



# Health Economics and Innovation in Healthcare Systems

المدة: 10 يوم

اللغة: ar

كود الكورس: IND5 - 182

## هدف الكورس

:By the end of this course, participants will be able to

- .Analyse healthcare financing models and economic drivers influencing policy decisions •
- Conduct cost-benefit, cost-effectiveness, and health technology assessments to support •  
.decision-making
- Identify key enablers and barriers to healthcare innovation across organisational, •  
.regulatory, and technological dimensions
- Apply leading change management frameworks to real-world healthcare transformation •

- .scenarios
- Develop integrated economic and innovation strategies for long-term healthcare •
- .sustainability
- .Understand the ethical implications of resource allocation in public health decision-making •
- Critically evaluate international case studies on successful healthcare innovation and •
- .reform

## الجمهور

:This course is ideal for

- .Healthcare managers and hospital executives •
- .Health economists and financial analysts •
- .Public health leaders and policymakers •
- .Innovation officers in healthcare organisations •
- .Clinical leaders involved in healthcare improvement •
- .Academics and researchers in health systems and policy •
- .Professionals in pharmaceutical, biotech, medtech, and digital health sectors •

## منهجية التدريب

The course utilises a blended learning approach combining expert-led lectures, interactive case discussions, healthcare simulation exercises, group problem-solving workshops, real-world economic modelling tasks, policy analysis scenarios, and peer-to-peer exchange of best practices. Participants will engage with both theoretical concepts and practical tools through a combination of lectures, industry guest speakers and research-based projects

## الملاخص

Healthcare organisations worldwide are facing unprecedented pressures: rising costs, demographic shifts, chronic disease burdens, and rapidly evolving technologies. To navigate these challenges, professionals must master both the economic principles that govern resource

.allocation and the innovation strategies that drive transformative change

This course offers a deep interdisciplinary dive into health economics, innovation management, and organisational change within healthcare systems. Through evidence-based frameworks, case studies, and applied exercises, participants will learn how to assess healthcare interventions economically, manage large-scale transformation projects, and foster an innovation-ready culture within healthcare organisations

The course uniquely combines theoretical foundations with practical applications to prepare participants for leading sustainable, efficient, and patient-centred healthcare reforms

## محتوى الكورس والمخطط الزمني

### **Section 1: Foundations of Health Economics in Healthcare**

- .The fundamentals of economic theory applied to health systems •
- The nature of healthcare as a non-traditional market (market failures, government •
  - .(intervention, and public goods
- .Demand and supply of healthcare services; elasticity of healthcare demand •
- The role of uncertainty, information asymmetry, and moral hazard in health insurance •
  - .systems
- Pricing mechanisms and reimbursement models (fee-for-service, capitation, bundled •
  - .(payments, value-based care
- Macroeconomic implications of health sector spending: GDP relationships and global health •
  - .financing trends

### **Section 2: Cost-Effectiveness, Prioritisation & Resource Allocation**

- .Decision-making under budget constraints: economic tools for healthcare priority setting •
  - :Economic evaluation methods •
    - .(Cost-minimisation analysis (CMA .1
    - .(Cost-effectiveness analysis (CEA .2
    - .(Cost-utility analysis (CUA .3
    - .(Cost-benefit analysis (CBA .4
- Measurement and interpretation of QALYs (Quality Adjusted Life Years) and DALYs •
  - .((Disability Adjusted Life Years
- .Budget impact analysis for policy implementation •
- Case studies on economic trade-offs: rare diseases, high-cost cancer therapies, public •

- .(health interventions (e.g. vaccination campaigns vs. hospital investments
  - .Political, social, and ethical dimensions of healthcare rationing •

### **Section 3: Innovation Drivers and Trends in Healthcare**

- Defining innovation in healthcare: clinical, organisational, business model, and process •
  - .innovations
  - :Emerging trends •
- Artificial Intelligence (AI) in diagnosis, treatment optimisation, and predictive analytics .1
  - Telemedicine and remote care models .2
  - Wearables, biosensors, and personalised medicine .3
  - Blockchain for health data security .4
  - Robotics and automation in surgery and elder care .5
- The role of government policy in fostering innovation: subsidies, incentives, regulatory •
  - .frameworks
- Challenges of scaling innovations: pilot project failures, interoperability barriers, funding •
  - .gaps
  - .Industry-academic partnerships and innovation ecosystems •
- Comparative innovation models: Silicon Valley vs. Nordic health systems vs. NHS •
  - .Innovation Hubs

### **Section 4: Managing Organisational Change in Healthcare**

- .The anatomy of complex healthcare systems as dynamic, adaptive organisations •
  - :Organisational change theories •
- (Lewin's Three-Step Model (Unfreeze - Change - Refreeze .1
  - Kotter's 8-Step Change Model .2
  - McKinsey's 7S Framework .3
- (ADKAR Model (Awareness, Desire, Knowledge, Ability, Reinforcement .4
- Stakeholder mapping and engagement strategies: physicians, nurses, administrative staff, •
  - .patients, insurers, regulators
  - .Communication strategies during change implementation •
- Leading cultural transformation: psychological safety, resilience, continuous learning •
  - .culture
- .Managing burnout, resistance, and emotional dynamics during healthcare change •
- .Digital transformation change readiness: digital maturity models for healthcare •

## **Section 5: Integrating Economics, Innovation, and Change for Sustainable Healthcare**

- .Strategic alignment of cost-efficiency with innovation adoption •
  - :Building value-based healthcare delivery models •
    - Outcomes-based contracting .1
    - Shared savings programs .2
    - Pay-for-performance systems .3
- Calculating Return on Investment (ROI) for innovation projects in healthcare •
  - :Global healthcare reform case studies •
    - NHS England's Innovation Accelerators .1
    - (Accountable Care Organisations (USA .2
    - Singapore's health financing reforms .3
  - Rwanda's successful low-resource health system innovations .4
- The role of international organisations: WHO, OECD, World Bank in promoting global health •
  - .innovation
- Future visions: Sustainable Development Goals (SDGs), universal health coverage, climate •
  - .change and health economics, health equity frameworks
- .Ethical leadership in balancing financial stewardship with population health outcomes •

### **تفاصيل الشهادة**

Upon successful completion of this training course, delegates will be awarded a Holistique Training Certificate of Completion. For those who attend and complete the online training course, .a Holistique Training e-Certificate will be provided

Holistique Training Certificates are accredited by the British Accreditation Council (BAC) and The CPD Certification Service (CPD), and are certified under ISO 9001, ISO 21001, and ISO 29993 standards.

CPD credits for this course are granted by our Certificates and will be reflected on the Holistique Training Certificate of Completion. In accordance with the standards of The CPD Certification Service, one CPD credit is awarded per hour of course attendance. A maximum of 50 CPD credits can be claimed for any single course we currently offer.

## مقالات ذات صلة



### أهم معايير الجودة في المستشفيات والمراكز الصحية وأهميتها

تعتبر معايير الجودة في المستشفيات والمراكز الصحية من الركائز الأساسية لضمان تقديم رعاية صحية متكاملة وآمنة للمرضى. في ظل التحديات المستمرة التي يواجهها قطاع الرعاية الصحية، من تزايد أعداد المرضى إلى التطور السريع في التكنولوجيا الطبية، يصبح الالتزام بمعايير الجودة أمراً حيوياً لتحقيق التميز والكفاءة في تقديم الخدمات الصحية.