SMITH & NEPHEW PLC
Form 6-K
June 10, 2013

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16
of the Securities Exchange Act of
1934

June 10, 2013

Commission File Number 001-14978

SMITH & NEPHEW plc
(Registrant's name)

15 Adam Street
London, England WC2N 6LA
(Address of registrant's principal executive offices)

[Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.]

Form 20-F X Form 40-F
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[Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1).]

Yes No X
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[Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7).]

Yes No X
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[Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing information to the Commission pursuant to Rule 12g3-2 (b) under the Securities Exchange Act of 1934.]

Yes No X
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If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2 (b) : 82- n/a.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Smith & Nephew Plc
(Registrant)

Date: June 10, 2013

By: /s/ Susan Swabey

Susan Swabey
Company Secretary

10 June 2013

Smith & Nephew plc (the "Company")

Transaction in Own Shares

The Company has today purchased 300,000 of its Ordinary Shares of US 20¢ each ("Shares") through JP Morgan Cazenove, in accordance with the authority granted by shareholders at the Company's Annual General Meeting on 11 April 2013.

The average price paid 744.7590p per Share.

The highest price paid was 753p per Share and the lowest price paid was 737.50p per Share.

The Company intends to hold these Shares in Treasury. Following the purchase of these Shares, and previous purchases which are yet to settle, the Company holds 62,673,759 of its Shares in Treasury and the Company's issued

share capital, with one voting right per Share consists of 903,750,229 Shares. This is the figure which should be used by shareholders as the denominator when determining whether they are required to notify their interest in, or a change to their interest in, the Company under the FCA's Disclosure and Transparency Rules.

This announcement is made in accordance with the requirements of LR 12.4.6.

Susan Swabey
Company Secretary
Smith & Nephew plc
Tel: 020 7401 7646