Teaching goals and learning objectives

• Be able to realise of a state of the art facility for a specific compounding process in a European hospital pharmacy.
• Be able to organize and control the quality of this facility.
• Be able to develop a hospital prepared product and its packaging.
• Be able to identify legislation regarding compounding and if necessary to interpret it and formulate professional standards.
• Understand the risks of pharmacy compounding in relation to patient care and patient safety.
• Have a general understanding of pharmacy preparation to support this task in their own situation
• Have an overview of pharmacy prepared drugs in Europe, its state of the art regulations and its risks for patient safety.
• Understand the concept of the SMF and will be able to write a SMF for their assigned topic
• Understand the concept of a business plan and will be able to write one for their assigned topic.
• Able to design a dedicated facility and will be able to validate equipment
• Able to design a new product with an understanding of the concept “quality by design”
• Able to understand the consequences of a change in administration form for a certain drug substance
• Have an overview of the QA for a hospital pharmacy and will be able to design a VMP based on a risk evaluation
• Able to use the concept of risk evaluation in QC on specific subjects
• Introduced in the use several materials for packaging of medicinal products
• Learn how to manage a GMP like organization

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