

Erick Alexander

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SUMMARY

Supply chain and manufacturing leader with 12 years guiding **medical device** product introductions, lifecycle programs, **operations strategy**, and **global launch** execution. Connects R&D, Quality, Marketing, sourcing, planning, and manufacturing around launch milestones, resource decisions, commercial priorities, and long term supply continuity. Leads NPI project management from charter through supplier qualification, pilot builds, process validation, manufacturing handoff, scale up, and commercial launch. Brings practical experience with GMP regulated operations, ISO 9001 practices, risk assessments, make versus buy decisions, site selection, supplier transfer, value stream analysis, and enterprise supply planning. PMP and **Lean Six Sigma Black Belt** credentials support disciplined governance and process improvement. Builds capable teams, clarifies risks, and translates product strategy into executable plans that protect quality, timing, profitability, and supply readiness.

EXPERIENCE

Senior Manager, Supply Chain Launch

July 2022 - Present

Asterion Medical Devices

Wayne, Pennsylvania

Leads end to end supply chain execution for orthopedic device introductions, lifecycle programs, **manufacturing scale up**, supplier readiness, and global launch governance. Guides program leads and cross functional partners through design transfer, sourcing, capacity planning, quality readiness, production handoff, and launch decisions. Provides senior management with clear views of risk, resources, dependencies, timing, and supply continuity.

- Built launch governance for orthopedic devices, clarifying readiness evidence and critical path decisions.
- Led **make versus buy** reviews using capacity, cost, quality, continuity, and timing criteria.
- Established **scale up** plans covering tooling, **supplier qualification**, inventory, and global demand assumptions.
- Applied GMP, risk assessment, and ISO 9001 practices before **manufacturing handoff** and release.
- Coached program leads on risk framing, stakeholder communication, project discipline, and process simplification.
- Aligned **R&D**, Quality, Marketing, sourcing, planning, and manufacturing around launch milestones and resources.

Supply Chain Program Manager, NPI Operations

April 2019 - June 2022

Meridian Surgical Technologies

Exton, Pennsylvania

Managed NPI operations plans from **project charter** through supplier qualification, pilot builds, **process validation**, and commercial launch. Integrated engineering, Quality, sourcing, manufacturing, and planning schedules while developing business cases for capacity, sourcing, investment, supply risk, and demand. Mentored coordinators and engineers through structured problem solving and practical project controls.

- Managed **NPI** plans from charter through **pilot builds**, validation, supplier qualification, and launch.
- Integrated **R&D**, **Quality**, sourcing, manufacturing, and planning schedules to expose dependencies early.
- Created sourcing business cases balancing economics, investment, capability, demand, and supply risk.
- Facilitated VSM sessions that clarified ownership and removed avoidable launch handoffs.
- Presented schedule, cost, quality, and supply risks with recommended actions and decision dates.
- Mentored coordinators and engineers in structured problem solving and project controls.

Operations Project Manager, GMP Manufacturing

August 2016 - March 2019

Keystone Biologics Manufacturing

Collegeville, Pennsylvania

Delivered GMP manufacturing and supply initiatives across production, Quality, engineering, procurement, and materials. Developed charters, schedules, resource plans, and risk registers for process and **supply readiness** work. Coordinated controlled changes, assessed process capability and documentation, and prepared management updates that supported compliant execution and timely decisions.

- Delivered **GMP** manufacturing projects across production, **Quality**, engineering, procurement, and materials.
- Developed project charters, schedules, resource plans, and risk registers for readiness initiatives.
- Used Lean **Six Sigma** methods to investigate workflow constraints and establish practical countermeasures.
- Assessed process capability, documentation, capacity assumptions, and quality risks during readiness reviews.
- Coordinated controlled changes with traceable decisions and complete compliance documentation.
- Prepared management updates covering milestones, dependencies, resources, risks, and execution improvements.

Manufacturing Engineer, Regulated Production

June 2014 - July 2016

Pinnacle Health Manufacturing

Reading, Pennsylvania

Supported regulated **production operations** through process improvement, capability analysis, root cause investigation, standard work, and controlled change coordination. Partnered with Quality, Operations, technicians, operators, and suppliers on manufacturability, equipment, process flow, corrective action, and product change decisions. Built early experience connecting engineering choices with safe, reliable production.

- Improved regulated production workflows while preserving **quality**, safety, and schedule performance.
- Performed capability analysis and root cause investigations for throughput, yield, and schedule issues.

- Partnered with Quality and Operations on **risk assessments**, corrective actions, and controlled changes.
- Developed standard work and visual controls for assembly and inspection activities.
- Provided manufacturability, equipment, process flow, and supplier input to product changes.
- Coordinated engineering actions across technicians, operators, quality specialists, and suppliers.

PROJECTS

Global Orthopedic Launch Governance 📅 2025

Created an integrated governance model for orthopedic launches, connecting readiness evidence, supplier capacity, quality risks, inventory assumptions, and executive decisions across global operations.

Supplier Transfer and Scale Up Strategy 📅 2023

Developed a supplier transfer framework covering site assessment, make versus buy analysis, qualification, tooling, production readiness, and continuity planning for regulated products.

LEADERSHIP & AWARDS

- Project Management Professional certification recognized for disciplined delivery across complex supply chain and manufacturing programs.
- Lean Six Sigma Black Belt recognition supported process improvement, structured problem solving, and practical value stream analysis.
- Selected to coach program leads and engineers on risk framing, project controls, and cross functional execution.

EDUCATION

Bachelor of Science in Industrial Engineering

2014

Pennsylvania State University GPA: 3.5

University Park, Pennsylvania

Coursework: Supply chain management, manufacturing systems, quality engineering, operations research

CERTIFICATIONS

- Project Management Professional, PMP 📅 2021
- Lean Six Sigma Black Belt 📅 2020

TECHNICAL SKILLS

- **Supply Chain Planning:** Enterprise supply planning, demand planning, capacity planning
- **NPI and NPD:** New Product Introduction, New Product Development, lifecycle management
- **Project Management:** PMP, project charters, integrated schedules
- **Quality Systems:** GMP, ISO 9001, quality assurance
- **Process Improvement:** Lean Six Sigma, Value Stream Mapping, root cause analysis
- **Manufacturing Operations:** Production operations, manufacturing engineering, process validation
- **Supplier Management:** Supplier qualification, supplier transfer, supplier readiness
- **Strategic Sourcing:** Make versus buy, site selection, sourcing strategy
- **Risk Management:** Risk assessments, risk registers, corrective actions
- **Launch Readiness:** Readiness reviews, production readiness, global launch
- **Performance Measurement:** Capability analysis, throughput analysis, yield analysis
- **Financial Analysis:** Cost analysis, investment analysis, profitability analysis

SKILLS

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|-------------------------|--------------------------|----------------------|-------------------------------|
| • NPI | • Manufacturing Scale Up | • Risk Assessment | • Cross Functional Leadership |
| • NPD | • Launch Readiness | • Site Selection | • Value Stream Mapping |
| • LCM | • GMP | • Supplier Readiness | • Manufacturing Operations |
| • Supply Chain Strategy | • ISO 9001 | • Project Governance | |

PROFESSIONAL AFFILIATIONS

- Member, Project Management Institute, supporting project governance and continuing professional development.
- Member, Association for Supply Chain Management, engaging with enterprise planning and supply strategy practices.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST