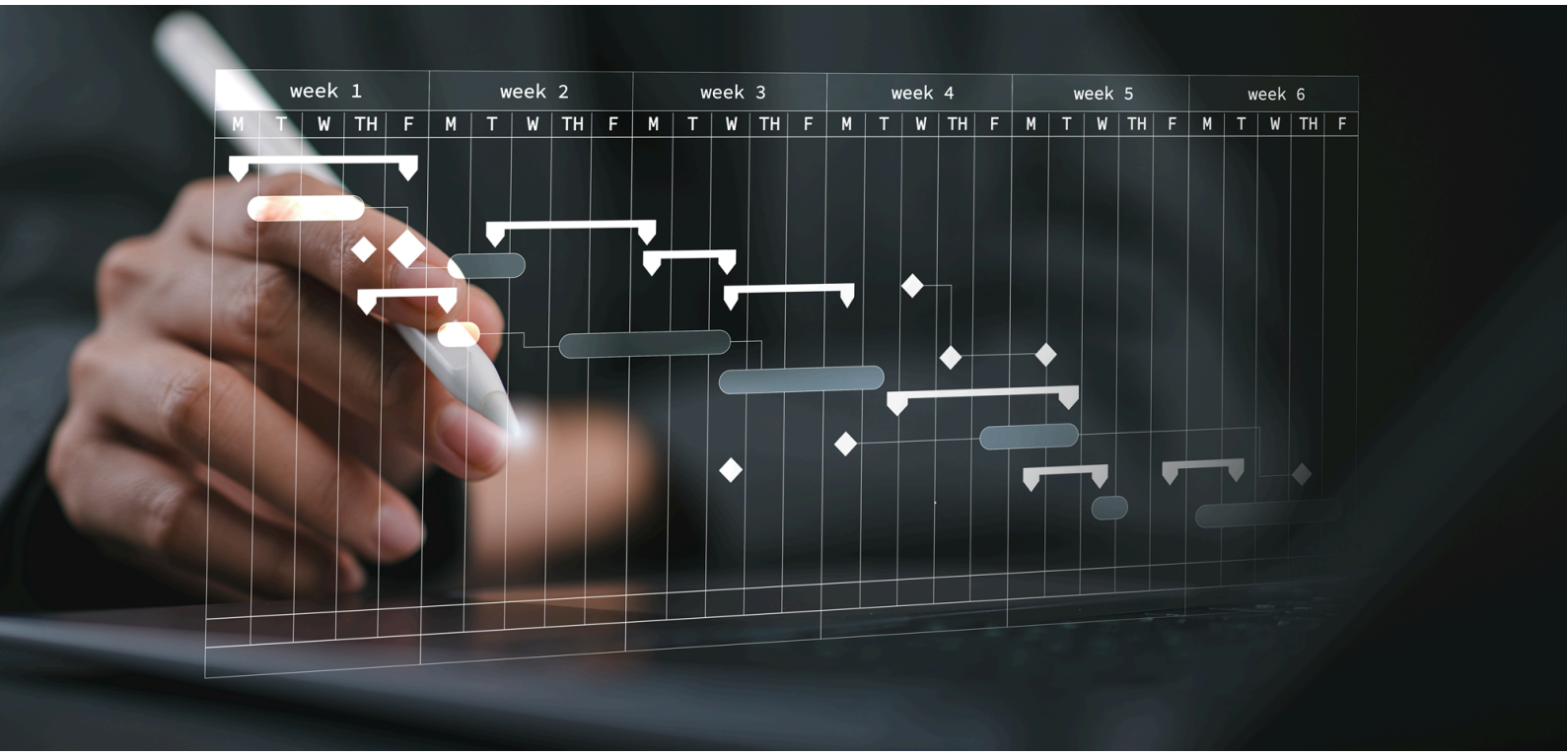
IPI Academy

MANAGEMENT forum



Presented by
Management Forum

AI in Healthcare: Governance, Risk & Strategic Adoption

9 March 27
+ 21 September 27

This course explores how AI is transforming healthcare and the governance, regulatory, and risk frameworks needed to ensure responsible, compliant, and ethical adoption.

Format:
Live online

CPD:
6 hours for your records

Certificate of completion

Course overview

AI tools are already influencing patient care: flagging risks, reading scans, drafting notes, prioritising resources. But while adoption accelerates, the governance, regulatory, and risk frameworks around healthcare AI are still catching up. So, who approves an AI tool for clinical use? Who is liable when it fails? How do you ensure compliance with evolving regulations?

'AI in Healthcare: Governance, Risk & Strategic Adoption' is a one-day course designed for professionals in healthcare governance, compliance, legal, regulatory, risk management, and senior leadership roles. No technical background required.

The course builds a practical understanding of AI before diving into what matters most for oversight roles: the regulatory landscape, algorithmic bias and health equity, liability and accountability, institutional governance structures, due diligence, and strategic adoption planning.

The day begins with core AI concepts, demystifying terms like machine learning, natural language processing, and large language models in plain, clinically relevant language. From there, participants explore real-world applications across the care continuum: AI-driven risk stratification and screening in preventive medicine, diagnostic support in radiology and pathology, clinical decision support at the bedside, and intelligent workflow tools that reduce administrative burden.

A dedicated session addresses the critical issues of bias, equity, data privacy, and the ethical responsibilities that come with algorithmic medicine. Participants will engage in exercises evaluating AI tools, interpreting model outputs, and identifying when to trust and, importantly, when to question algorithmic recommendations.

The course closes with a forward-looking discussion on emerging trends, regulatory frameworks, and strategies for integrating AI responsibly within healthcare systems.

Benefits of attending

By attending this course, delegates will:

- **Gain** a clear understanding of AI applications in healthcare and the implications for governance, compliance, and risk oversight
- **Understand** the evolving regulatory, legal, and ethical landscape surrounding AI in healthcare, including accountability, liability, and data protection obligations
- **Learn** how to critically assess AI tools and vendor claims to support informed approval, procurement, and oversight decisions
- **Grasp** the risks associated with healthcare AI, including algorithmic bias, patient safety, explainability, and equity concerns
- **Identify** practical strategies and governance frameworks to support the responsible, compliant, and strategic adoption of AI across healthcare organisations

Who is this training for

This course is designed for professionals involved in the governance, regulation, oversight, and strategic implementation of AI in healthcare, including:

- Healthcare compliance and governance professionals
- Legal and regulatory specialists in healthcare organisations
- Risk managers and patient safety leads
- Data protection officers and information governance professionals
- Hospital executives, senior managers, and board members
- Digital transformation and health informatics leaders
- Policy makers and advisors involved in healthcare regulation and strategy

Programme

Welcome & foundations of AI

Objective: Build a shared vocabulary and conceptual foundation.

- What is Artificial Intelligence? Defining AI, machine learning, deep learning, and generative AI
- Key terminology made clinical: algorithms, training data, models, neural networks, natural language processing, large language models
- A brief history: from rule-based expert systems to modern deep learning
- How AI 'learns' - supervised, unsupervised, and reinforcement learning explained through medical examples (e.g., training a model to detect diabetic retinopathy)
- Common myths vs. reality: what AI can and cannot do today
- Interactive element: Quick poll/quiz - 'Is this AI?' (participants classify real health system scenarios)

AI in prevention & early detection

Objective: Understand how AI supports upstream, preventive care.

- Population health analytics: identifying high-risk patients before they deteriorate
- AI-powered screening tools: AI for breast cancer detection, retinal scans for diabetic complications, skin lesion analysis
- Predictive models for hospital readmission, sepsis risk, and cardiovascular events
- Genomics and precision prevention: AI in interpreting genetic risk profiles
- Wearables and remote monitoring: how continuous data streams feed AI models for early warnings
- Discussion: What preventive AI tools are already in use?

AI in diagnosis & clinical decision support

Objective: Explore AI's role as a diagnostic partner at the point of care.

- AI in medical imaging: radiology, pathology, dermatology, ophthalmology
- Clinical decision support systems (CDSS): from drug interaction alerts to differential diagnosis assistants
- AI as augmentation, not replacement for the physician
- Understanding model performance: sensitivity, specificity, false positives/negatives: what you need to know to evaluate claims
- Case study & Hands-on exercise: Participants review a simulated AI diagnostic output and discuss whether they would trust, modify, or override the recommendation

Algorithmic bias, health equity & ethical governance

Objective: Understand how AI can perpetuate or reduce health inequities, and the ethical obligations of oversight bodies.

- How bias enters AI systems: data bias, label bias, selection bias, and feedback loops
- Real-world examples of AI bias in healthcare
- Health equity as a governance priority: why fairness is not optional
- Ethical frameworks for healthcare AI
- Transparency and explainability
- Informed consent in the age of AI
- Ethical obligations around generative AI: clinical documentation, patient communication, and misinformation risk
- Scenario exercise: Participants review an AI tool's validation data and assess it for equity concerns

Institutional governance & oversight structure

Objective: Design effective governance frameworks for AI within healthcare organisations

- Building an AI governance committee
- The AI lifecycle from a governance perspective: procurement, validation, approval, deployment, monitoring, and decommissioning
- Developing institutional AI policies: data governance, transparency requirements, and clinician override protocols
- Ongoing monitoring: incident reporting
- Staff training
- Exercise: Each participant identifies three priorities for strengthening AI governance

Presenter



Catarina Carrao

Catarina Carrão is the founder of BioSciPons, a life sciences research organisation specialising in health technologies clinical development, evaluation and assessment, with expertise in AI/ML-enabled technologies. She co-ordinates expert teams to bridge the gap between innovation and regulatory compliance, helping developers navigate complex requirements while meeting the expectations of Notified Bodies and the FDA.

Catarina's academic background includes a Marie-Curie Fellowship at Charité Berlin, and Postdoctoral Fellowship at Yale's University Cardiovascular Research Center. She is a Fellow of the American Heart Association (FAHA) since 2013, Delegate of the European Society of Cardiology (ESC), and Professional member of the Health Technology Assessment International (HTAi) organization. She is an expert for the European Commission HaDEA on clinical investigations and Digital Health Technologies, and for the European Innovation and Technology (EIT) Council Health Cluster.

She has presented at RAPS Euroconvergence, the ESC Digital & AI Summit, and DIA Europe on AI/ML medical device regulation, post-market monitoring, and reimbursement pathways. Her recent publications include book chapters and articles on machine learning best practices, AI trustworthiness, and EU MDR/IVDR clinical evaluation.

Course dates

9 March 27	**Live online** 09:00-17:00 **UK (London)** (UTC+00) *Course code 16915*	GBP **649** ~~749~~ EUR **909** ~~1,049~~ USD **1,043** ~~1,199~~ **Until 12 Jan**
21 September 27	**Live online** 09:00-17:00 **UK (London)** (UTC+01) *Course code 17344*	GBP **649** ~~749~~ EUR **909** ~~1,049~~ USD **1,043** ~~1,199~~ **Until 27 Jul**

How to book

Online:
ipi.academy/3275

Alternatively contact us to book, or if you have any queries:

Email:
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Phone:
+44 (0)20 7749 4749

Discounts

- Booking more than one delegate on any one date qualifies for a **30% discount** on the second and subsequent places.
- Most events qualify for an **early booking discount** prior to 6 weeks before the course date. Be sure to check on our website, where the latest discounts will be shown.

Further information

Fee
The fee includes all meals and refreshments for the duration of the course (for venue-based courses) and a complete set of course materials (provided electronically). If you have any particular requirements, please advise customer services when booking.

Please note
IPI Academy (and our training partners) reserve the right to change the content and timing of the programme, the speakers, the date and venue due to reasons beyond their control. In the unlikely event that the course is cancelled, we will refund the registration fee and disclaim any further liability.

Terms and conditions
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Coming to IPI Academy for your in-house training provides an all-inclusive service which gives you access to a wide variety of content, learning platforms and delivery mechanisms as well as your own personal training adviser who will work with you from the initial enquiry through to feedback and follow-up after the programme.

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IPI Academy

IPI Academy is a training initiative of Falconbury and Management Forum; leading providers of industry training for over 30 years, based in the UK.

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