

**K133227 SMART SEGMENTATION - KNOWLEDGE BASED
CONTOURING**Mar 14, 2014
144 days to decisionK133227 · Product code: IYE · Radiology
Source: <https://www.510kdatabase.net/k133227/>**SUBMISSION DETAILS**

Decision	Substantially Equivalent (Cleared)
Submission type	Traditional
Device classification	Accelerator, Linear, Medical (IYE)
Date received	Oct 21, 2013
Decision date	Mar 14, 2014
Days to decision	144 days
Third-party review	No
Summary / Statement	Summary

APPLICANT

Company	Varian Medical Systems, Inc.
Location	Palo Alto, CA, US
Contact	PETER J CORONADO
Website	http://www.varian.com
510(k) history	169 submissions · 169 cleared · 1997-2026

Varian Medical Systems, Inc. is an American radiation oncology company based in Palo Alto, California. The company develops medical devices and software for cancer treatment and radiotherapy. Varian Medical Systems, Inc. has received FDA 510(k) clearances from total submissions since its first clearance in 1997. The company's regulatory portfolio is dominated by Radiology devices, representing 96% of all submissions. The latest FDA 510(k) clearance was granted in 2026, demonstrating continued regulatory activity. The company specializes in linear accelerators (LINACs), ra...