SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13G

INFORMATION STATEMENT PURSUANT TO RULES 13d-1 AND 13d-2 UNDER THE SECURITIES EXCHANGE ACT OF 1934

(AMENDMENT NO. ____)1

MEDI-JECT CORPORATION

(Name of Issuer)

COMMON STOCK

- ----- (Title of Class of Securities)

583 93010

(CUSIP Number)

- -----

_ _____

1 The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of 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 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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CUSIP NO.	583 93	010	 13G	PAGE	2 	OF	8	PAGES		
1	NAME OF REPO S.S. OR I.R.	RTING PERSON S. IDENTIFIC		OF ABO	VE E	PERSO	ONS			
	BECTON DICKI	NSON AND COM	PANY							
2	CHECK THE AP	PROPRIATE BO	X IF A MEME	BER OF	A GF	ROUP'	*		(A) (B)	· _ ·
3	SEC USE ONLY									
4	CITIZENSHIP									
	NEW JERSEY									
		5	SOLE VOI	ING PO	WER					
S BENE OV	JMBER OF SHARES EFICIALLY NNED BY FACH		3,046,46	50 (SEE	ΙTΈ	см 4	(C)	HEREIN	1).	

PERSON WITH _____ SHARED VOTING POWER 6 0 (SEE ITEM 4(C) HEREIN). _____ SOLE DISPOSITIVE POWER 7 3,046,460 (SEE ITEM 4(C) HEREIN). _____ 8 SHARED DISPOSITIVE POWER 0 (SEE ITEM 4(C) HEREIN). _____ g AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,046,460 SHARES OF COMMON STOCK, INCLUDING 2,284,845 SHARES OF COMMON STOCK ISSUABLE UPON PRESENTLY EXERCISABLE SECURITIES. ------CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES 10 CERTAIN SHARES* 1_1 _____ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 33.1% _____ _____ TYPE OF REPORTING PERSON* 12 CO _ _____ *SEE INSTRUCTIONS BEFORE FILLING OUT! PAGE 2 OF 8 PAGES. 583 93010 13G PAGE 3 OF 8 DAGES . _____. CUSIP NO. _____ _____ ITEM 1. (A) NAME OF ISSUER. Medi-Ject Corporation, a corporation organized under the laws of Minnesota (the "Issuer"). (B) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES. The Issuer's principal executive offices are located at 1840 Berkshire Lane, Minneapolis, Minnesota 55441. ITEM 2. NAMES OF PERSONS FILING. (A) This statement is being filed by Becton Dickinson and Company ("REPORTING PERSON"). ADDRESS OF PRINCIPAL BUSINESS OFFICE. (B) The principal business office of the Reporting Person is 1 Becton Drive, Franklin Lakes, New Jersey 07417-1880. (C) CITIZENSHIP. The Reporting Person is a New Jersey corporation. (D) TITLE OF CLASS OF SECURITIES. This statement relates to shares of Common Stock, \$.01 par value (the "COMMON STOCK"), of the Issuer. CUSIP NUMBER. (E) The CUSIP Number of the Common Stock is 583 93010.

REPORTING

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ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULE 13d-1(B), OR 13d-2(B), CHECK WHETHER THE PERSON FILING IS A:

NOT APPLICABLE

- (a) $|_|$ Broker or Dealer registered under Section 15 of the $$\ensuremath{\mathsf{Act}}$$
- (b) | | Bank as defined in Section 3(a)(6) of the Act
- (c) |_| Insurance Company as defined in Section 3(a)(19)
 of the Act
- (e) |_| Investment Advisor registered under Section 203 of the Investment Advisors Act of 1940
- (f) |_| Employee Benefit Plan, Pension Fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see ss.240.13d-1(b)(1)(ii)(F)
- (h) | | Group, in accordance with ss.240.13d-1(b)(1)(ii)(H)

ITEM 4. OWNERSHIP.

(A) AMOUNT BENEFICIALLY OWNED.

At December 31, 1996, the Reporting Person may be deemed to have beneficially owned an aggregate of 3,046,460 shares of Common Stock, which amount consists of (i) 761,615 shares of Common Stock, (ii) 1,904,037 shares of Common Stock issuable upon the

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exercise of a presently exercisable warrant (the "WARRANT") and (iii) 380,808 shares of Common Stock issuable upon the exercise of a presently exercisable option (the "OPTION"). All securities reported herein as being beneficially owned by the Reporting Person were purchased on January 25, 1996.

(B) PERCENT OF CLASS.

At December 31, 1996, the Reporting Person may be deemed to have beneficially owned approximately 33.1% of the outstanding shares of Common Stock (which percentage was calculated based upon 9,210,481 shares of Common Stock outstanding calculated on the basis of (1) 6,925,636 shares of Common Stock issued and outstanding as reported in the Issuer's Quarterly Report on Form 10-Q for the quarterly period ended September 30, 1996 as being outstanding as of November 4, 1996, plus (2) 2,284,845 shares of Common Stock subject to issuance upon the exercise of the Warrant and the Option).

(C) POWER TO VOTE OR DIRECT THE VOTE AND DISPOSE OR DIRECT THE DISPOSITION OF SECURITIES.

At December 31, 1996, (i) the Reporting Person had the sole power to vote or direct the vote of, and the sole power to dispose or direct the disposition of, all 761,615 shares of Common Stock reported herein to be beneficially owned by the Reporting Person, and (ii) upon exercise thereof, the Reporting Person will have the sole power to vote or direct the vote of, and the sole power to dispose or direct the disposition of, all 1,904,037 shares of Common Stock underlying the Warrant and the Option. The Reporting Person has no present intent to $% \left({{{\left[{{L_{\rm{B}}} \right]}}} \right)$

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exercise its v control of the	oting power in a man sissuer.	nner which	would cl	nange	or i	nflu	ence the	
ITEM 5. OWNER	SHIP OF FIVE PERCEN	T OR LESS O	F A CLAS	SS.				
	Not applicable.							
ITEM 6. OWNER	SHIP OF MORE THAN F	IVE PERCENT	ON BEHA	ALF O	F ANC	THEF	PERSON.	
	Not applicable.							
	TFICATION AND CLASS							D THE
	Not applicable.							
ITEM 8. IDENT	IFICATION AND CLASS	IFICATION O	F MEMBEI	RS OF	THE	GROU	P.	
	Not applicable.							
ITEM 9. NOTIC	E OF DISSOLUTION OF	GROUP.						
	Not applicable.							
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SIGNATURE

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

BECTON DICKINSON AND COMPANY

Dated: February 7, 1997

By: /s/Raymond P. Ohlmuller

Raymond P. Ohlmuller Vice President and Secretary PAGE 8 OF 8 PAGES.