

Edgar Filing: SMITH & NEPHEW PLC - Form 6-K

SMITH & NEPHEW PLC  
Form 6-K  
October 17, 2007

FORM 6-K

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

October 17, 2007

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   
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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   
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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   
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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   
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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.

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### 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: October 17, 2007

By: /s/ Paul Chambers

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Paul Chambers  
Company Secretary

17 October 2007

Transaction in own shares.

Smith & Nephew plc announces that on 17 October 2007 it purchased 220,000 ordinary shares of US\$0.20 each at a price of 597.4146 pence per share. The purchased shares will be held as treasury shares.

Following the above purchase, Smith & Nephew plc holds 41,550,000 ordinary shares in treasury, and has 904,981,508 ordinary shares in issue (excluding treasury shares).

Paul Chambers  
Company Secretary