

Clinical Practice Guideline Spotlight**

Suggested Time Intervals Needed Between Dental Procedures Prior to and Following TJA Surgery



Dental Procedure Group*	Considerations	Minimum Time Before TJA#	Minimum Time After TJA§
Dental examination without probing dental radiograph or cone beam CT imaging, denture adjustment procedures, clear orthodontic aligner (invisible braces) adjustment procedures, occlusal guard or bite splint adjustment	Not considered invasive dental procedures. No possibility of manipulation of gingiva.	Same day	Same day
Oral hygiene procedures including dental cleaning, dental prophylaxis using a rubber cup and handpiece [without scaling] or periodontal probing (without SRP)		One day	Three months
Orthodontic procedures including banding or debanding orthodontic fixes or removable appliances, archwire adjustment, orthodontic mini-implant removal, orthodontic separate placement		One day	Three months
Other non-invasive procedures including suture removal, anesthetic injection, crown and bridge placement, dental restorative procedures, rubber dam clamp or matrix band wedge between teeth, impression taking, endodontic treatment (root canal therapy).	Impressions may be taken digitally (no risk) or with intraoral impression material use in a tray (minimal risk).	One day	Three months
Scaling and/or root planing (SRP) with manual (hand instruments) or ultrasonic scaler		One week	Three months
Dental Extractions including single, multiple, impacted third molar	With or without bone graft or platelet-rich fibrin material for socket augmentation	Three weeks	Three months
Oral Surgery (including dental implant surgery, periodontal surgery, cleft palate surgery, piezoelectric surgery, osteosynthesis plate removal)		Three weeks	Three months
Treatment of Active Dental Infection	Antibiotics and oral surgery (e.g. extraction) or endodontic treatment (e.g. root canal therapy)	Three weeks after resolution of active infection	Same day

Notes:

* (Martins, 2023)

Minimum Time Pre TJA is based on dental-procedure induced bacteremia and related procedure healing time. Most transient bacteremia in healthy mouth resolves in several hours but studies indicate longest times for extractions and scaling procedures and 2 hours is the farthest time point assessed in most studies (Martins, 2023).

§ Minimum Time Post TJA is based on joint healing required for stability prior to dental-procedure induced bacteremia.

Learn More at OrthoGuidelines!

Please visit OrthoGuidelines.org to view the limited and consensus options for this guideline.

** AAOS/AAHKS Prevention of Total Hip and Knee Arthroplasty Periprosthetic Joint Infection (PJI) in Patients Undergoing Dental Procedures Clinical Practice Guideline. Published November 18, 2024. aaos.org/dentalppxcpg

