

True Team Work- Inside and Out (of the CMO Relationship)

- Getting successful working teams is top on the list
 - Building Mutual Trust in team members
 - Team Fit Covering all the bases
 - Clear Ground Rules/boundaries- interactions to retain Trust
 - Emotional Intelligence of team members- sum of the parts. 4+4>8

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• Integrity



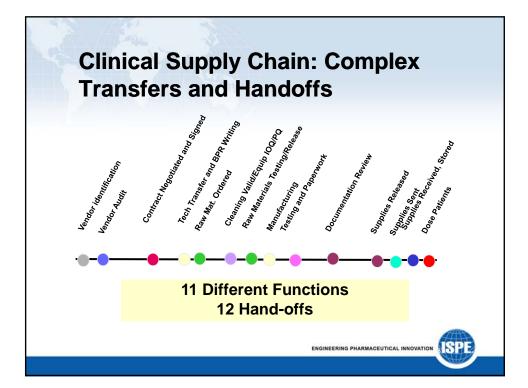
New Paradigm for Project Management Traditional Project Management Identifies critical paths Manages deliverables across Identifies critical points Collaboration with portnore to

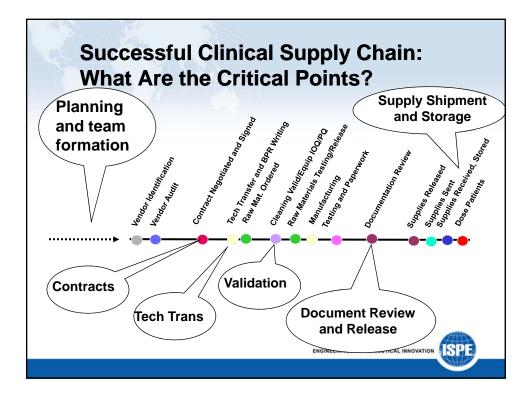
- Manages deliverables across linear timeline and to budget
- Controlling function
- Master of Gantt Charts
- Author of project minutes
- Minimizes chaos
- Manages communications and presentations around milestones
- Collaborates with partners to deliver to non-linear timeline and budget
- Motivating function
- Interpreter of Gantt Charts;
 White Board Cartoonist
- Keeper of Decision Trees
- Embraces chaos; removes obstacles

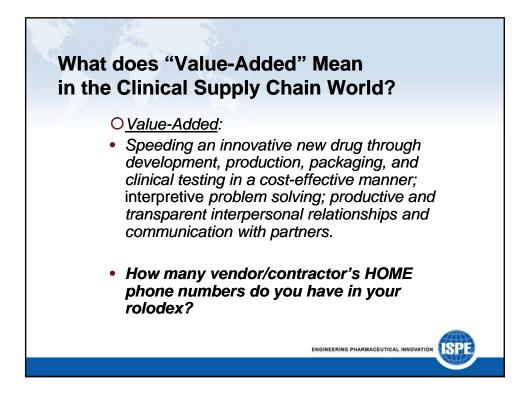
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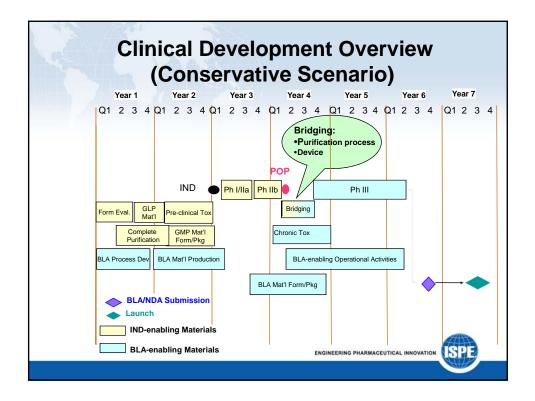
• CEO

MANAGES EXPECTATIONS especially around decision points









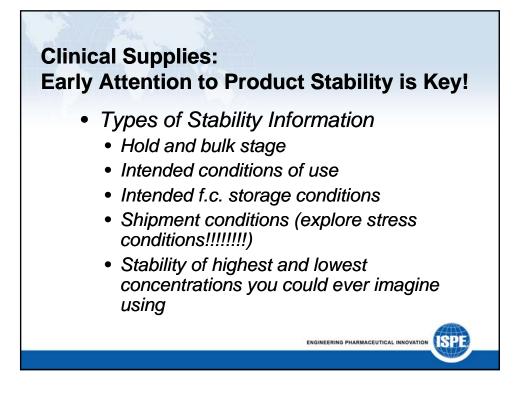


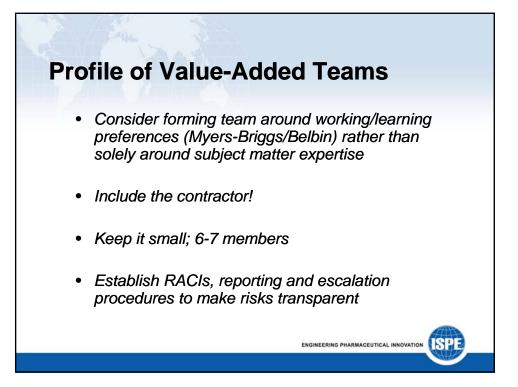
Essential Components of a Manufacturing Process Profile

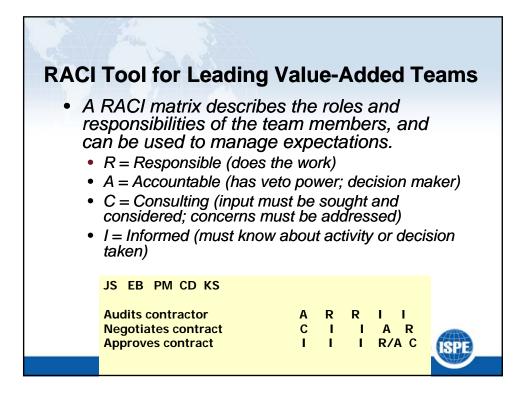
- Intended point(s) of use (US? Europe?)
- Schematic diagram of all process steps
- Sampling strategy/handling
- Which assays are performed when
- Which steps or operations are critical
- Definition of hold steps
- Definition of release criteria
- Description of stability-indicating assays and criteria
- Consideration of options/alternatives for special needs of project (limiting amounts of recombinant protein product)

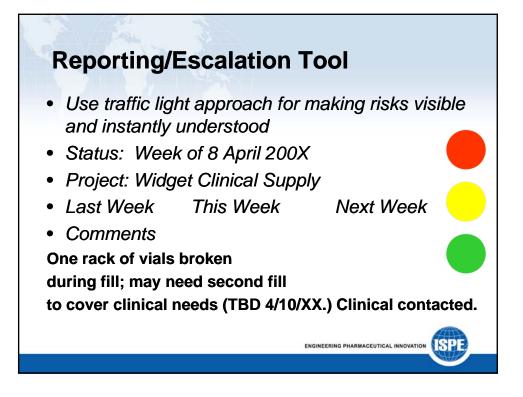
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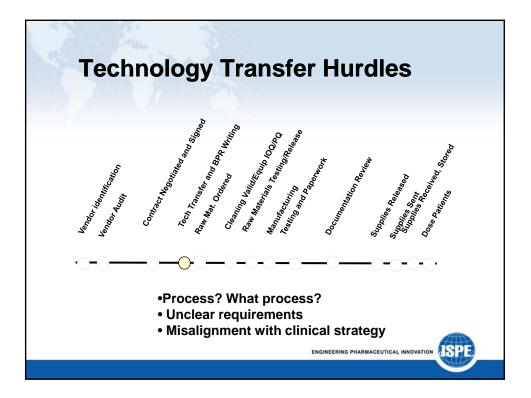


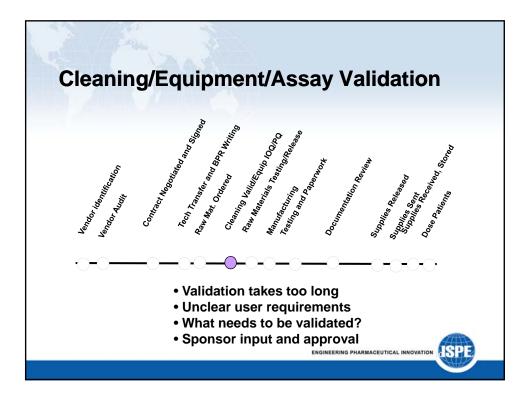


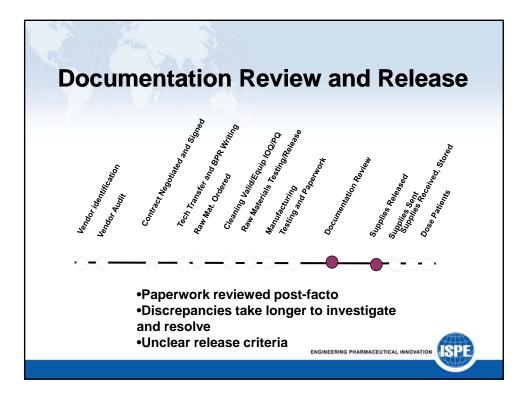


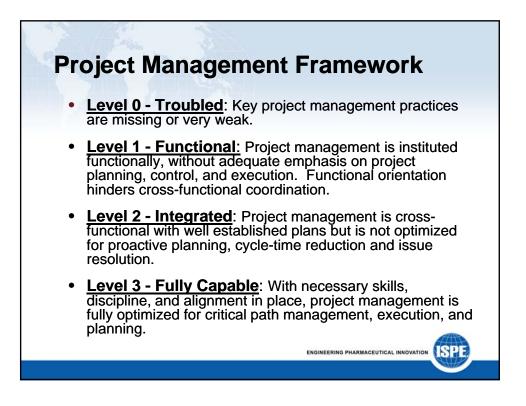












roject Management Elements	Sub-Elements	Level 0 Troubled	Level 1 Functional	Level 2 Integrated	Level 3 Fully Capable		
Project	Project Scope/Charter						
Definition	Segmentation Strategy						
	Product Specification						
	Cross-functional Team Structure						
	Performance Assessment						
Project	Project Team Meetings						
Organization	Roles & Responsibilities						
	Team Empowerment						
	Team Communication						
Project	Project Scope and Timing Evaluation						
Planning &	Short-Term Project Planning						
Scheduling	Long-Term Project Planning						
-	Cycle Time and Resource Planning						
	Project Scope Control						
Project	Design Change Process						
Control	Project Budget Management						
	Product Cost Management						
Risk/Critical	Risk Identification Risk Assessment						
Issue							
Management	Risk Containment						
(Validation)	Risk Tracking and Monitoring						
	Deliverable Completion Management						
Project	Issue Management (Post Validation)						
Management	Cross-functional Decision Making						
& Execution	Stage Gate Decision Making Efficiency						
	Major Deliverable Peer Review						
	Design Completion Progress Metrics						

Risk/Critical Issue Management (Validation Stage)

Elements	Level 0 Troubled	Level 1 Functional	Level 2 Integrated	Level 3 Fully Capable
Risk Identification	Critical issues are not translated into potential risks	Critical issues affecting any one function are identified as risks by that function No process exists for identifying risks cross- functionally	Critical issues are cross- functionally identified and translated into risks Individual functions may not agree on the impact to the project	The cross-functional team agrees on the critical issues and translates them into risks using a structured methodology Team members are comfortable identifying risks outside their functional areas
Risk Assessment	 Risks are not evaluated and prioritized 	Risks are evaluated and prioritized functionally	 Risks are evaluated and prioritized cross-functionally The impacts of each risk are understood cross- functionally and disseminated to the functional leaders that may be impacted 	 Risks are evaluated and prioritized cross- functionally Risks are categorized and given probabilities Risk impact on the organization is understood by all involved
Risk Containment	Risk containment is not considered an issue	Risks are managed functionally with limited input from cross-functional resources that would be impacted	Critical path alternatives are considered cross- functionally Contingency plans are put into place to minimize the impact on projects but may be difficult to finalize	Critical path alternatives consider the impact on other projects Containment strategies are implemented for out-of- control risks An interim phase review is called if necessary
Risk Monitoring and Tracking	Risks are only considered after they adversely impact the project	Risks affecting functional areas are monitored and tracked individually by functions	 Risk identification, assessment, and containment are done at regular intervals A process is in place to track progress against identified risks 	 Metrics are in place to track trisks from identification prioritization, and solution / containment Risks that may potentially impact other programs are communicated to the appropriate teams / functions

