SMITH & NEPHEW PLC Form 6-K September 19, 2005

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

September 19, 2005

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

[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

[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

[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

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

SCHEDULE 11

NOTIFICATION OF INTERESTS OF DIRECTORS AND CONNECTED PERSONS

1. Name of company
Smith & Nephew plc
2. Name of director
Dudley Eustace
3. Please state whether notification indicates that it is in respect of holding of the shareholder named in 2 above or in respect of a non-beneficial interest or in the case of an individual holder if it is a holding of that person's spouse or children under the age of 18 or in respect of a non-beneficial interest
Dudley Eustace
4. Name of the registered holder(s) and, if more than one holder, the number of shares held by each of them (if notified)
Dudley Eustace
5. Please state whether notification relates to a person(s) connected with the director named in 2 above and identify the connected person(s)
N/A
6. Please state the nature of the transaction. For PEP transactions please indicate whether general/single co PEP and if discretionary/non discretionary
Purchase of shares
7. Number of shares / amount of stock acquired
14,700

8. Percentage of issued class

Less than 0.01%
9. Number of shares/amount of stock disposed
10. Percentage of issued class
11. Class of security
Ordinary shares of 12 2/9 pence
12. Price per share
490.00 pence
13. Date of transaction
16 September 2005
14. Date company informed
19 September 2005
15. Total holding following this notification
65 , 814
16. Total percentage holding of issued class following this notification
Less than 0.01%
If a director has been granted options by the company please complete the following boxes.

17. Date of grant

- 18. Period during which or date on which exercisable
- 19. Total amount paid (if any) for grant of the option
- 20. Description of shares or debentures involved: class, number
- 21. Exercise price (if fixed at time of grant) or indication that price is to be fixed at time of exercise
- 22. Total number of shares or debentures over which options held following this notification
- 23. Any additional information
- 24. Name of contact and telephone number for queries
- Phil Higgins 0207 960 2228
- 25. Name and signature of authorised company official responsible for making this notification
- Phil Higgins Assistant Company Secretary

Date of Notification

19.09.05

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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: September 19, 2005

By: /s/ Paul Chambers

Paul Chambers Company Secretary