

# OPERATIONAL EXCELLENCE

FOR LIFE SCIENCE  
ORGANISATIONS

## Training

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**Biomatics**

Optimisation and Transformation



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# OPERATIONAL EXCELLENCE TRAINING

Biomatics is excited to offer our Operational Excellence Training and Gap Analysis Service, designed for life science organisations. This programme equips your team with the skills and methods needed for operational excellence, enhancing efficiency and outcomes

At Biomatics, we recognise the distinct challenges in the life science sector, especially in developing new medicines and scaling sample processing. Our training tackles these issues directly, providing a clear path to operational excellence with proven strategies and practical tools.

# WHY OPERATIONAL EXCELLENCE MATTERS

- Operational excellence is essential in the high-stakes life science sector.
- Demands include efficiency, cost reduction, waste minimisation, and navigating complex processes and regulations.
- Adopting operational excellence optimises processes and streamlines operations.
- It enables faster delivery of life-saving treatments to market.
- Benefits include improved outcomes, enhanced agility, efficiency, and competitiveness in a rapidly evolving sector.



# TRAINING TO EMPOWER LIFE SCIENCE ORGANISATIONS

## The benefits to Your Staff and Organisation

Attending Biomatics' Operational Excellence Training offers numerous benefits to both your staff and your organisation as a whole:

- Your team members will be **empowered** to contribute to your organisation's success, actively fostering a sense of **ownership and engagement**.
- Participants will acquire valuable **skills in Lean and Six Sigma methodologies, process improvement, and change management**, enhancing their professional development and career progression.
- The training instils a **mindset of continuous improvement**, driving ongoing enhancements in processes, productivity, and quality.
- By optimising operations and reducing time to market for critical treatments, your organisation can gain a significant **competitive edge** in the life science sector.

# OPERATIONAL EXCELLENCE TRAINING COURSES

**Introduction to  
Operational Excellence :**  
What is it and why do it?

**Building a  
culture of  
Continuous  
Improvement:**  
Everybody  
Every day  
Everywhere

**OpEx in Life  
Science:**  
What, When  
Where, Why,  
How?

**Scaling up.**  
Practically  
applying  
Lean Six Sigma



# DELIVERY OPTIONS

For each training course Biomatics offer either a Virtual or Onsite delivery options depending on client's requirements and to meet attendees' specific needs.

All sessions run for 3 hours and can cater for between a minimum of 10 to a maximum of 25 attendees.

Full support material is provided including copies of the training materials, guides, and links to additional learning resources.



# AN INTRODUCTION TO OPERATIONAL EXCELLENCE

This is the first step in this transformative journey, providing the foundational knowledge and skills to make impactful changes.

For organisations aiming to lead in the highly competitive life science industry, and for individuals seeking to advance their careers and contribute meaningfully to their organisations this is an opportunity not to be missed.

## ORGANISATIONAL BENEFITS

- Streamlines processes for life science organisations, enhancing research efficiency, speeding up product launches, and improving workflows.
- Boosts product and service quality, crucial for meeting regulatory standards and staying competitive in the life sciences sector.
- Helps life science organisations reduce operational costs by identifying and eliminating inefficiencies.
- Lean Six Sigma supports compliance with strict regulatory standards in the life sciences industry through structured documentation and quality control.
- Improves customer satisfaction, quality, and delivery times, giving organisations a competitive advantage in the market.
- Principles promote a culture of continuous improvement, engaging employees in striving for operational excellence

## EMPLOYEE BENEFITS

- Participants gain transferrable skills in problem-solving and data analysis, highly valued in the life sciences sector.
- Lean Six Sigma knowledge can lead to career growth, opening opportunities for leadership in project and process management.
- Training equips individuals with systematic problem-solving skills applicable in professional and personal situations.
- A Lean Six Sigma White Belt showcases an individual's dedication to quality and efficiency to employers.
- Training empowers individuals to drive meaningful changes, fostering a sense of ownership and job satisfaction.
- Training offers networking opportunities, connecting professionals interested in process improvement for collaboration.

# OPERATIONAL EXCELLENCE IN LIFE SCIENCE

## What? When? Where? How & Why?

The course begins by delving into the critical importance of operational excellence in the context of life sciences. It highlights how operational excellence can streamline operations, improve outcomes, and reduce time to market, providing a compelling case for its adoption in the life science sector.

### What to do first...and then next

- Define the aspirational goal, objectives and KPIs and confirm the current position.
- Secure leadership support – a top-enabled, team-led approach.
- Start small and build from proof of concepts.

### Why Operational Excellence Matters

- ATMPs hold promise in treating previously untreatable diseases.
- Challenges include complex manufacturing and regulatory hurdles.
- Operational excellence optimises processes and streamlines operations.
- Benefits include improved patient outcomes and reduced time to market.

### How to achieve Operational Excellence

- Understand and adopt Lean Six Sigma principles and methodologies.
- Empower all team members to contribute.
- Utilise tools like process mapping, kaizen and 5S.
- Develop a culture of continuous improvement.



# SCALING UP YOUR ORGANISATION

## Practically applying Lean Six Sigma

This dynamic training is designed specifically for organisations within the life science sector looking to scale operations effectively while maintaining quality of their offerings. This course provides a deep dive into the practical application of Lean Six Sigma methodologies, a proven approach to operational excellence, tailored for the unique challenges and opportunities presented within life science.

### How do you measure success?

- Outcome measures.
- Process measures.
- Balancing measures



### How to get started?

- Strategic alignment.
- Engage.
- Equip.
- Empower



### What does scaling up look like through a Lean Six Sigma Lens?

- Manufacturing processes.
- High-performing teams.
- Supply Chains, Collaborations and Partnerships.



### What is Lean Six Sigma?

- What's the difference between the two elements?
- Why use it?
- Who else uses it?



# **BUILDING A CULTURE OF CONTINUOUS IMPROVEMENT**

**Everybody, every day, everywhere.**

In today's fast-paced and competitive business environment, particularly within the life science sector, the ability to continuously improve is not just an advantage but a necessity. "Building a Culture of Continuous Improvement - Everybody, Every Day, Everywhere" is a specialised training course offered by Biomatics, designed to embed a sustainable culture of improvement within organisations.

This course recognises that true operational excellence extends beyond methodologies and tools, and is rooted deeply in the mindset and daily practices of every team member across all levels of an organisation.

- **What does this mean?**
- **Why does it matter?**
- **Typical barriers to successful development.**
- **Creating optimal conditions.**
- **Gauging success.**
- **Sustaining, accelerating and amplifying**

# ADDITIONAL TOPICS AVAILABLE

## Other topics available on request:

- Value stream mapping – an end-to-end organisational focus
- 5S at scale (non-lab)
- Diagnostic check-in – how to know where you are with Operational Excellence
- Creating a high-performing team
- Leadership and culture to drive technology effectiveness.
- Choosing the ‘right’ CDMO
- Data-driven decision making
- Understanding the ‘grey’ in a highly regulated environment
- Effective collaboration – everyone wins
- Moving to commitment from compliance
- Supply chain optimisation
- Succession planning – keeping and growing your talent



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