**EP MEDSYSTEMS INC** Form SC 13G February 12, 2002

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#### **SCHEDULE 13G**

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

## SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 **Under the Securities Exchange Act of 1934** 

	(Amendment No)*			
	EP MedSystems, Inc.  (Name of Issuer)			
	Common Stock, no par value, stated value \$0.001			
	(Title of Class of Securities)			
	026881P103			
	(CUSIP Number)			
	December 31, 2001			
Check the a	(Date of Event Which Requires Filing of this Statement) appropriate box to designate the rule pursuant to which this Schedule is filed:			
// I	Rule 13d-1(b)			
/x/	Rule 13d-1(c)			
// I	Rule 13d-1(d)			
	emainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subjund for any subsequent amendment containing information which would alter the disclosures provided in a prior cover.			

\*The re securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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<sup>1</sup> NAMES OF REPORTING PERSONS/I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY).

	Medtronic, Inc. (41-0793183)				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)**		(a) //		
			(b) //		
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION				
	New Jersey				
	BER OF SHARES BENEFICIALLY OWNED BY H REPORTING PERSON WITH:	5	SOLE VOTING POWER		
			1,131,779 (includes 673,779 shares which may be acquired upon conversion of preferred stock)		
		6	SHARED VOTING POWER		
		7	SOLE DISPOSITIVE POWER		
			1,131,779 (includes 673,779 shares which may be acquired upon conversion of preferred stock)		
		8	SHARED DISPOSITIVE POWER		
9	AGGREGATE AMOUNT BENEFICIALLY OWNE	D BY I	EACH REPORTING PERSON		
	1,131,779 (includes 673,779 shares which may be acquired upon conversion of preferred stock)				
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) //				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	7.8%				
12	TYPE OF REPORTING PERSON (SEE INSTRUCT	IONS)			
	СО				

Answer every item. If an item is inapplicable or the answer is in the negative, so state:

Item 1(a) Name of Issuer: EP MedSystems, Inc. Address of Issuer's Principal Executive Offices: Item 1(b) 100 Stierli Court Mount Arlington, NJ 07856 Name of Person Filing: Item 2(a) See Cover Page, Item 1 Address of Principal Business Office or, if none, residence: Item 2(b) 710 Medtronic Parkway Minneapolis, Minnesota 55432-5604 Citizenship: Item 2(c) See Cover Page, Item 4 Title of Class of Securities: Item 2(d) Common Stock, no par value, stated value \$0.001 **CUSIP No.:** Item 2(e) See Cover Page If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), check whether the Item 3 person filing is a: (a) Broker or dealer registered under Section 15 of the Exchange Act. (b) Bank as defined in Section 3(a)(b) of the Exchange Act. (c) [ ] Insurance company as defined in Section 3(a)(19) of the Exchange Act. (d) [ ] Investment company registered under Section 8 of the Investment Company Act. (e) [ ] An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E). (f) [ ] An employee benefit plan or endowment fund in accordance with Rule 13d 1(b)(1)(ii)(F). (g) A parent holding company or control person in accordance with Rule 13d 1(b)(1)(ii)(G). (h) [ ] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act. (i) [ ] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act. (j) [ ] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to Rule 13d-1(c), check this box. /x/

# Item 4 Ownership

See Cover Page, Items 5 through 11

#### Item 5 Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following //.

#### Item 6 Ownership of More than Five Percent on Behalf of Another Person:

Not applicable

# Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company:

Not applicable

#### Item 8 Identification and Classification of Members of the Group:

Not applicable

#### Item 9 Notice of Dissolution of Group:

Not applicable

## Item 10 Certifications:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 11, 2002

MEDTRONIC, INC.

By:

/s/ CAROL E. MALKINSON

Carol E. Malkinson

Senior Legal Counsel and Assistant Secretary
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QuickLinks

# **SIGNATURE**