IPI Academy

MANAGEMENT forum

Presented by
Management Forum

An Introduction to Pharmaceutical Packaging

30 September-2 October 2025

This course provides an essential overview of pharmaceutical packaging and will be valuable for newcomers to this field. It will also act as a good refresher for those with more experience.

Format:
Live online

CPD:
12 hours for your records

Certificate of completion

Course overview

Gain crucial insights into the unique issues and challenges of pharmaceutical packaging to ensure product safety, compliance, and market success.

Effective packaging of pharmaceutical and healthcare products is critical not only for maintaining product integrity and safety but also for regulatory compliance and market acceptance. Packaging serves multiple functions beyond containment, including protection from environmental factors, ensuring product stability, and providing essential information to healthcare providers and patients. Understanding the intricacies of pharmaceutical packaging is vital for professionals involves in drug development, manufacturing, regulatory affairs, quality control, and logistics.

This introductory course is designed to equip delegates with a foundational understanding of pharmaceutical product packaging. It begins with a comprehensive regulatory overview, ensuring participants grasp the essential requirements and compliance standards governing pharmaceutical packaging. The programme also delves into crucial topics such as the selection of packaging materials, considerations for compatibility and stability (including ICH testing and extractables/leachables studies), and the role of packaging in new product development.

Additional topics include:

- Pharmaceutical packaging formats and materials available - advantages and applications
- Trade and transit requirements
- Environmental considerations
- Artwork design essentials
- Specialised areas - child-resistant closures and tamper-evident packaging

By the end of the course, participants will gain a comprehensive understanding of the key aspects of pharmaceutical packaging, enabling them to contribute effectively to the successful packaging of pharmaceutical packaging, enabling them to contribute effectively to the successful packaging of pharmaceutical products within their organisations.

Benefits of attending

- **Gain** a useful insight into packaging component and material selection
- **Learn** key properties of various packaging materials/systems
- **Appreciate** pack testing and evaluation
- **Better understand** packaging component specifications
- **Hear about** printing processes and controls
- **Acquire** knowledge on artwork generation and control
- **Ensure** that you comply with the regulatory requirements
- **Learn** about transit packaging
- **Consider** trade/supply chain requirements

Who should attend?

Whether you are new to the industry, have a basic understanding of pharmaceutical packaging or are more familiar with the area but looking for a refresher, this course will provide you with valuable knowledge and insights from an expert who has worked in the field for more than 25 years.

Those who would benefit from attending include:

- Account managers
- Artwork producers
- Auditors
- Business developers
- Clinical trial suppliers
- Logistics personnel
- Packaging design/labelling personnel
- Project managers
- Purchasers
- Quality assurance and control personnel
- Regulatory personnel
- Suppliers to the industry
- Technical writers

Programme

Day 1

NPD process

The role of pharmaceutical packaging

Regulatory and GMP Requirements

- Agencies, guidelines and legislation
- Dossier requirements
- International Conference on Harmonisation (ICH)
- Common Technical Document (CTD)
- Summary of Product Characteristics (SmPC)
- Differences between submissions in the EU and USA
  - Bar coding (briefly) – EAN, 2D – datamatrix, QR
  - Counterfeiting and product security
  - Drug Quality and Security Act
  - Falsified Medicines Directive (FMD)

Product security and emerging pharma legislation

Choice of pharmaceutical packaging

- Compatibility and ICH testing
- Testing and evaluation
  - Extractables and leachables

Pack testing and evaluation - ICH

ICH testing

- Stability testing
- Functionality testing

Special climatic conditions

Secondary and tertiary packaging materials Part 1

- Print processes
- Labels

Special aspects of pharmaceutical packaging

Day 2

ICH testing continued.

- Extraction/migration studies
- Leachables, Extractables & Toxicological Issues
- Case Study
- The EU Perspective
- The FDA Perspective: USP <661>

Key properties of various primary packaging materials Part 1

- Glass
- Plastics (part 1)

Primary packaging materials Part 2

- Plastics (part 2)

Primary packaging materials Part 3

- Plastics (part 3)
- Sachets
- Blisters
- Tubes

Day 3

Primary packaging materials Part 4

- Closures
- Active packaging
- Aerosols

Secondary and tertiary packaging materials Part 2

- Leaflets
- Cartons
- Trade/supply chain requirements
- Specifications
- Environment and sustainability

Trade / transit requirements

Interactive session (Case study: group exercise & feedback)

Takeaway and key messages

Presenter

Chris Penfold

Chris Penfold is an experienced Freelance Packaging Development Specialist and Consultant; a self-motivated, achievement oriented, confident and creative leader with a proven track record in general and technical management. He is a packaging professional with over 25 years packaging development and NPD experience working on £million-brands in the OTC, healthcare and Rx pharma arenas for 'blue-chip' multinational companies such as Glaxo (GSK), CIBA (Novartis), Boots Healthcare and Reckitt Benckiser Healthcare.

He is an MBA graduate and Chartered Marketer with extensive cross-functional experience in a broad spectrum of related disciplines, including marketing, supply chain, QC and production. An 'International Player' with experience working in various European countries, Middle East, North America and extended business trips to the Far East. Underpinned by proven interpersonal skills, the ability to make things happen and experience gained from independent international consultancy projects and running his own business, Design Cognition Ltd.

Course date

30 September-2 October 2025 Live online

09:00-16:45 **UK (London)** (UTC+01)

Course code 14945

GBP **1,599** ~~1,899~~
EUR **2,239** ~~2,659~~
USD **2,571** ~~3,039~~

Until 26 Aug

How to book

Online:
ipi.academy/2287

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

Email:
info@ipiacademy.com

Phone:
+44 (0)20 7749 4749

Discounts

- Booking more than one delegate on any one date qualifies for a **15% 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
The rest of the our terms, the event cancellation policy and the terms and conditions are on our website, please visit ipi.academy/content/terms-and-conditions

Reviews

★★★★☆

Really good. Very thorough. Well constructed in a way that allows the presentation to be used as a reference doc later. The speaker was excellent.

David Bellars
Supply Chain Manager
Cycle Pharmaceuticals Ltd
May 20 2024

★★★★★

Really enjoyed it. Thought it was well presented and clearly explained by Chris. I would recommend this course to others. Good pace and the information was clearly delivered.

Andy Borg-Myatt
Artwork Specialist
Kyowa Kirin International
Jan 31 2023

★★★★☆

Very informative course with lots of training material

Sanna Sutinen
Specialist, Quality Systems
FinVector Oy
Jan 31 2023

★★★★☆

Webinar was very good and informative. It gave a very good overall regulatory summary and the fact that the group was small enabled to participate and ask direct live questions during the course of the agenda, which was for me very helpful.

Orit Shahaf
Director, Regulatory Affairs
Taro Pharmaceutical Industries
Jan 31 2023

Run this programme in-house for your whole team

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.

With over 600 trainers, all practitioners and experts across a huge range of fields, we can provide the training you need, where you need it, when you need it, and at a price which suits your budget. Our approach to tailored learning and development consists of designing and delivering the appropriate solution for each client.

For your FREE consultation and to find out more about how we can work with you to solve your training needs, please contact our training advisers:

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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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