Dental pain is an undesirable situation for both the clinician and the patient. Clinician should overcome this uncomfortable situation. Understanding of the pain system, a good endodontic dental procedure and the use of appropriate analgesics are important steps in management of dental pain. Pain system starting with the signal detection of tissue damage in the periphery, ongoing processing of data at the level of the spinal cord, perceived at the high brain regions such as cerebral cortex is a multilevel and complex system. A clinician who understands all levels of the pain system basically can perform effective methods of pain control by getting the opportunity of using therapeutics. In pulp, thin C and small Aδ fibers have a role for the pain perception. Non-narcotic and narcotic analgesics are preferred to manage endodontic pain. Acetaminophen and non-steroidal antiinflammatory drugs or opioid analgesics and combinations of these drugs are frequently used in endodontic pain management. In this review information will be given about the mechanism of endodontic pain, transmission paths and analgesics used for pain management.