

[Open Peer Review on Qeios](#)

Buccal Route of Administration

National Cancer Institute

Source

National Cancer Institute. *Buccal Route of Administration*. NCI Thesaurus. Code C38193.

Administration of a substance through the mucosal membrane on the inside of the cheek or the back of the mouth. Buccal route bypasses first pass metabolism and avoids pre-systemic elimination in the gastrointestinal tract. The buccal environment is well supplied with both vascular and lymphatic drainage and is well suited for a retentive device. This is a feasible alternative for systemic delivery of orally inefficient drugs, such as peptide and protein drug molecules.