

SIRONA DENTAL SYSTEMS, INC.  
 Form 3  
 December 17, 2009

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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)

<p>1. Name and Address of Reporting Person *</p> <p>Â MDCP GLOBAL                  AGGREGATOR, L.P.</p> <p>(Last) (First) (Middle)</p> <p>C/O MADISON DEARBORN                  PARTNERS, LLC,Â THREE                  FIRST NATIONAL PLAZA,                  SUITE 4600</p> <p>(Street)</p> <p>CHICAGO,Â ILÂ 60602</p> <p>(City) (State) (Zip)</p>	<p>2. Date of Event Requiring Statement</p> <p>(Month/Day/Year)</p> <p>12/10/2009</p>	<p>3. Issuer Name and Ticker or Trading Symbol</p> <p>SIRONA DENTAL SYSTEMS, INC. [SIRO]</p>	<p>4. Relationship of Reporting Person(s) to Issuer</p> <p>(Check all applicable)</p> <p>___ Director ___X___ 10% Owner                  ___ Officer ___ Other                  (give title below) (specify below)</p>	<p>5. If Amendment, Date Original Filed(Month/Day/Year)</p>
			<p>6. Individual or Joint/Group Filing(Check Applicable Line)</p> <p>__X__ Form filed by One Reporting Person                  ___ Form filed by More than One Reporting Person</p>	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	28,347,480	I	See footnotes <u>(1)</u>

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

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date	3. Title and Amount of Securities Underlying	4. Conversion	5. Ownership	6. Nature of Indirect Beneficial Ownership
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(Month/Day/Year)	Derivative Security (Instr. 4)	or Exercise Price of Derivative Security	Form of Derivative Security: Direct (D) or Indirect (I)	(Instr. 5)
Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director 10% Owner Officer Other

MDCP GLOBAL AGGREGATOR, L.P.  
 C/O MADISON DEARBORN PARTNERS, LLC  
 THREE FIRST NATIONAL PLAZA, SUITE 4600  
 CHICAGO, IL 60602

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## Signatures

MDP Global Investors Limited, by /s/ Mark Tresnowski, its Managing Director

12/17/2009

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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).
- MDCP IV Global Investments LP transferred its interests in Sirona Holdings Luxco S.C.A. ("Luxco") to MDCP Global Aggregator, L.P. ("MDCP Aggregator") on December 10, 2009, in order to simplify certain U.S. withholding tax certification requirements. As a result,
- (1) MDCP Aggregator may be deemed to share voting and dispositive power of the shares of Common Stock of Sirona Dental Systems, Inc. that are held by Luxco. MDCP Aggregator disclaims beneficial ownership of such shares except to the extent of its pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.