A Review on Study of Buccal Patches

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Abstract*: The main barrier for the oral delivery of most of the drugs as potential therapeutic agents is their extensive pre-systemic metabolism, instability in acidic environment resulting into inadequate and erratic oral absorption. Amongst the various routes of drug delivery, oral route is perhaps the most preferred by 4.6 the patients. Within the oral mucosal cavity, the buccal region offers an attractive route of administration for systemic drug delivery. The mucosa has rich blood supply and it is relatively permeable. Considering the low patient compliance of rectal, vaginal, sublingual and nasal drug delivery for controlled release, the buccal route of drug delivery is a good alternative.*

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