



DEPARTMENT OF HEALTH AND HUMAN SERVICES

Food and Drug Administration

[Docket Nos. FDA-2024-D-2511 and FDA-2024-D-2512]

Dental Composite Resin Devices and Dental Curing Lights--Premarket Notification

(510(k)) Submissions Guidances; Guidances for Industry and Food and Drug

Administration Staff; Availability

AGENCY: Food and Drug Administration, HHS.

ACTION: Notice of availability.

SUMMARY: The Food and Drug Administration (FDA or Agency) is announcing the availability of two final guidances titled “Dental Composite Resin Devices--Premarket Notification (510(k)) Submissions” and “Dental Curing Lights--Premarket Notification (510(k)) Submissions.” These guidance documents provide recommendations for device description, performance testing, and labeling to include in 510(k) submissions for dental composite resin devices and dental curing lights. These guidances supersede the guidances “Dental Composite Resin Devices--Premarket Notification [510(k)] Submissions” dated October 26, 2005 and “Dental Curing Lights--Premarket Notification [510(k)] Submissions” dated March 27, 2006. The recommendations in these guidances are intended to promote consistency and facilitate efficient review of these submissions.

DATES: The announcement of the guidance is published in the *Federal Register* on [INSERT DATE OF PUBLICATION IN THE *FEDERAL REGISTER*].

ADDRESSES: You may submit either electronic or written comments on Agency guidances at any time as follows:

Electronic Submissions

Submit electronic comments in the following way:

- Federal eRulemaking Portal: <https://www.regulations.gov>. Follow the instructions for submitting comments. Comments submitted electronically, including attachments, to <https://www.regulations.gov> will be posted to the docket unchanged. Because your comment will be made public, you are solely responsible for ensuring that your comment does not include any confidential information that you or a third party may not wish to be posted, such as medical information, your or anyone else's Social Security number, or confidential business information, such as a manufacturing process. Please note that if you include your name, contact information, or other information that identifies you in the body of your comments, that information will be posted on <https://www.regulations.gov>.
- If you want to submit a comment with confidential information that you do not wish to be made available to the public, submit the comment as a written/paper submission and in the manner detailed (see "Written/Paper Submissions" and "Instructions").

Written/Paper Submissions

Submit written/paper submissions as follows:

- Mail/Hand delivery/Courier (for written/paper submissions): Dockets Management Staff (HFA-305), Food and Drug Administration, 5630 Fishers Lane, Rm. 1061, Rockville, MD 20852.
- For written/paper comments submitted to the Dockets Management Staff, FDA will post your comment, as well as any attachments, except for information submitted, marked and identified, as confidential, if submitted as detailed in "Instructions."

Instructions: All submissions received must include the Docket No. FDA-2024-D-2511 for "Dental Composite Resin Devices--Premarket Notification (510(k)) Submissions" or the Docket No. FDA-2024-D-2512 for "Dental Curing Lights--Premarket Notification (510(k)) Submissions." Received comments will be placed in the docket and, except for those submitted

as “Confidential Submissions,” publicly viewable at <https://www.regulations.gov> or at the Dockets Management Staff between 9 a.m. and 4 p.m., Monday through Friday, 240-402-7500.

- Confidential Submissions--To submit a comment with confidential information that you do not wish to be made publicly available, submit your comments only as a written/paper submission. You should submit two copies total. One copy will include the information you claim to be confidential with a heading or cover note that states “THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION.” The Agency will review this copy, including the claimed confidential information, in its consideration of comments. The second copy, which will have the claimed confidential information redacted/blacked out, will be available for public viewing and posted on <https://www.regulations.gov>. Submit both copies to the Dockets Management Staff. If you do not wish your name and contact information to be made publicly available, you can provide this information on the cover sheet and not in the body of your comments and you must identify this information as “confidential.” Any information marked as “confidential” will not be disclosed except in accordance with 21 CFR 10.20 and other applicable disclosure law. For more information about FDA’s posting of comments to public dockets, see 80 FR 56469, September 18, 2015, or access the information at:
<https://www.govinfo.gov/content/pkg/FR-2015-09-18/pdf/2015-23389.pdf>.

Docket: For access to the docket to read background documents or the electronic and written/paper comments received, go to <https://www.regulations.gov> and insert the docket number, found in brackets in the heading of this document, into the “Search” box and follow the prompts and/or go to the Dockets Management Staff, 5630 Fishers Lane, Rm. 1061, Rockville, MD 20852, 240-402-7500.

You may submit comments on any guidance at any time (see 21 CFR 10.115(g)(5)).

An electronic copy of the guidance document is available for download from the internet. See the SUPPLEMENTARY INFORMATION section for information on electronic access to

the guidance. Submit written requests for a single hard copy of the guidance document titled “Dental Composite Resin Devices--Premarket Notification (510(k)) Submissions” or “Dental Curing Lights--Premarket Notification (510(k)) Submissions” to the Office of Policy, Center for Devices and Radiological Health, Food and Drug Administration, 10903 New Hampshire Ave., Bldg. 66, Rm. 5441, Silver Spring, MD 20993-0002. Send one self-addressed adhesive label to assist that office in processing your request.

FOR FURTHER INFORMATION CONTACT: Michael Adjodha, Center for Devices and Radiological Health, Food and Drug Administration, 301-796-6276.

SUPPLEMENTARY INFORMATION:

I. Background

These guidance documents provide recommendations for device description, performance testing, and labeling to include in 510(k) submissions for dental composite resin devices and dental curing lights. Dental composite resin devices are devices intended to fill and restore defects or carious lesions in teeth. The device may be supplied as a two-part base and catalyst system that is self-cured or a one-part system that is cured via photoinitiation. Dental curing lights are devices that emit non-ionizing optical radiation intended to photopolymerize dental restorative resins. These guidances supersede “Dental Composite Resin Devices--Premarket Notification [510(k)] Submissions” dated October 26, 2005 and “Dental Curing Lights--Premarket Notification [510(k)] Submissions” dated March 27, 2006. The recommendations in these guidances are intended to promote consistency and facilitate efficient review of these submissions.

A notice of availability of the draft guidances appeared in the *Federal Register* of July 12, 2024 (89 FR 57155). FDA considered comments received on “Dental Composite Resin Devices--Premarket Notification (510(k)) Submissions” and revised the guidance as appropriate in response to the comments, including clarification regarding appropriate performance testing to evaluate shelf life and other technical edits. FDA considered comments received on “Dental

Curing Lights--Premarket Notification (510(k)) Submissions” and revised the guidance as appropriate, including the specification of radiant power output at the tip, rather than 2 mm from the tip, removal of resin depth of cure measurements, and other technical edits and minor clarifications.

These guidances are being issued consistent with FDA’s good guidance practices regulation (21 CFR 10.115). These guidances represent the current thinking of FDA on Dental Composite Resin Devices--Premarket Notification (510(k)) Submissions and Dental Curing Lights--Premarket Notification (510(k)) Submissions. They do not establish any rights for any person and are not binding on FDA or the public. You can use an alternative approach if it satisfies the requirements of the applicable statutes and regulations.

II. Electronic Access

Persons interested in obtaining copies of the guidances may do so by downloading an electronic copy from the internet. A search capability for all Center for Devices and Radiological Health guidance documents is available at <https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/guidance-documents-medical-devices-and-radiation-emitting-products>. These guidance documents are also available at <https://www.regulations.gov> and at <https://www.fda.gov/regulatory-information/search-fda-guidance-documents>. Persons unable to download an electronic copy of “Dental Composite Resin Devices--Premarket Notification (510(k)) Submissions (document number GUI00016050)” or “Dental Curing Lights--Premarket Notification (510(k)) Submissions (document number GUI00016017)” may send an email request to CDRH-Guidance@fda.hhs.gov to receive an electronic copy of the document. Please use the document number and complete title to identify the guidance you are requesting.

III. Paperwork Reduction Act of 1995

While these guidances contains no new collection of information, they do refer to previously approved FDA collections of information. The previously approved collections of

information are subject to review by the Office of Management and Budget (OMB) under the Paperwork Reduction Act of 1995 (PRA) (44 U.S.C. 3501-3521). The collections of information in the following table have been approved by OMB:

21 CFR Part or Guidance	Topic	OMB Control No.
807, subpart E	Premarket notification	0910-0120
812	Investigational Device Exemption	0910-0078
“Requests for Feedback and Meetings for Medical Device Submissions: The Q-Submission Program”	Q-submissions and Early Payor Feedback Request Programs for Medical Devices	0910-0756
800, 801, 809, and 830	Medical Device Labeling Regulations; Unique Device Identification	0910-0485
820	Current Good Manufacturing Practice (CGMP); Quality Management System Regulation (QMSR)	0910-0073
50, 56	Protection of Human Subjects and Institutional Review Boards	0910-0130

Grace R. Graham,

Deputy Commissioner for Policy, Legislation, and International Affairs.

[FR Doc. 2026-17933 Filed: 9/1/2026 8:45 am; Publication Date: 9/2/2026]