Don't use opioids for post-operative dental pain until optimized dose of Nonsteroidal Anti-Inflammatory Drugs (NSAIDs)/Acetaminophen has been used.

For post-operative dental pain, the dose and frequency of a non-opioid (ibuprofen and/or acetaminophen) analgesic should be optimized. If this is not sufficient for managing pain then an opioid may be considered. If an opioid analgesic is appropriate consider limiting the number of tablets dispensed.

Don't prescribe antibiotics for irreversible pulpitis (toothache).

Irreversible pulpitis or toothache occurs when the soft tissue and nerve inside the tooth (the dental pulp) becomes damaged as a result of decay, trauma or large fillings. The intense pain is caused by inflammation of the dental pulp and the tissue surrounding the root – not by infection. Because this is not an infection, antibiotics do not relieve the pain and should not be used. Treatment for this condition is the removal of the damaged or diseased dental pulp, either through root canal therapy or extraction of the tooth. Inflammatory dental pain is best managed by non-steroidal inflammatory drugs.

Don't routinely prescribe antibiotics for acute dental abscess without signs of systemic involvement.

Acute dental abscess is a localized infection that occurs as the result of an untreated infection of the dental pulp. The abscess should be drained and the tooth treated with root canal therapy or extraction of the tooth. Antibiotics are of no additional benefit. In the event of systemic complications (e.g., fever, lymph node involvement or spreading infection), or for an immunocompromised patient, antibiotics may be prescribed in addition to drainage of the tooth.

Don't give prophylactic antibiotics prior to dental procedures to patients with total joint replacement.

Infections of orthopedic implants are uncommon events and are rarely caused by bacteria found in the mouth. Although dental procedures such as extractions cause transient bacteremia, most bacteremia of oral origin occurs with activities of daily living, including brushing, flossing and chewing. There is no reliable evidence that antibiotics prior to dental procedures prevents prosthetic joint infections. Patients should not be exposed to the adverse effects of antibiotics when there is no evidence of benefit.

Don't give prophylactic antibiotics to patients with non-valvular cardiac or other indwelling devices.

There is no convincing evidence that oral bacteria from dental procedures cause infections of the following devices at any time after implantation: pacemakers; implantable defibrillators; ventriculoatrial shunts; devices for patent ductus arteriosus, atrial septal defect, and ventricular septal defect occlusion; peripheral vascular stents; prosthetic vascular grafts; hemodialysis shunts; coronary artery stents; dacron parotid patches; chronic indwelling central venous catheters. Antibiotic prophylaxis is recommended for patients with these devices if they undergo incision and drainage of infection at other sites (e.g., abscess).

Don't prescribe radiographs without indication.

Dental x-rays are an important and necessary tool to diagnose and monitor oral-facial disorders and dental diseases. The need for x-rays should be determined on an individual basis for each patient, based on medical and dental history, clinical findings and risk assessment, rather than on a routine basis.
Don’t replace fillings just because they are old.
Dental restorations (fillings) fail due to excessive wear, fracture of material or tooth, loss of retention, or recurrent decay. The larger the size of the restoration and/or the greater the number of surfaces filled increases the likelihood of failure. Restorative materials have different survival rates and fail for different reasons, but age should not be used as a failure criteria. Drilling to remove and replace fillings can weaken teeth. If feasible, repair of small defects, rather than replacement of a filling, can save tooth structure and increase the lifespan of restorations at a low cost.

Don’t remove mercury-containing dental fillings unless the restoration has failed.
Mercury-containing dental fillings release small amounts of mercury. Randomized clinical trials demonstrate that the mercury present in fillings does not produce illness. Removal of such fillings is unnecessary, expensive and subjects the individual to absorption of greater doses of mercury than if left in place. Furthermore, placement of composite resin restorations are known to cause a transient increase in urinary Bisphenol-A levels, for which there are unknown health effects and high quality evidence suggests higher failure rates in composite resins versus filling restorations.
Choosing Wisely Canada is a campaign to help physicians and patients engage in conversations about unnecessary tests, treatments and procedures, and to help physicians and patients make smart and effective choices to ensure high-quality care.