

Monday, 2 November | Room G1

9:00 – 17:15

Innovative Combination Products

Advanced self-injection devices: auto-injectors, pen-injectors, bolus-injectors, wearable pumps, and more

Workshop Description:

Opening remarks from biopharmaceutical companies with related device experience will help to set the tone for this unique workshop. Then, leading suppliers will introduce various self-injection devices, such as auto-injectors, pen-injectors, bolus-injectors, wearable-injectors and pumps. Insight into how primary containers such as PFS and cartridges (both glass and plastic), can be effectively integrated into such devices, will be discussed. And finally, other key activities related to taking a combination product to market will also be highlighted during talks, Q&A and panel discussions. Join us for this unique one-day event with global leaders from biopharma, device, primary container and consulting industries who are actively involved with combination products. The theme of the event will focus on innovations in the area of combination products that will help overcome challenges, improve compliance, and enhance the patient experience.

Who Should Attend:

Professionals in the biopharmaceutical industry who currently have injectable products that require devices, and those that have an interest in hearing from industry leaders firsthand talk openly about their products and experiences.

Learning Objectives:

To get a comprehensive overview of self-injection devices and better understand the offerings of key suppliers in the device industry. And learn more about combination products from the perspective of biopharmaceutical companies that have taken products to market.

Workshop Leader



Steven Kaufman, Global Business Development Lead, Bepak Europe Ltd.

Based in North America, Mr. Kaufman is responsible for global business development activities related to injectable devices such as auto-injectors and bolus-injection systems. He is a member of the commercial team and works actively with the Bepak Innovation organization in Cambridge, UK - which designs and develops advanced drug delivery devices - and Kings Lynn, UK - where they are manufactured. Active in the combination product industry for more than ten years, Mr. Kaufman is involved with related associations such as the PDA, DDP and Pharmapack. Mr. Kaufman has a biopharmaceutical background, broad experience in the drug delivery device field and is involved with strategic alliances with related suppliers. He has extensive presentation experience and is author/co-author of several articles related to the self-injection industry.

Agenda | Room G1**9:00 – 17:45****9:00 Welcome and Introduction****The Perspective of Biopharmaceutical Companies****09:30 What does Pharma want from its suppliers?
Amgen's Search for Innovative Combination Products**Nic Bowman, *Pfizer*
Shawn Davis, *Amgen***10:15 Coffee Break****Technology Overview**

Presentation of various self-injection technologies, their main use, advantages and key learnings with regards to different self-injection devices

10:45 A. The rapid growth of auto-injectors and pen-injectors and their advances**The rapid growth of auto-injectors. Trends, learnings and innovation.**
Safety Syringes
Custom Products – Proven Device Technologies
Presentation title TBC
The SAN product family: a unique combination of features
Market Driven Device Development and PartneringMats Persson, *SHL*
Andy Vardé, *Owen Mumford*
Ian Thompson, *Ypsomed*
Steven R. Kaufman, *Bespak*
David Daily, *DALI Medical Devices*
Terence O'Hagan, *Haselmeier***12:45 Lunch Break****13:45 B. The suitability and integration of primary containers with devices****Functional integration of PFS into autoinjector**
Polymer-based Pre-Filled Syringes integrated into injection systemsAlessandro Morandotti, *OMPI*
William Dierick, *Terumo***14:30 Panel Q & A****15:00 Coffee Break****15:30 C. The growth of pump-based systems****The SmartDose Electronic Wearable Injector**
Presentation title TBC
PatchPump®: Making Good Drugs BetterGraham Reynolds, *West*
Stephen Allan, *Unilife*
Peter D. Noymer, *SteadyMed***The role of consultants and other 3rd parties****16:30 How to Develop an Effective Injection Trainer**
Presentation title TBCPaul Randall, *One World DMG*
Iain Simpson, *Cambridge Consultants***17:15 Panel Q & A****17:45 End of Pre-Conference Workshop**