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MEDTECH LUNCH & LEARN PROGRAM

Accelerate Innovation Across Your Product Life Cycle

Enhancing patient care through innovative medical devices and diagnostics is your mission. The pressing need to help more patients is never-ending. Yet, it's often difficult to stay current with the latest technology, regulatory changes and the most efficient ways of working to improve outcomes.

The MedTech Lunch and Learn program is designed to provide an informal introduction to the latest in scientific and engineering technology, digital transformation and proven efficiencies without ever leaving your workplace. **Let's Get Started.**

What You Can Explore

- Accelerate product development with virtual modeling and simulation
- Easily collaborate cross-functionally through digital continuity
- Effortlessly collect clinical evidence with a unified platform for patients, sites and sponsors
- Plan, schedule and operate more efficiently with 3D and intelligent technologies
- Seamlessly comply with quality regulations using a product data-driven approach
- And so much more…

Product Life Cycle Stage

- Product Development
- Clinical Research
- Quality & Regulatory
- Manufacturing & Supply Chain
- Commercialization

Easy Learning

- Select a Topic*
- Choose a Location, Date & Time
- Provide a Meeting Space (2 hours Max)
- Bring Your Colleagues
- We Provide Food & Expertise

Human-to-human conversations. No virtual meeting screens.

* Looking for a different topic? Ask us and we'll do our best to accommodate your request.

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PRODUCT DEVELOPMENT			
Topics			**Topic Description**
1.1	Multi-Discipline Engineering	Collaborate to build a holistic product definition	Experience why complex products are more and more requiring a single engineering referential, common release and change processes to improve operational efficiencies and traceability. Perform product lifecycle management across all stages of the product development cycle.
1.2	Mechanical Engineering	Develop safe and effective medical devices with collaborative design and simulation	Hear about the shift from a physical test development paradigm to a model-driven virtual approach to reduce product development time/cost and recall risk while improving patient outcomes.
1.3	Electromagnetics Engineering	Virtually validate the reliability, connectivity and performance of smart connected medical devices	Discover how to accelerate device validation, improve device connectivity and electromagnetic performance while improving device safety and certification using bio-models.
1.4	Human Modeling & Simulation	Improve patient outcomes and accelerate regulatory approval with realistic human modeling & simulation.	Learn how others are applying modeling and simulation to their product development processes to increase medical device effectiveness, minimize risk and accelerate regulatory approvals.
1.5	Model-Based Engineering	Improve validation and traceability with device requirements engineering and validation	Assess how to ensure medical devices meet all performance, quality, and compliance requirements by employing model-based requirements engineering while also reducing development time.
1.6	Sustainability Engineering	Enforce sustainability goals to design innovative devices with reduced environmental footprint	Explore ways to incorporate sustainability goals throughout the product design phases by using decision-making analytics and efficient life cycle assessment studies without compromising on product quality or patient safety.
1.7	Device Risk Management	Ensure patient safety by embedding risk management into medical device development	Learn how to more efficiently comply with ISO 14971:2019 as part of your risk and hazard management practices and bring safer devices to patients.

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CLINICAL RESEARCH			
Topics			**Topic Description**
2.1	Clinical Trial Platform	Manage your clinical trial in one place	Experience how a unified platform can transform your clinical research, accelerate study execution and turn your data into insights. Effortlessly connect patients, sites and sponsors with seamless user experiences built on a next-generation data architecture.
2.2	Clinical Data Management	Unlock the true power of your clinical data	Discover how quickly multi-sourced data can be integrated, transformed and analyzed to shorten timelines, reduce risks and ensure patient safety. Like never seen before, learn about transformative AI-powered data management and quality experiences.
2.3	Clinical Electronic Data Capture	Work smarter with the most advanced EDC	Learn why the first-of-its-kind Electronic Data Capture (EDC) solution supports all protocol designs and continues to add flexibility and scalability to run any study, regardless of size, stage or therapeutic areas. Eliminate complex, manual processes, reduce study build time, query volume, data correction rates, and more.
2.4	Clinical Healthcare Solutions	Reduce site burden and improve clinical data quality	See how a healthcare data engine can securely and compliantly acquire, transform, and exchange electronic health record (EHR) data from other systems (e.g., EHR, CTMS, eSource) and documents (e.g., lab values in a spreadsheet). Accelerate data entry, eliminate transcription errors, and reduce queries to enable sites to spend more time on higher-value research activities with their patients.
2.5	Clinical Site Engagement	Align site and patient needs for clinical trial success	Explore how to improve study start-up times and build patient-rich experiences with electronic Clinical Outcome Assessment (eCOA) technology that is revolutionizing the way sponsors, CROs, and sites collect electronic data from patients, physicians, and caregivers.
2.6	Clinical Patient Engagement	Transform study conduct to improve clinical trial experiences	Learn to continuously engage patients pre-trial, in-trial and post-trial with highly configurable tools designed for accelerated study builds, flexibility and ease of use.
2.7	Clinical Imaging Management	Advance your imaging management practices	Start learning how to compliantly collect and exchange images of any type, size or source, while automating edit checks, protocol checks and de-identification to reduce query rates.
2.8	Clinical Diversity	Build diversity in your clinical trials	Explore how to build diversity into every step of your clinical trial strategy from site selection and protocol design to decentralization and patient engagement.

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CLINICAL RESEARCH			
Topics			**Topic Description**
2.9	In Silico Clinical Trials	Improve your clinical trial success rates with AI and virtual twin technology	Join the movement from the FDA to encourage MedTech manufacturers to improve clinical trial success rates by using virtual twin or computer-based simulations and generative AI to safely predict the effects of devices or interventions on an entire virtual population.

QUALITY & REGULATORY			
Topics			**Topic Description**
3.1	Quality Execution	Innovate safe, effective products quickly while fully complying with regulatory requirements and reducing the total cost of quality	Learn new ways to manage “in process” quality assurance and control via a mobile and paperless defect identification and data acquisition system. Quality execution embeds and integrates quality into logistics and production workflows to simplify monitoring, remediation tasks and forward analytics.
3.2	Product Record Management	Improve audit readiness by automating the compilation of product records	Discover ways to effectively manage product records using a product data-driven approach as the single source of information. Generate Design History File (DHF) and Device Master Record (DMR) directly from the product data and more easily comply with regulatory requirements from different countries.

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MANUFACTURING & SUPPLY CHAIN			
Topics			**Topic Description**
4.1	Manufacturing Process Engineering	Effortlessly validate and document manufacturing processes	Learn about the 3D technologies that can immediately check and validate the manufacturing process to optimize operation efficiency, build detailed work-instructions and reduce impact of planning changes.
4.2	Standard Component Management	Deploy a sourcing process to increase product quality	Discover how to deploy a standard component management process designed to increase quality, reduce part proliferation and lead times, avoid risk of non-compliance and more.
4.3	Production Scheduling	Schedule resources and synchronize production flows on shop floors for on-time delivery	Explore how to quickly identify manufacturing bottlenecks and gain operational excellence across many different sites, manufacturing operations with dynamic and intelligent planning and scheduling.
4.4	Production Execution	Support end-to-end manufacturing execution & detailed traceability across shop floors	Get introduced to an operational excellence with improved visibility, control and synchronization of the end-to-end manufacturing process. More efficiently accelerate ramp-up of new products and responsiveness to production challenges across global operations whatever your manufacturing model.
4.5	Material Synchronization	Synchronize material flows to support Just-in-Time, Lean and other continuous process improvement initiatives	Discover how to tightly unify manufacturing with warehouse processes to perform activities, such as put-aways and cross-docking materials directly to and from production. Efficiency and operations performance is improved while removing idle inventory; monitoring and reporting activities ranging from the receipt of raw materials to the shipment of finished goods.

COMMERCIALIZATION			
Topics			**Topic Description**
5.1	Surgical Planning	Real-time collaboration for implantable device procedures	Explore how to seamlessly collaborate between medical device companies, implanters, and other healthcare providers to optimize surgery planning for complex devices and patient-specific surgical approaches in the most streamlined, efficient, and scalable manner.
5.2	Real World Data	Obtain real world insights for your clinical trials	Start linking patient Real World Data (RWD) after trial completion to collect data on long-term effectiveness and safety outcomes without adding burden to participants or sites.