BEI MEDICAL SYSTEMS CO INC /DE/ Form SC 13G February 13, 2002

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934
(AMENDMENT NO.)\*

BEI MEDICAL SYSTEMS COMPANY, INC.						
(Name of Issuer)						
Common Stock						
(Title of Class of Securities)						
05538E109						
(CUSIP Number)						
12/31/01						
(Date of Event Which Requires Filing of this Statement)						
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:						
[ X ] Rule 13d-1(b)						
[ ] Rule 13d-1(c)						
[ ] Rule 13d-1(d)						

\*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 in 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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(1) NAMES OF REPORTING PERSONS.  I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)  BANK ONE CORPORATION, I.R.S. NO. 31-0738296  (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  NUMBER OF (5) SOLE VOTING POWER  SHARES  BENEFICIALLY (6) SHARED VOTING POWER  CONNED BY  EACH (7) SOLE DISPOSITIVE POWER  REPORTING  PERSON (8) SHARED DISPOSITIVE POWER  WITH:  (9) ACCRECATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  (10) CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)  (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)							
(a) [ ] (b) [ ]  (b) [ ]  (c) [ ]  (d) SEC USE ONLY  (4) CITIZENSHIP OR PLACE OF ORGANIZATION  NUMBER OF (5) SOLE VOTING POWER  SHARES  BENEFICIALLY (6) SHARED VOTING POWER  OWNED BY  EACH (7) SOLE DISPOSITIVE POWER  REPORTING  PERSON (8) SHARED DISPOSITIVE POWER  WITH:  (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  (10) CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)  (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	(1)	I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)					
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NUMBER OF (5) SOLE VOTING POWER  SHARES  BENEFICIALLY (6) SHARED VOTING POWER  OWNED BY  EACH (7) SOLE DISPOSITIVE POWER  REPORTING  PERSON (8) SHARED DISPOSITIVE POWER  WITH:  (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  (10) CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)  (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	(3)						
SHARES  BENEFICIALLY (6) SHARED VOTING POWER  OWNED BY  EACH (7) SOLE DISPOSITIVE POWER  REPORTING  PERSON (8) SHARED DISPOSITIVE POWER  WITH:  (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  (10) CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)  (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	(4)						
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EACH (7) SOLE DISPOSITIVE POWER  REPORTING  PERSON (8) SHARED DISPOSITIVE POWER  WITH:  (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  (10) CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)  (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		BENEFICIALLY	(6)				
REPORTING  PERSON  (8) SHARED DISPOSITIVE POWER  WITH:  (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  (10) CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)  (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		OWNED BY					
PERSON (8) SHARED DISPOSITIVE POWER  WITH:  (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  (10) CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)  (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		EACH	(7)	SOLE DISPOSITIVE POWER			
WITH:  (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  (10) CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)  (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		REPORTING					
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(10) CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)  (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		WITH:					
(11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	(10)	) CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)					
(12) TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
	(12)	) TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)					

### SCHEDULE 13G

Item 1 (a).	Name of Issuer:		BEI MEDICAL SYSTEMS COMPANY, IN		
icem i (a).	Name OI ISSUEL	•	BEI MEDICAE SISIEMS COMPANI, IN		
Item 1 (b).	Address of Issu	uer's Principal Executive Offices:	100 Hollister Roa Teterboro, NJ 07		
Item 2 (a).	Name of Person	Filing:	BANK ONE CORPORAT		
Item 2 (b).	Address of Prin	ncipal Office or, if none, Residen	ce: One First Nationa Chicago, IL 6067		
Item 2 (c).	Citizenship:		Not Applicable.		
Item 2 (d).	Title of Class	of Securities:	Common Stock		
Item 2 (e).	CUSIP Number:		05538E109		
Item 3.		this Statement is Filed Pursuant to Rules 240.13d-1 (b), or 240.13d-2 (b) ther the person filing is a:			
	(a) [ ]	Broker or dealer registered unde	r Section 15 of the 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;		
	(d) [ ]	Investment company registered un	der section 8 of the Investment		
	(e) [ ]	An investment adviser in accorda	nce with Rule 13d-1(b)(1)(ii)(E		
	(f) [ ]	An employee benefit plan or endo 240.13d-1(b)(1)(ii)(F);	wment fund in accordance with S		
	(g) [ X ]	A parent holding company or cont 240.13d-1(b)(ii)(G);	rol person in accordance with S		
	(h) [ ]	A savings association as defined Insurance Act (12 U.S.C. 1813);	in Section 3(b) of the Federal		
	(i) [ ]	A church plan that is excluded funder Section 3(c)(14) of the In			
	(j) [ ]	Group, in accordance with Section	n 240.13d-1(b)(1)(ii)(J).		
	If this stateme	ent is filed pursuant to Rule 13d-	1(c), check this box. [ ]		

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Item 4. Ownership:

(a)	Amount Beneficially Owned:		
(b)	Percent of Class:	5.2%	
(c)	Number of shares as to which the person has:		
	(i) sole power to vote or direct the vote:	506,668	
	(ii) shared power to vote or direct the vote:	0	
	(iii) sole power to dispose or direct the disposition of:	506,668	
	(iv) shared power to dispose or direct the disposition of:	0	
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.		

Banc One Equity Capital SBIC Fund II, L.L.C.

Item 8. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

### SCHEDULE 13G

#### Item 10. Certification.

By signing below, I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

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.

Dated: February 13, 2002

BANK ONE CORPORATION

/s/ David J. Kundert By:

Name: David J. Kundert
Title: Executive Vice President