

 <p>جامعة كفر الشيخ Kafrelsheikh University</p>	 <p>قسم التكنولوجيا الصيدلانية</p>
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Second level –clinical program

Pharmaceutical dosage forms 1

١	Topic
2	Syrups (types, ingredients, methods of preparation, problem of manufacturing, quality control test)
3	Flocculating agents(types, mechanisms of action, Flocculation in structured vehicles, compatibility with viscosity modifying agents)
4	Emulsifying agents(classification, Mechanism of action, HLB)
5	Microemulsion (enhancement of availability , bioavailability and stability of certain drugs)
6	Preparation, purification and properties of colloidal systems
7	Types of tablets and methods of preparation
8	Tablets ingredients and its effect on drug availability and stability
9	Processing problems in tablets manufacturing
10	Quality control of tablets
11	Procedures of production of hard and soft capsules
12	Microcapsules