

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

SCHEDULE 14A
(RULE 14a-101)

SCHEDULE 14A INFORMATION
Proxy Statement Pursuant to Section 14(a) of the
Securities Exchange Act of 1934

Filed by the Registrant: x

Filed by a Party other than the Registrant: o

Check the appropriate box:

- o Preliminary Proxy Statement
- o Confidential, for Use of the Commission Only (as Permitted by Rule 14a-6(e)(2))
- o Definitive Proxy Statement
- x Definitive Additional Materials
- o Soliciting Material Pursuant to §240.14a-12

DENTSPLY International Inc.
(Name of Registrant as Specified in Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- x No fee required.
- o Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
 - (1) Title of each class of securities to which transaction applies:

 - (2) Aggregate number of securities to which transaction applies:

 - (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

 - (4) Proposed maximum aggregate value of transaction:

 - (5) Total fee paid:

- o Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the form or schedule and the date of its filing.

 - (1) Amount Previously Paid:

 - (2) Form, Schedule or Registration Statement No.:

 - (3) Filing Party:

 - (4) Date Filed:

DENTSPLY INTERNATIONAL INC.
 224 WEST PHILADELPHIA ST.
 SUITE #300
 YORK, PA 17401-2991

VOTE BY INTERNET - www.proxyvote.com

Use the Internet to transmit your voting instructions and for electronic delivery of information up until 11:59 P.M. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

ELECTRONIC DELIVERY OF FUTURE PROXY MATERIALS

If you would like to reduce the costs incurred by our company in mailing proxy materials, you can consent to receiving all future proxy statements, proxy cards and annual reports electronically via e-mail or the Internet. To sign up for electronic delivery, please follow the instructions above to vote using the Internet and, when prompted, indicate that you agree to receive or access proxy materials electronically in future years.

VOTE BY PHONE - 1-800-690-6903

Use any touch-tone telephone to transmit your voting instructions up until 11:59 P.M. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

KEEP THIS PORTION FOR YOUR RECORDS

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

DETACH AND RETURN THIS PORTION ONLY

The Board of Directors recommends you vote FOR the following:

- | | For | Against | Abstain |
|--------------------------|--------------------------|--------------------------|--------------------------|
| 1. Election of Directors | | | |
| 1 Michael C Alfano | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 Eric K Brandt | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 Willie A. Deese | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 William F. Hecht | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 Francis J. Lunger | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 Bret W. Wise | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- | | For | Against | Abstain |
|---|--------------------------|--------------------------|--------------------------|
| 4. Re-approval of the material terms of the performance goals under the 2010 Equity Incentive Plan. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: To transact such other business as may properly come before the meeting or any adjournment thereof.

The Board of Directors recommends you vote FOR proposals 2, 3 and 4.

- | | For | Against | Abstain |
|--|--------------------------|--------------------------|--------------------------|
| 2. To ratify the appointment of PricewaterhouseCoopers LLP, independent registered public accounting firm, to audit the financial statements of the Company for the year ending December 31, 2015. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. To approve by advisory vote, the compensation of the Company's Executive Officers. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name, by authorized officer.

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Signature [PLEASE SIGN WITHIN BOX] Date

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Signature (Joint Owners) Date

Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting: The Annual Report, Notice & Proxy Statement is/ are available at www.proxyvote.com.

**DENTSPLY INTERNATIONAL INC.
Annual Meeting of Shareholders
May 20, 2015 9:30 AM
This proxy is solicited by the Board of Directors**

The undersigned stockholder of DENTSPLY International Inc. (the "Company") hereby appoints Deborah M. Rasin as the attorney and proxy of the undersigned, with full power of substitution, to vote all shares of Common Stock, par value \$.01 per share, of the Company which the undersigned would be entitled to vote if personally present at the Annual Meeting of Stockholders of the Company, to be held at the Company's World Headquarters, 221 West Philadelphia St., York, Pennsylvania, Suite 60W, on Wednesday, May 20, 2015, commencing at 9:30 a.m., local time, and at any adjournment or postponement thereof, as indicated on the reverse side. This proxy also provides voting instructions for shares held by T. Rowe Price Retirement Plan Services, Inc., the trustee for the DENTSPLY International Inc. Employee Stock Ownership Plan (the "ESOP") and/or DENTSPLY International Inc. 401(k) Savings Plan (the "401 (k)"). I hereby instruct you to (a) vote the shares of Common Stock, par value \$.01 per share ("Common Stock") of DENTSPLY International Inc. (the "Company") allocated to the ESOP and/or 401(k) account in accordance with the directions on the reverse side and (b) to grant a proxy to the proxy nominated by the Company's Board of Directors authorizing her to vote in her discretion upon such other matters as may properly come before the meeting.

This proxy/voting instruction card is solicited pursuant to a separate Notice of Annual Meeting and Proxy Statement, receipt of which is hereby acknowledged. This card should be voted by mail, Internet or telephone, in time to reach the Company's proxy tabulator, Broadridge Financial Solutions, by 11:59 p.m. Eastern Time on Tuesday, May 19, 2015 for all registered shares to be voted, and by 5:00 p.m. Eastern Time on Friday, May 15, 2015, for the Trustee to vote the Plan shares.

Continued and to be signed on reverse side