

SMITH & NEPHEW PLC  
Form 6-K  
April 21, 2011

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

April 21, 2011

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 <input checked="" type="checkbox"/> | Form 40-F <input type="checkbox"/> |
| ---   | ---                                |

[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 <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| ---                          | ---                                    |

[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 <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| ---                          | ---                                    |

[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 <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| ---                          | ---                                    |

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: April 21, 2011

Susan Henderson

By: /s/ Susan Henderson

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Company Secretary

NOTIFICATION OF TRANSACTIONS OF DIRECTORS/PERSONS DISCHARGING MANAGERIAL RESPONSIBILITY AND CONNECTED PERSONS

SMITH & NEPHEW PLC

21 April 2011

Smith & Nephew plc (the "Company") announces that it received notification on 20 April 2011 that the following directors or persons discharging managerial responsibilities ("PDMR"), as participants in the Company's Employee Stock Purchase Plan (the "Plan"), purchased American Depository Shares ("ADS") as follows:

|  |   |   |   |
|--|---|---|---|
| Name of director/PDMR:                           | Mark Augusti                                  | Joseph DeVivo                                 | John Campo                                    |
| No. of ADSs acquired:                            | 118   | 118   | 118   |
| Percentage of issued class acquired:             | Less than 0.01%                               | Less than 0.01%                               | Less than 0.01%                               |
| Date of transaction:                             | 31 March 2011                                 | 31 March 2011                                 | 31 March 2011                                 |
| Price per ADS:                                   | US\$44.71                                     | US\$44.71                                     | US\$44.71                                     |
| No. of ADSs disposed:                            | n/a   | n/a   | n/a   |
| Percentage of issued class disposed:             | Less than 0.01%                               | Less than 0.01 %                              | Less than 0.01%                               |
| Total holding following notification:            | 9,562 ADS representing 47,810 Ordinary shares | 64,781 Ordinary shares (including 10,917 ADS) | 3,139 ADS representing 15,695 Ordinary shares |
| Total percentage holding following notification: | Less than 0.01%                               | Less than 0.01%                               | Less than 0.01%                               |

These transactions took place in New York, USA.

This announcement is made in accordance with the requirements of DTR 3.1.4 R (1)(a).

One ADS is the equivalent of five Ordinary shares of US\$.20 each.

Gemma Parsons  
Deputy Company Secretary  
Tel: 020 7401 7646

