SMITH & NEPHEW PLC Form 6-K June 06, 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

June 06, 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: June 06, 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 1,389,550

Bank Of New York Nominees Ltd 1,794,043

Northern Trust 72,200

Chase Manhattan Bank Australia Ltd 8,500

Chase Nominees Ltd 8,330,610

BT Globenet Nominees Ltd 424,600

Midland Bank plc 1,146,300

Cede & Co 142,500

Deutsche Bank Mannheim 4,500

Bankers Trust 294,800

Barclays Bank 18,900

Brown Bros 25,500

Nortrust Nominees 2,819,674

MSS Nominees Ltd 64,700

State Street Bank & Trust Co 138,100

Deutsche Bank AG 3,600

Citibank NA 32,000

HSBC Bank plc 2,900

Mellon Bank NA 109,000

ROY Nominees Ltd 4,600

Mellon Nominees (UK) Ltd 525,200

Bank One London 9,700

HSBC 5,200

JP Morgan Chase Bank 951,633

Capital International Ltd:

State Street Nominees Ltd 21,700

Bank of New York Nominees 713,606

Northern Trust 281,644

Chase Nominees Ltd 784,845

Midland Bank plc 38,200

Morgan Guaranty 77,500

Nortrust Nominees 447,872

State Street Bank & Trust Co 89,600

Citibank 263,700

Deutsche Bank AG 24,700

HSBC Bank plc 286.865

Mellon Bank NA 28,700

KAS UK 24,100

Bank One London 31,300

Raiffeisen Zentral Bank 244,400

Fortis Bank 10,500

Metzler Seel Sohn & Co. 6,500

Nordea Bank 57,000

Bayerische Hypo Und Vereinsbank AG 9,600

Capital International SA:

Chase Nominees Ltd 324,600

Midland Bank plc 6,900

Pictet & Cie 34,700

State Street Bank & Trust Co 30,300

Lloyds Bank 14,800

HSBC Bank plc 98,200

JP Morgan Chase Bank 10,800

Metzler Seel Sohn & Co. 10,200

Capital Research and Management Company:

State Street Nominees Ltd 18,043,000

Chase Nominees Ltd 91,269,800

JPM Nominees Ltd 20,000

State Street Bank & Trust Co 182,000

Capital International Inc
Nortrust Nominees 63,600
HSBC Bank plc 34,900
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
10. Date of transaction
05.06.06
11. Date company informed
06.06.06

12. Total holding following this notification
131,904,442
13. Total percentage holding of issued class following this notification
14.01%
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
06.06.06
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