

SECURITIES AND EXCHANGE COMMISSION

FORM SC 13G/A

Schedule filed to report acquisition of beneficial ownership of 5% or more of a class of equity securities by passive investors and certain institutions [amend]

Filing Date: **2003-02-10**
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FILED BY

DEUTSCHE BANK AG\

CIK: **948046** | IRS No.: **13294498** | State of Incorp.: **18**
Type: **SC 13G/A**

Mailing Address

*TAUNUSANLAGE 12 D-60325
FRANKFURT AM MAIN 18*

Business Address

*TAUNUSANLAGE 12 D-60325
FRANKFURT AM MAIN GE 18*

SUBJECT COMPANY

ARTHROCARE CORP

CIK: **1005010** | IRS No.: **943180312** | State of Incorp.: **DE** | Fiscal Year End: **1231**
Type: **SC 13G/A** | Act: **34** | File No.: **005-48581** | Film No.: **03546501**
SIC: **3845** Electromedical & electrotherapeutic apparatus

Mailing Address

*680 VAQUEROS AVE
SUNNVALE CA 94085*

Business Address

*680 VAQUEROS AVE
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4087360224*

Deutsche Bank AG
Taunusanlage 12, D-60325
Frankfurt am Main
Federal Republic of Germany

Jeffrey A. Ruiz
Vice President
Telephone: (212) 469-3667

February 10, 2003

Securities and Exchange Commission
SEC Document Control
450 Fifth Street, N.W.
Washington, DC 20549
Attn: Filing Desk

Dear Sir or Madame:

Re: Filing of Schedule 13G - Arthrocare Corporation

Pursuant to Rule 13d-1 of the Securities Exchange Act of 1934, attached is one copy of Schedule 13G with respect to the common stock of the above referenced corporation.

Please acknowledge your receipt of the Schedule 13G by return e-mail confirmation.

Sincerely,

Jeffrey A. Ruiz

Enclosures

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

(Amendment No. 2)

Under the Securities Exchange Act of 1934

Arthrocare Corporation

NAME OF ISSUER:

Common Stock (\$0.001 Par Value)

TITLE OF CLASS OF SECURITIES

043136100

CUSIP NUMBER

December 31, 2002

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

1. NAME OF REPORTING PERSONS

S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

Deutsche Bank AG*

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(A) []

(B) []

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Federal Republic of Germany

NUMBER OF	5.	SOLE VOTING POWER
SHARES		771,234
BENEFICIALLY	6.	SHARED VOTING POWER
OWNED BY		20,071
EACH	7.	SOLE DISPOSITIVE POWER
REPORTING		1,449,043
PERSON WITH	8.	SHARED DISPOSITIVE POWER
		0

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,449,043

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 9 EXCLUDES CERTAIN SHARES []

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

6.9%

12. TYPE OF REPORTING PERSON

HC, CO

* In accordance with Securities Exchange Act Release No. 39538 (January 12, 1998), this filing reflects the securities beneficially owned by the Private Clients and Asset Management business group ("PCAM") of Deutsche Bank AG and its subsidiaries and affiliates (collectively, "DBAG"). This filing does not reflect securities, if any, beneficially owned by any other business group of DBAG. Consistent with Rule 13d-4 under the Securities Exchange Act of 1934 ("Act"), this filing shall not be construed as an admission that PCAM is, for purposes of Section 13(d) under the Act, the beneficial owner of any securities covered by the filing.

In addition, this filing amends the Schedule 13G previously filed by Zurich

Scudder Investments, Inc. ("Scudder"). DBAG acquired Scudder on April 5, 2002. As a result, Scudder (currently known as Deutsche Investment Management Americas, Inc.) became a wholly-owned subsidiary of DBAG and part of PCAM.

1. NAME OF REPORTING PERSONS

S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

Deutsche Bank Trust Company Americas

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(A)

(B)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF	5.	SOLE VOTING POWER
SHARES		680,764
BENEFICIALLY	6.	SHARED VOTING POWER
OWNED BY		20,071
EACH	7.	SOLE DISPOSITIVE POWER
REPORTING		1,358,573
PERSON WITH	8.	SHARED DISPOSITIVE POWER
		0

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,358,573

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 9 EXCLUDES CERTAIN SHARES

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

6.5%

12. TYPE OF REPORTING PERSON

BK, CO

1. NAME OF REPORTING PERSONS

S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

Deutsche Investment Management Americas Inc.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(A)

(B)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF	5.	SOLE VOTING POWER
SHARES		90,470
BENEFICIALLY	6.	SHARED VOTING POWER
OWNED BY		0
EACH	7.	SOLE DISPOSITIVE POWER
REPORTING		90,470
PERSON WITH	8.	SHARED DISPOSITIVE POWER
		0

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

90,470

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 9 EXCLUDES CERTAIN SHARES

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

0.43%

12. TYPE OF REPORTING PERSON

IA, CO

- Item 1(a). Name of Issuer:
Arthrocare Corporation
- Item 1(b). Address of Issuer's Principal Executive Offices:
The address of the Issuer's principal executive offices is:
595 North Pastoria Avenue Sunnydale, CA 94086-2916 USA
- Item 2(a). Name of Person Filing:
This statement is filed on behalf of Deutsche Bank AG,
("Reporting Person").
- Item 2(b). Address of Principal Business Office or, if none, Residence:
The principal place of business of the Reporting Person is:
Taunusanlage 12, D-60325
Frankfurt am Main
Federal Republic of Germany
- Item 2(c). Citizenship:
The citizenship of the Reporting Person is set forth on the
cover page.
- Item 2(d). Title of Class of Securities:
The title of the securities is common stock, \$0.001 par value
("Common Stock").
- Item 2(e). CUSIP Number:
The CUSIP number of the Common Stock is set forth on the cover
page.
- Item 3. If this statement is filed pursuant to Rules 13d-1(b), or

13d-2(b) or (c), check whether the person filing is a:

(a) Broker or dealer registered under section 15 of the Act;

(b) Bank as defined in section 3(a)(6) of the Act;

Deutsche Bank Trust Company Americas

(c) Insurance Company as defined in section 3(a)(19) of the Act;

(d) Investment Company registered under section 8 of the Investment Company Act of 1940;

(e) An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);

Deutsche Investment Management Americas Inc.

(f) An employee benefit plan, or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);

(g) parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);

Deutsche Bank AG, Frankfurt am Main/Germany

(h) A savings association as defined in section 3(b) of the Federal Deposit Insurance Act;

(i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940;

(j) Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

Item 4.

Ownership.

(a) Amount beneficially owned:

The Reporting Person owns the amount of the Common Stock as set forth on the cover page.

(b) Percent of class:

The Reporting Person owns the percentage of the Common Stock as set forth on the cover page.

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote:

The Reporting Person has the sole power to vote or direct the vote of the Common Stock as set forth on the cover page.

(ii) shared power to vote or to direct the vote:

The Reporting Person has the shared power to vote or direct the vote of the Common Stock as set forth on the cover page.

(iii) sole power to dispose or to direct the disposition of:

The Reporting Person has the sole power to dispose or direct the disposition of the Common Stock as set forth on the cover page.

(iv) shared power to dispose or to direct the disposition of:

The Reporting Person has the shared power to dispose or direct the disposition of the Common Stock as set forth on the cover page.

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Subsidiary

Item 3 Classification

Deutsche Investment Management
Americas Inc.

Investment Advisor

Deutsche Bank Trust Company

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: 2/10/03

DEUTSCHE BANK AG

By: /s/ Jeffrey A. Ruiz
Name: Jeffrey A. Ruiz
Title: Vice President

By: /s/ Margaret M. Adams
Name: Margaret M. Adams
Title: Director

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: 2/10/03

Deutsche Investment Management Americas Inc.

By: /s/ William G. Butterly III
Name: William G. Butterly III
Title: Secretary

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: 2/10/03

Deutsche Bank Trust Company Americas

By: /s/ James T. Byrne, Jr.
Name: James T. Byrne, Jr.
Title: Secretary