

SULLIVAN TIMOTHY P  
 Form 4  
 March 16, 2011

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 SULLIVAN TIMOTHY P

2. Issuer Name and Ticker or Trading Symbol  
 SIRONA DENTAL SYSTEMS, INC. [SIRO]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 03/16/2011

Director  10% Owner  
 Officer (give title below)  Other (specify below)

C/O MADISON DEARBORN PARTNERS, LLC THREE, FIRST NATIONAL PLAZA, SUITE 4600

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

CHICAGO, IL 60602

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	03/16/2011		S		4,500,000	D	\$ 48.5
					9,747,480	I	

See Footnotes (1) (2) (3)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Benef Own Follo Repo Trans (Instr
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**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SULLIVAN TIMOTHY P C/O MADISON DEARBORN PARTNERS, LLC THREE FIRST NATIONAL PLAZA, SUITE 4600 CHICAGO, IL 60602		X		

**Signatures**

/s/ Timothy P. Sullivan 03/16/2011  
 \*\*Signature of Reporting Person Date

**Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) Owned by Sirona Holdings Luxco S.C.A. ("Luxco").

The following entities may be deemed to have a beneficial interest in the Common Stock held by Luxco: Sirona Holdings S.A. ("Luxco Manager"), by virtue of its being the sole manager of Luxco; MDCP Global Aggregator, L.P. ("MDCP Global Aggregator") by virtue of its being the controlling shareholder of Luxco, MDCP IV Global Investments LP by virtue of its being the controlling shareholder of Sirona Holdings S.A., MDP IV Global GP, LP by virtue of its being the sole general partner of MDCP IV Global Investments LP and MDP Global Investors Limited by virtue of its being the sole general partner of MDP IV Global GP, LP and MDCP Global Aggregator. (Continued in Footnote 3)

(2) A majority of the following members of MDP Global Investors Limited have the authority to vote or dispose of the shares: John A. Canning, Jr., Paul J. Finnegan, Samuel M. Mencoff, Paul R. Wood, Justin S. Huscher, James N. Perry, Jr., Thomas R. Reusche, Cynthia Reusche, Timothy P. Sullivan, Nicholas W. Alexos, Robin P. Selati, Gary J. Little GST Exempt Marital Trust, David F. Mosher and Thomas Souleles. Each of the members of MDP Global Investors Limited and each of MDCP Global Aggregator, MDCP IV Global Investments LP, MDP IV Global GP, LP and MDP Global Investors Limited disclaims beneficial ownership of any shares directly held by Luxco except to the extent of their respective pecuniary interests therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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