SMITH & NEPHEW PLC Form 6-K February 23, 2006

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

February 23, 2006

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.

#### 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: February 23, 2006

By: /s/ Paul Chambers

Paul Chambers Company Secretary

#### NOTIFICATION OF MAJOR INTERESTS IN SHARES

1. Name of company

Smith & Nephew plc

2. Name of shareholder having a major interest

The Capital Group Companies, Inc.

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

Non-beneficial

4. Name of the registered holder(s) and, if more than one holder, the number of shares held by each of them

Capital Guardian Trust Company: State Street Nominees Ltd 82,550 Bank Of New York Nominees Ltd 1,299,943 Chase Manhattan Bank Australia Ltd 8,500 Chase Nominees Ltd 6,817,656 BT Globenet Nominees Ltd 137,300 Midland Bank plc 194,900 Cede & Co 131,900 Deutsche Bank Mannheim 4,500 Bankers Trust 49,200 Nortrust Nominees 1,385,974 Royal Bank of Scotland 12,000 MSS Nominees Ltd 31,700 State Street Bank & Trust Co 54,300 RBSTB Nominees Ltd 9,700 Deutsche Bank AG 3,600 HSBC Bank plc 600 ROY Nominees Ltd 4,600

Mellon Nominees (UK) Ltd 337,900 HSBC 5,200 JP Morgan Chase Bank 907,333 Capital International Ltd: State Street Nominees Ltd 9,200 Bank of New York Nominees 1,010,846 Northern Trust 415,144 Chase Nominees Ltd 732,645 Midland Bank plc 22,900 Citibank London 130,200 Morgan Guaranty 77,500 Nortrust Nominees 629,226 Royal Bank of Scotland 96,400 State Street Bank & Trust Co 69,000 National Westminster Bank 10,800 Deutsche Bank AG 282,841 HSBC Bank plc 265,565 Mellon Bank NA 28,700 KAS UK 8,900 Bank One London 31,300 Capital International SA: Chase Nominees Ltd 83,900 Midland Bank plc 2,400 National Westminster Bank 10,200 Lloyds Bank 5,200 HSBC Bank plc 38,400 Capital Research and Management Company: State Street Nominees Ltd 17,058,750 Chase Nominees Ltd 82,554,600 State Street Bank & Trust Co 176,500 Capital International Inc Nortrust Nominees 23,000 HSBC Bank plc 11,500 5. Number of shares / amount of stock acquired Not disclosed 6. Percentage of issued class Not disclosed 7. Number of shares / amount of stock disposed 8. Percentage of issued class 9. Class of security

Ordinary shares of US 20 cents

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10. Pate of transaction
Not known
11. Date company informed
23.02.06
12. Total holding following this notification 115,264,973
13. Total percentage holding of issued class following this notification
12.25%
14. Any additional information
•••••
15. Name of contact and telephone number for queries
Phil Higgins - Assistant Company Secretary 020 7960 2228
16. Name and signature of authorised company official responsible for making this notification
Phil Higgins - Assistant Company Secretary
Date of notification
23.02.06
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