Injection Devices

10 May 2017
Wiesbaden, Germany

Course no. 6677

Pharmaceutical Manufacturing
Packaging

Target audience

• Professionals working in parenteral drug, device or packaging development
• Representatives from device manufacturer
• Consultants involved in life cycle management of drug products or device development
• Product manager or other marketing personnel with a focus on life cycle management
Objectives

This course provides a comprehensive market and technology overview around innovative drug delivery systems with a focus on parenteral, transdermal as well as microinvasive administrations. The seminar is complemented by case studies showcasing the importance of delivery devices during drug life cycle management and what needs to be considered during collaborations between Pharma and device companies.

Programme

Wednesday, 10 May 2017 09:30 – 17:00 h

Welcome and introduction
Mike Schäfers, PhD
West Pharmaceutical Services Deutschland GmbH & Co. KG
Eschweiler, Germany

Parenteral drug delivery; when OSD isn’t the answer
An overview of the technologies, the user needs and the market
- Parenteral device types and technologies; principles, challenges and opportunities
- User perspective; the device as the drug to patient interface
- The parenteral product market; a faster, more flexible future?
Andy Fry
Team Consulting Limited
Ickleton, Cambridge, United Kingdom

Innovative Drug Delivery
- Parenteral controlled release system
  Dr. Andrea Kersebohm (invited)
  Roche Diagnostics GmbH
  Mannheim, Germany

Innovative Drug Delivery
- Potential of iontophoretic transdermal delivery
  concepts and case studies
  Michael Linn, PhD
  LTS Lohmann Therapie-Systeme AG
  Andernach, Germany

Innovative Drug Delivery
- Microarray Patches and Needle-free Injections
  Heiko Spilgies, PhD
  LTS Lohmann Therapie-Systeme AG
  Andernach, Germany

Injection Devices in the lifecycle of a parenteral drug
- Case study I:
  How medical devices support the treatment of MS patients with the continuous life-cycle management of Rebif®
  Alain Lauritzen
  Merck
  Aubonne, Switzerland

Injection Devices in the lifecycle of a parenteral drug
- Case study II
  Dr. Andrea Kersebohm (invited)
  Roche Diagnostics GmbH
  Mannheim, Germany

Collaboration with device development companies
- Opportunities & pitfalls
  - Scope of a device collaboration
  - Different models for development
  - Who does what in the collaboration?
  - Different ways of working together
  - Opportunities for getting things right
  - Pitfalls to avoid
  Jakob Lange, PhD
  Ypsomed AG, Burgdorf, Switzerland

Questions and Answers
Injection Devices

Course leader

Dr. Mike Schaefer is Vice President Global Product Management & Marketing Operations at West Pharmaceutical Services. He studied chemistry and business management and received his PhD from the Ruhr University in Bochum, Germany in 1996. After 4 years of business experience at the drug delivery company R. P. Scherer GmbH & Co. KG in Eberbach, Germany he joined West Pharmaceutical Services in 2000 where he headed the Scientific & Technical Customer Service Group for the European and Asian-Pacific market, before he became in 2005 responsible for Marketing and Technical Customer Service in Europe at West. In 2012 he assumed responsibility for West’s global Marketing activities within the Pharmaceutical Packaging System division before he took over in 2016 the company wide responsibility for product and portfolio management as well as Marketing Operations at West. 
He is member of the Parenteral Drug Association (PDA) and the Arbeitsgemeinschaft für pharmazeutische Verfahrenstechnik (APV) and a frequent speaker and organizer of conferences.

Speakers

Dr. Nicolas Brandes
Director Market Development (EU/Asia-Pacific)
West Pharmaceutical Services

Andy Fry is the founder of Team Consulting, the leading medical product development organisation based in Cambridge UK. Andy studied mechanical and production engineering and graduated from the Polytechnic of the South Bank in 1975. Following 2 years in process development with BICC Central Research, London, he joined Crosfield Electronics to lead a team in development of chemical process plant. In 1983 he moved to PA Technology, Cambridge, to specialise in robot manufacturing systems. In 1986, he founded Team Consulting with four of his colleagues. Andy was instrumental in developing Team’s drug delivery device business and 28 years later, he remains deeply involved at both a technical and strategic level. He is a member of the PDA, the Aerosol Society and the Academy of Pharmaceutical Sciences and he represents the UK on ISO committees concerned with standards for injection devices. Andy is author of a number of magazine and journal articles, he is a frequent speaker at pharmaceutical industry conferences and is inventor or co-inventor on numerous patents. He is a committed Christian and lay chairman of the governing council at his church in North London.

Dr. Andrea Kersebohm
Roche Diagnostics GmbH
Mannheim, Germany

Dr. Jacob Lange is currently Account Director with Ypsomed AG in Burgdorf, Switzerland, overseeing a team with responsibility for managing customer relationships in development projects as well as for marketed products. With Ypsomed he has previously held the positions of Key Account Manager, Marketing and Sales and Head of Project Management, R&D. Before joining Ypsomed, Jakob started his professional career as a Research Scientist in packaging R&D with Nestlé at the Nestlé Research Centre in Lausanne, Switzerland and then went on to take on roles as Project Manager, Group Leader and Portfolio Manager in R&D with GE Healthcare Biosciences in Uppsala, Sweden.

Jakob is an Engineer by training, holding an MSc degree in Chemical Engineering from the Royal Institute of Technology in Stockholm, Sweden, and a PhD in Polymer Science from the EPFL in Lausanne, Switzerland.

As biotech CMC Program Leader, Alain Lauritzen manages the CMC activities to support the life cycle development initiatives of marketed biological drug products for Merck. Alain graduated from the EPFL (Swiss Federal Institute of Technology in Lausanne) in mechanical engineering/fluid dynamics. After several years in R&D on analytical instrumentation at Thermo Fisher Scientific, he joined Merck in 2000, developing medical drug injection devices. In 2006 Alain took over the coordination of the development activities within the Global Manufacturing department of various molecules and later extended it to all marketed parenteral biologics. Most of Merck parenteral drug products can be self-administered, meaning that through the joint developments of drug product and medical devices tailored to the diseases, the patient convenience and adherence to the treatment are improved.

Dr. Michael Linn studied pharmacy and graduated from the Johannes-Gutenberg-University of Mainz. Afterwards, he graduated with a PhD from Saarland University in pharmaceutical technology. Michael joined LTS Lohmann Therapie-Systeme AG in 2012 as scientist. He works in the pharmaceutical development of active and passive transdermal therapeutic systems (TTS), as well as oral thin films (OTF).

Dr. Heiko Spilgies is Head of Pharmaceutical Development at IIS Innovative Injektions-Systeme GmbH & Co. KG, a 100% subsidiary of the market leader for transdermal drug delivery, LTS Lohmann Therapie-Systeme AG. IIS specializes on the development of novel dosage forms such as Needle-free Injection Systems and Microarray Patches.

Heiko is a Pharmacist with a Ph.D. from Ludwig-Maximilians-University Munich. After 6 years with SmithKline Beecham/GlaxoSmithKline in the U.K. and the U.S., he developed novel dosage forms with Novoasis AG/Acino AG for 7 years. Since 2011, he is Head of Pharmaceutical Development at IIS. Heiko has also had various responsibilities as Head of Manufacturing and as Qualified Person.
Registration by fax +49 6131 9769-69

Injection Devices, Course no. 6677

Registration
As soon as you have found a seminar of your interest, it is very easy to register for it via fax, e-mail or online. We will process your registration promptly and certainly are available for any questions that may arise.

Registration confirmation
After your registration was successfully processed, you will receive a confirmation.

Before the event
A few days before the event starts, you will receive important information about the seminar, such as time, date, addresses etc.

After the event
You will receive a certificate confirming your participation. Furthermore, we would like to ask you to fill-in our evaluation sheet to make sure we get better every time.

Follow-up
After the event, we are open to receive any suggestions and critique that might arise during the seminar and will certainly help you with further questions you may have.

Registration form
Title, First Name, Last Name *

Company Name *

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Arbeitsgemeinschaft für Pharmazeutische Verfahrenstechnik e.V.
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International Association for Pharmaceutical Technology

www.apv-mainz.de

Mainz, May 2016