Optimization of localized colloidal systems for the treatment of periodontal pockets

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Contents

Chapter I

Preparation and characterization of doxycycline hydrochloride and metronidazole loaded proniosomal gel

Chapter II

Preparation and characterization of doxycycline hydrochloride and metronidazole loaded solid lipid microparticles gel

Chapter III

Clinical and microbiological evaluation of the selected formulae

Abbreviations List

BOP	Bleeding on probing
CAL	Clinical attachment level
CFUs	Colony forming units
CH	Cholesterol
DH	Doxycycline hydrochloride
DSC	Differential scanning calorimetry
Ep	Epikuron
Fig.	Figure
FT-IR	Fourier transform infrared
GCF	Gingival crevicular fluid
GI	Gingival index
GMS	Glyceryl monostearate
g	gram(s)
HLB	Hydrophilic lipophilic balance
HPMC	Hydroxypropylmethyl cellulose
h.	Hour
hrs.	Hours
mg	Milligram
MIC	Minimum inhibitory concentration
min	Minute
ml	Milliliter
mM	Millimole
m.p.	Melting point
MT	Metronidazole
mV	Millivolt
Mwt	Molecular weight
My52	Myrj 52
My59	Myrj 59
nm	Nanometer
PBI	Papillary bleeding index
PCL	Poly Ɛ-caprolactone
PDI	Polydispersity index
PPD	Probing pocket depth
PI	Plaque index
PLA	Polylactide
PLGA	PolyLactide co glycolide
P188	Poloxamer 188
P407	Poloxamer 407
rpm	Revolution per minute

SA	Stearic acid
SD	Standard deviation
SE	Standard error
Sec	Second
SEM	Scanning electron microscope
SLMs	Solid lipid microparticles
SLNs	Solid lipid nanoparticles
Sp	Span
SRP	Scaling and root planning
SRP+G	Scaling and root planning + Poloxamer Gel
SRP+P	Scaling and root planning + Proniosomes gel
SRP+S	Scaling and root planning + Solid lipid microparticles gel
Tc	Transition temperatures
TEM	Transmission electron microscope
TP	Tripalmitin
TS	Tristearin
Tw80	Tween 80
µg	Microgram
µm	Micrometer
U.V.	Ultraviolet
λ_{max}	Lambda maximum

List of Tables

Table No. **Page**

Table No. **Page**