

PDA EU00163 All about Pre-Filled Syringe Systems – Basic Course

DAY 1, Thursday, 23 October 2025	
9:00	Welcome and Introduction
9:15	Overview and Introduction into Pre-Filled Syringe Market <ul style="list-style-type: none"> • Overview & Trends • Stakeholders • User perspective • Syringe System overview
10:30	Networking Coffee Break
11:00	Pre-Fillable Syringes <ul style="list-style-type: none"> • Glass syringes and COP/COC syringes • Barrel forming and needle mounting • Washing with WFI • Siliconization • Nest and tub, bags • Sterilization • Syringe specification example • Regulatory guidelines and technical standards: EU / US / ISO / ...
12:00	Plunger Stopper, Needle Shields, Tip Caps <ul style="list-style-type: none"> • Materials • Physical properties • Chemical properties • Washing • Siliconization • Impact of different drug properties • Syringe system functionality • Regulatory guidelines and technical standards: EU / US / ISO / ...
12:30	Networking Lunch Break
13:30	Plunger Stopper, Needle Shields, Tip Caps cont.
14:00	Fill and Finish <ul style="list-style-type: none"> • Bag opening • Tub opening • Filling • Stoppering
15:30	Networking Coffee Break
16:00	Hands-on Session 1 - 3 groups 20 min per station
17:00	Q&A
17:15	End of Day 1

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DAY 2, Friday, 24 October 2025	
09:00	Recap Day 1
09:15	Technical Aspects of Prefilled Syringes <ul style="list-style-type: none">• Syringe meets fomulation• Physical performance• Pharmaco-chemical performance
10:30	Networking Coffee Break
10:45	Regulatory and Pharmaceutical Aspects <ul style="list-style-type: none">• Short overview on regulatory guidelines and technical standards: EU / US / ISO / ...• Short overview and Introduction into Drug-Syringe Interactions
11:30	Manufacturing Aspects Regarding Filling, Finishing and Assembly <ul style="list-style-type: none">• Rod insertion and labeling• Combi filling• Robot filling• New trends
12:30	Networking Lunch Break
13:30	Introduction into Autoinjectors
14:30	Q&A
15:00	End of Course