



z% " Z" fflE \$# f#f' &fV

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fif' %



\$' 05& *5' .,"60" ~"6.8' /~i L' fff' /i i Ž"/i Ži

Gastric secretion:

Effect of food on Gastric secretion:

Different approaches of gastrointestinal drug delivery system:

Factors influencing gastric residence time⁽⁹⁾:

Bioadhesive system

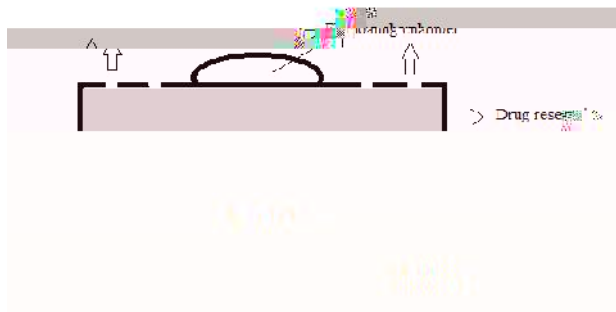
Floating drug delivery system (FDDS)⁽¹¹⁾:

Mechanism of floating drug delivery system:

\$' 05& *5' . "60" ~ "6.8' / ~ i L' f f i ' / i i Ž / i Ž i

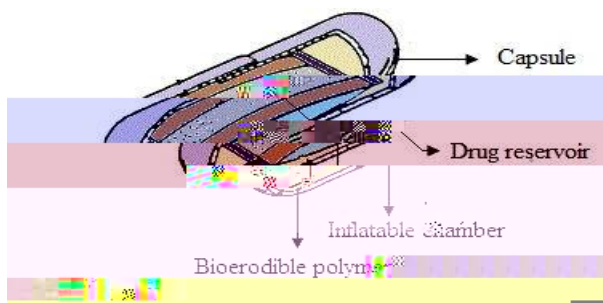
Classification of floating drug delivery system:

Effervescent system:

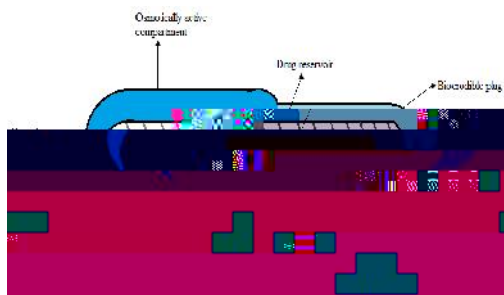


a. Colloid gel based system:

b. Inflatable gastrointestinal drug delivery system:



c. Intra-gastric osmotically controlled drug delivery system:



Non effervescent system:

\$' 05& *5' . "60" "6.8' /~i L' fff' /i i Ž' /i Ži

Evaluation parameter of gastro retentive drug delivery system:

Floating system:

Mucoadhesive system:

Swellable system:

\$' 05& *5' . "60" ~ "6.8" / ~ i L' f f i ~ / i i Ž / i Ž i

In-vitro release study:

\$' 05& *5' . "60" "6.8' /~i L' fff' /i i Ž' /i Ži