

Citations for CDA PFS Medically Necessary Comment Letter:

Services CMS Proposes To Qualify for Coverage Under the Medically Necessary Standard:

Dental or Oral Examination as Part of a Comprehensive Workup Prior to a Renal Organ Transplant Surgery

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- Kwak, Kim, Choi, Joo, Park, *Int. Dent. J.*, 70(6):477-481, Importance of Oral Health and Dental Treatment in Organ Transplant Recipients (Dec. 2020); *see also* National Kidney Foundation, Oral Health Before and After Transplant (Jul. 1, 2015); (discussing the importance of identifying and treating oral infections prior to kidney transplant).
- Campbell, Humphreys, Summers, Konkel, Knight, Augustine, & McBain, *Front Cell Infect Microbiol*, 10: 558644, Does the Microbiome Affect the Outcome of Renal Transplantation? (Dec. 2020).
- Gašpar, Glavina, Grubišić, Sabol, Bušić, & Mravak., *Acta Stomatol Croat.*, 49(3):204-13., The Oral Cavity State in Renal Transplant Recipients (Sept. 2015).
- Wilczyńska-Borawska, Magdalena, Malyszko. *Annales Academiae Medicae Stetinensis*, vol. 56, 2 51-4. Dental problems in a potential kidney transplant recipient: case report and literature review (2010).
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Extraction of Teeth To Prepare the Jaw for Radiation Treatment of Neoplastic Disease

- Nadella KR, Kodali RM, Guttikonda LK, Jonnalagadda A., *J Maxillofac Oral Surg.*, 14(4):891-901, Osteoradionecrosis of the Jaws: Clinico-Therapeutic Management: A Literature Review and Update (Dec. 2015).
- National Cancer Institute, Oral Complications of Chemotherapy and Head/Neck Radiation (PDQ®)–Health Professional Version (Updated July 2021).

Services CMS Seeks Information About To Qualify as Medically Necessary:

Dental or Oral Examination and Necessary Diagnosis or Treatment of Any Presenting Infection Prior to an Organ Transplant

- National Institutes of Health, Organ or Stem Cell Transplant and Your Mouth (2015).
- *Conn. Med.*, 79(1):19-25, Intraoral Infection and Oral Health in the Surgical Patient: Need for Concern During the Perioperative Period? (Jan. 2015).
- Yasny, Herlich, *Mount Sinai Journal of Medicine*, 79:34 – 34, Perioperative Dental Evaluation (2012).
- Kwak, Kim, Choi, Joo, Park, *Int. Dent. J.*, 70(6):477-481, Importance of Oral Health and Dental Treatment in Organ Transplant Recipients (Dec. 2020); *see also* National Kidney Foundation, Oral Health Before and After Transplant (Jul. 1, 2015); (discussing the importance of identifying and treating oral infections prior to kidney transplant).

Cardiac Valve Replacement and Valvuloplasty

- *Conn. Med.* 79(1):19-25, Intraoral Infection and Oral Health in the Surgical Patient: Need for Concern During the Perioperative Period? (Jan. 2015).
- Yasny, Herlich, *Mount Sinai Journal of Medicine*, 79:34 – 34, Perioperative Dental Evaluation (2012).
- Field MJ, Lawrence RL, Zwanziger L, editors, Institute of Medicine (U.S.) Committee on Medicare Coverage Extensions, Extending Medicare Coverage for Preventive and Other Services(2000).
- Sconyers JR, Crawford JJ, Moriarty JD, *The Journal of the American Dental Association*, Volume 87, Issue 3, Relationship of Bacteremia to Toothbrushing in Patients with Periodontitis, , p. 616-622 (1973).
- Field MJ, Lawrence RL, Zwanziger L, editors, Institute of Medicine (U.S.) Committee on Medicare Coverage Extensions, Extending Medicare Coverage for Preventive and Other Services. Washington (DC): National Academies Press (U.S.) (2000).

Treatment for Head and Neck Cancers

- Phongsuphot K, Chimruang J, Intapa C. *CM Dental Journal* 42(1):159-172. Incidence and Severity of Oral Mucositis in Adult and Elderly Cancer Patients After Receiving Chemotherapy in Uttaradit Hospital (2021).
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- Riley P, Glenny A, Worthington HV, Littlewood A, Fernandez-Mauleffinch L, Clarkson JE, McCabe MG. *Cochrane Database of Systematic Reviews*, Interventions for preventing oral mucositis in patients with cancer receiving treatment: Cytokines and growth factors (2017).
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Other Dental Procedures CMS should cover in the final rule:

Joint replacement

- Kapadia BH, Berg RA, Daley JA, Fritz J, Bhawe A, Mont MA, *TheLancet* 387(10016):386-394, Periprosthetic joint infection (Jan. 23, 2016).
- Çetin Aslan E, Ağırbaş İ, Turk J Phys Med Rehabil, 66(1):31-39, Rates, causes, and types of readmissions after total joint arthroplasty (Mar. 3, 2020).

Immunosuppressive and bisphosphonate therapy

- Khan, Morrison, Hanely, Felsenberg, et al. *J Bone Miner Res*, 30(1):3-23, Diagnosis and management of osteonecrosis of the jaw: a systematic review and international consensus. (Jan 2015).

Diabetes

- Lamster IB. John Wiley & Sons, Inc., *Diabetes Mellitus and Oral Health: An Interprofessional Approach* (2014).
- Simpson TC, Clarkson JE, Worthington HV, MacDonald L, Weldon JC, Needleman I, Iheozor-Ejiofor Z, Wild SH, Qureshi A, Walker A, Patel VA, Boyers D, Twigg J., *Cochrane Database of Systematic Reviews*, Issue 4. Art. No.: CD004714, Treatment of periodontitis for glycaemic control in people with diabetes mellitus (2022).
- Merchant, Georgantopoulos, Howe, Virani, Morales, & Haddock., *J. Dent. Research*. 95(4) 408-415, Effect of Long-Term Periodontal Care on Hemoglobin A1c in Type 2 Diabetes (2016).
- Koromantzios, Makrilakis, Dereka, Katsilambros, Vrotsos, Madianos, *Journal of Clinical Periodontology*, 38(2) 142-147, A Randomized, Controlled Trial on the Effect of Non-surgical Periodontal Therapy in Patients with Type 2 Diabetes (2011).

CMMI:

Alzheimer's disease (AD) and dementia

- Beydoun MA, Beydoun HA, Hossain S, El-Hajj ZW, Weiss J, Zonderman AB, J Alzheimers Dis., (75(1):157-172, Clinical and Bacterial Markers of Periodontitis and Their Association with Incident All-Cause and Alzheimer's Disease Dementia in a Large National Survey (2020).
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Cardiovascular diseases

- Peruzzi M, Covi K, Saccucci M, Pingitore A, Saade W, Sciarra L, Cristalli MP, Miraldi F, Frati G, Cavarretta E, Minerva Cardiol Angiol. Current knowledge on the association between cardiovascular and periodontal disease: an umbrella review (2022).
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Non-ventilator hospital-acquired pneumonia, aka non-ventilator health-care-associated pneumonia (NV-HAP)

- Veteran Affairs, VHA Innovation Ecosystems, National Organization of NV-HAP (NOHAP).
- Giuliano, Baker, Quinn. *American Journal of Infection Control*, Volume 46, issue 3, p. 322-7, The epidemiology of nonventilator hospital-acquired pneumonia in the United States (2018).

Diabetes

See sources above