SMITH & NEPHEW PLC Form 6-K August 25, 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

August 25, 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: August 25, 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

 $4.\ \text{Name}$ 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 2,286,200

Bank Of New York Nominees Ltd 1,373,118

Northern Trust 243,500

Chase Manhattan Bank Australia Ltd 3,100

Chase Nominees Ltd 9,286,566

BT Globenet Nominees Ltd 350,100

Midland Bank plc 1,473,600

Cede & Co 113,700

Deutsche Bank Mannheim 4,500

Bankers Trust 538,145

Barclays Bank 93,000

Brown Bros 42,700

Nortrust Nominees 3,691,034

MSS Nominees Ltd 64,700

State Street Bank & Trust Co 134,500

Citibank 9,800

Citibank NA 32,000

Deutsche Bank AG 3,600

HSBC Bank plc 2,900

Mellon Bank NA 132,000

ROY Nominees Ltd 23,900

Mellon Nominees (UK) Ltd 750,400

HSBC 33,800

JP Morgan Chase Bank 954,133

Capital International Ltd:

State Street Nominees Ltd 67,100

Bank of New York Nominees 1,190,517

Northern Trust 386,544

Chase Nominees Ltd 710,493

Midland Bank plc 125,600

Citibank London 13,500

Morgan Guaranty 77,500

Nortrust Nominees 762,972

MSS Nominees Limited 16,200

State Street Bank & Trust Co 362,100

Lloyds Bank 3,900

Citibank 8,300

Citibank NA 382,700

Deutsche Bank AG 24,700

HSBC Bank plc 291,265

Mellon Bank NA 28,700

Northern Trust AVFC 80,038

KAS UK 33,000

Mellon Nominees (UK) Ltd 48,600

Bank One London 48,400

JP Morgan Chase Bank 7,100

Raiffeisen Zentral Bank 348,300

Fortis Bank 10,500

Metzler Seel Sohn & Co. 8,100

Nordea Bank 75,900

Bayerische Hypo Und Vereinsbank AG 13,000

Capital International SA:

Chase Nominees Ltd 452,500

Midland Bank plc 11,000

Pictet & Cie 50,100

State Street Bank & Trust Co 39,000

Lloyds Bank 18,500

HSBC Bank plc 150,900

JP Morgan Chase Bank 12,900

Metzler Seel Sohn & Co. 11,600

Capital Research and Management Company:

State Street Nominees Ltd 23,381,800
Chase Nominees Ltd 109,191,771
JPM Nominees Ltd 30,000
State Street Bank & Trust Co 182,000
Capital International Inc
State Street Nominees Limited 647,800
Bank of New York Nominees 243,800
Northern Trust 15,400
Chase Nominees Limited 761,000
Midland Bank 19,000
Bankers Trust 11,200
Nortrust Nominees 136,300
State Street Bank & Trust Co 47,900
Citibank 9,000
Citibank NA 132,700
HSBC Bank plc 35,400
JP Morgan Chase Bank 38,100
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
23.08.06
11. Date company informed
25.08.06
12. Total holding following this notification
162,395,696
13. Total percentage holding of issued class following this notification
17.24%
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

25.08.06

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