

SMITH & NEPHEW PLC  
Form 6-K  
December 13, 2016

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

December 13, 2016

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  Form 40-F  
--- ---

[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   
--- ---

[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   
--- ---

[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   
--- ---

If "Yes" is marked, indicate below the file number assigned to the  
registrant in connection with Rule 12g3-2 (b) : 82- n/a.

13 December 2016  
Smith & Nephew plc (the "Company")

### Completion of \$300 million Buy Back and Commencement of Quarterly Buy Back Programme

The Company announces that the \$300 million buy-back programme announced on 8 August 2016 was completed on 12 December 2016. 19,885,585 shares were bought for a total amount of \$300,013,102.68.

The Company will now commence its Quarterly Buy Back programme of 886,923 of its Ordinary shares of US 20¢ each through Merrill Lynch International (the "Buy Back Programme").

The Company intends to hold these shares in Treasury.

These shares were used in connection with employee share schemes in Quarter 3 2016 and will be purchased at the prevailing market price.

The purpose of this Buy Back programme is to reduce the share capital of the Company, in order to keep it broadly constant. The maximum pecuniary amount allocated to the Buy Back Programme is £11,000,000 and the maximum number of shares that will be purchased under the Buy Back Programme is 886,923. The Buy Back Programme will commence on 14 December 2016 and will end no later than 21 December 2016.

This announcement is made in accordance with the Market Abuse Regulation 596/2014.

Tony Llewellyn  
Deputy Company Secretary  
Smith & Nephew plc  
Tel: 01923 477410

### 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: December 13, 2016

By: /s/ Susan Swabey  
-----

Susan Swabey  
Company Secretary