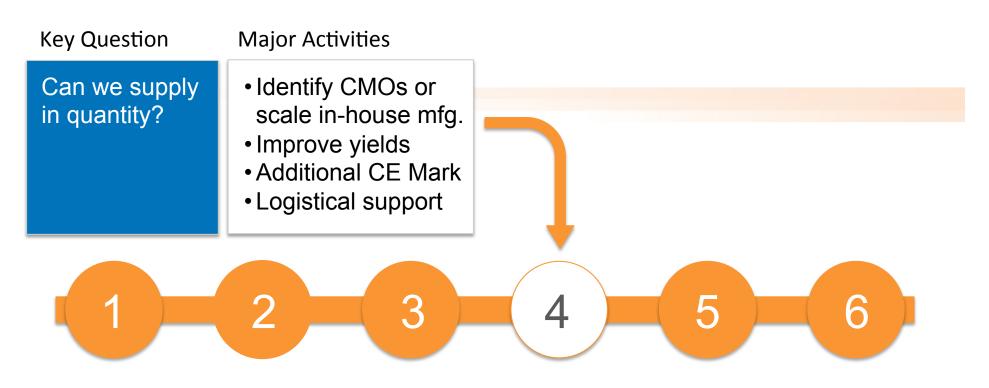
Building Clinical Data Set Post-CE Mark - Case Study





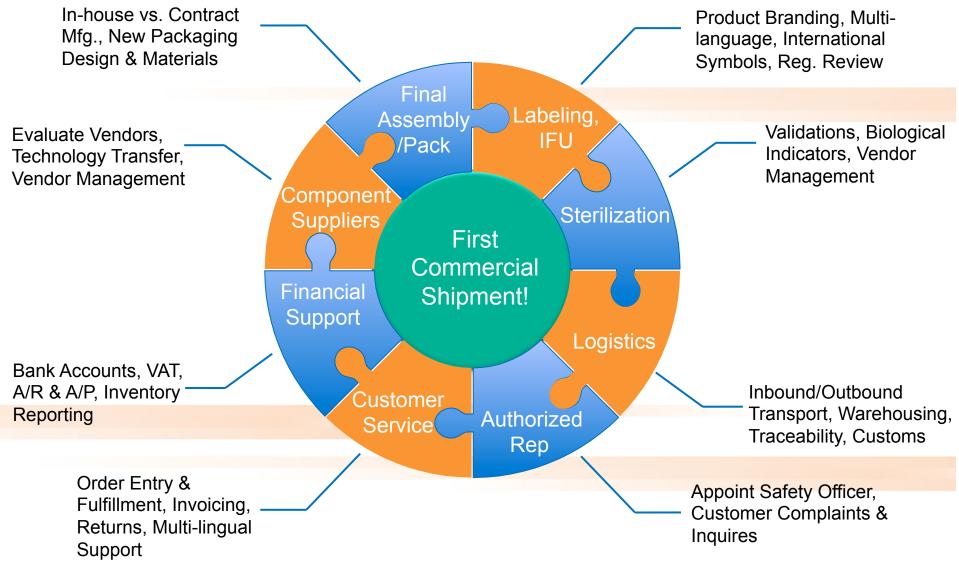
Supply Chain Scale-Up





- Making 50 is not the same as making 500 or 5,000!
- ✓ Weigh pros & cons of in-house vs. contract manufacturing
- Consider using EU-based contract manufacturers
- Limit number of partners must be profitable for them as well

Delivering Robust Product Supply Requires MEDCELERATE Time & Teamwork



Building Capable Supply Chain - Case Study



	Pre-CE Mark (Q1 2011)	Post-CE Mark (Today)
Manufacturing	 U.S. component mfgrs Adhesive, kitting & pack in CA Sterilization in CA 	 Product made in Ireland Adhesive production in NC Sterilization in Belgium EU Operations Director (Irish)
Labeling/IFU	English onlyGeneric labeling	 8 languages New branding, Venaseal[®]
Logistics	Non-existent	 NL distribution center (outsourced)
Authorized Rep	• Non-existent	• Emergo - NL
Customer Service	• Non-existent	• Multi-language call center - NL
Financial Support	• U.S. bank account	3 EU bank accountsIn-depth VAT analysis

Product Transformation



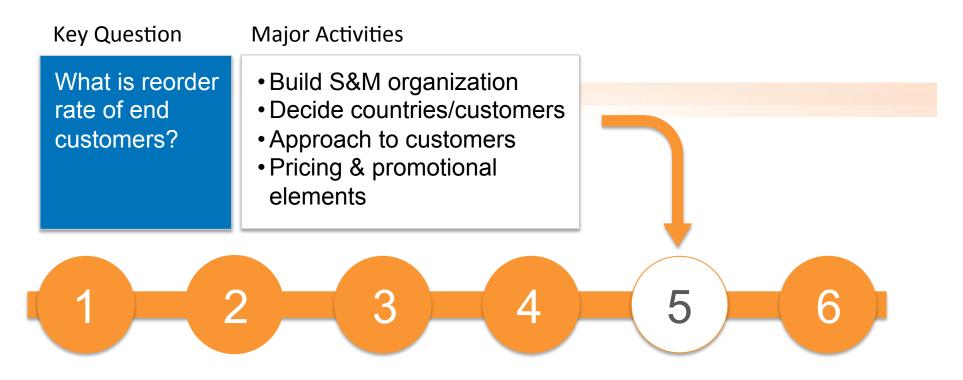






OUS Commercialization





- Start with basic question: "What are we trying to achieve?"
- Your exit potential heavily tied to account level product adoption
- ✓ Stay focused on limited number of countries/accounts
- Resist temptation to add new markets opportunistically

MEDCELERATE **Chasing Conflicting Commercialization Objectives Iterate Product Revenue and Reaching Design Based on Cash Flow Positive Clinical Experience Demonstrate Deep Substantiate Market Penetration in Select Potential Accounts** What is Most Important to Achieve? Conduct **Capture Competitive Randomized Trial to Market Share** Fine Tune U.S. Trial **Parameters Create Buzz with Collect Clinical Data KOLs & Potential** & Experience

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Acquirers

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Chasing Conflicting Objectives - Case Study



• Exit Year 1 with revenues >\$1M/month Maintain premium pricing Focus on deep penetration in accounts • "Go Big or Go Home!" ***** **** **Lessons Learned** Implementation Results · Objectives incompatible • Hired direct sales reps in UK & GER · Understand sales levers before Signed 18 distribution agreements Maintained premium pricing expanding geographically Engaged three GER sales agents Strong adoption by some KOLs · Set premium price with strict controls

Commercial Objectives

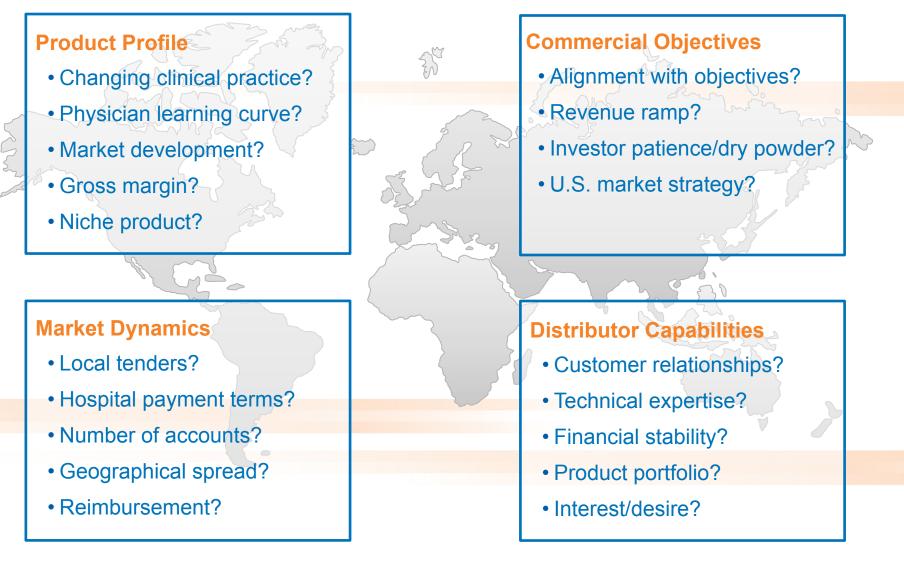
- Created strong buzz and awareness
- Exited year at 25% of revenue plan
- KOL support only part of story
- Driving adoption best done directly
- Adoption impacted by price, limited clinical data and ease-of-use

· Focused on large accounts

· Launched in 22 countries in 7 months

• Product positioning: Easy-to-Use

Deciding Approach to Customer: Distributors MEDCELERATE versus Direct Employees?



Distributor as Commercial Partner



- Case Study

Strategy

- Involved early in commercial planning
- Open and frequent communication to build trust
- Collaboration on programs aimed at our commercial objectives
- Open about company's progress towards major milestones
- Offered equity investment opportunity
- Joint visibility with KOLs

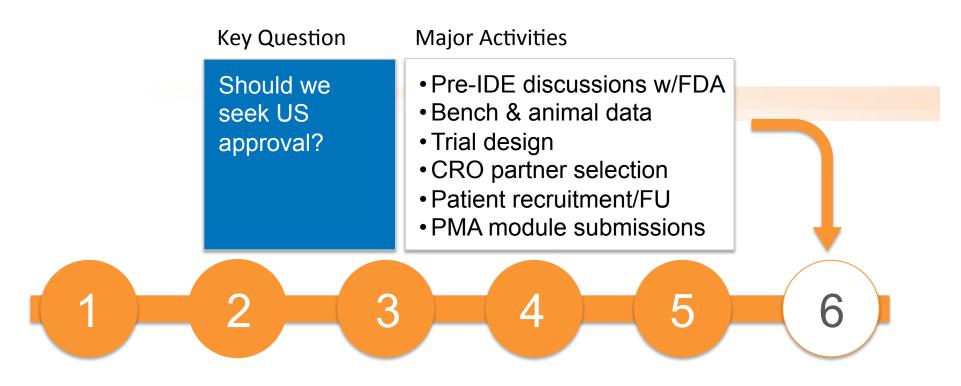
Results

- Remained with us during 10-month redesign effort
- Consistently achieved/exceeded quarterly sales targets
- Produced strong product adoption in key accounts
- Award for outstanding sales & clinical support performance, 2011



U.S. PMA Approval





- Expensive, time-consuming, potentially risky
- Enrollment will take longer than you project
- ✓ Strategic acquirers happy to stay on sidelines
- Assess investors' dry powder to reach PMA approval

Key Takeaways



- Focus on how technology will save HC system money from Day 1
- CE Mark does not mean you have product
- Clinical data, not revenues, should be initial focus
- Don't underestimate supply chain complexities
- Align commercial objectives, focus on few
- Validate sales levers before expanding "It's all about what happens at the account level"
- Have ability to see FDA trial to completion

GOOD LUCK!