

NATUS MEDICAL INC  
Form SC 13D/A  
March 10, 2010

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

SCHEDULE 13D

Under the Securities Exchange Act of 1934  
(Amendment No. 14)

NATUS MEDICAL INCORPORATED (BABY)  
(Name of Issuer)

Common Stock  
(Title of Class of Securities)

639050103  
(CUSIP Number)

David Nierenberg  
The D3 Family Funds  
19605 NE 8th Street  
Camas, WA 98607  
(360) 604-8600

With a copy to:

Christopher P. Davis  
Kleinberg, Kaplan, Wolff & Cohen, P.C.  
551 Fifth Avenue  
New York, NY 10176  
(212) 986-6000

(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

March 8, 2010  
(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box .



1 NAME OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)

The D3 Family Fund, L.P.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) T  
(b) £

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)  
WC

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) £

6 CITIZENSHIP OR PLACE OF ORGANIZATION  
Washington

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
8	SHARED VOTING POWER 447,883 common shares (1.6%)	
9	SOLE DISPOSITIVE POWER 0	
10	SHARED DISPOSITIVE POWER 447,883	

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
For the reporting person listed on this page, 447,883; for all reporting persons as a group, 2,803,007 shares (9.9%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  
For the reporting person listed on this page, 1.6%; for all reporting persons as a group 9.9%

14 TYPE OF REPORTING PERSON (See Instructions)  
PN



1 NAME OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)

The D3 Family Bulldog Fund, L.P.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) T  
(b) £

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)  
WC

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) £

6 CITIZENSHIP OR PLACE OF ORGANIZATION  
Washington

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 1,802,455 common shares (6.3%)
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 1,802,455

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
For the reporting person listed on this page, 1,802,455; for all reporting persons as a group, 2,803,007 shares (9.9%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  
For the reporting person listed on this page, 6.3%; for all reporting persons as a group, 9.9%

14 TYPE OF REPORTING PERSON  
PN



1 NAME OF REPORTING PERSONS

The D3 Family Canadian Fund, L.P.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) T  
(b) £

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)

WC

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) £

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Washington

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7   8  9  10	SOLE VOTING POWER 0  SHARED VOTING POWER 129,931 common shares (0.5%)  SOLE DISPOSITIVE POWER 0  SHARED DISPOSITIVE POWER 129,931
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11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

For the reporting person listed on this page, 129,931; for all reporting persons as a group, 2,803,007 shares (9.9%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

For the reporting person listed on this page, 0.5%; for all reporting persons as a group, 9.9%

14 TYPE OF REPORTING PERSON

PN

1 NAME OF REPORTING PERSONS

The DIII Offshore Fund, L.P.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) T

(b) £

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)

WC

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) £

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Bahamas

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
OWNED BY EACH REPORTING PERSON WITH	8	SHARED VOTING POWER 422,738 common shares (1.5%)
PERSON WITH	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 422,738

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

For the reporting person listed on this page, 422,738; for all reporting persons as a group, 2,803,007 shares (9.9%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

For the reporting person listed on this page, 1.5%; for all reporting persons as a group, 9.9%

14 TYPE OF REPORTING PERSON

PN



1 NAME OF REPORTING PERSONS  
Nierenberg Investment Management Company, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) T  
(b) £

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)  
AF

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) £

6 CITIZENSHIP OR PLACE OF ORGANIZATION  
Washington

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 2,803,007 shares (9.9%)
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 2,803,007 shares

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
For the reporting person listed on this page, 2,803,007; for all reporting persons as a group, 2,803,007 shares (9.9%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  
For the reporting person listed on this page, 9.9%; for all reporting persons as a group 9.9%

14 TYPE OF REPORTING PERSON  
CO

1 NAME OF REPORTING PERSONS

Nierenberg Investment Management Offshore, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) T  
(b) £

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)

AF

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) £

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Bahamas

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 422,738 common shares (1.5%)
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 422,738 common shares

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

For the reporting person listed on this page, 422,738; for all reporting persons as a group, 2,803,007 shares (9.9%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

For the reporting person listed on this page, 1.5%; for all reporting persons as a group, 9.9%

14 TYPE OF REPORTING PERSON

CO

1 NAME OF REPORTING PERSONS  
David Nierenberg

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) T  
(b) £

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)  
AF

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) £

6 CITIZENSHIP OR PLACE OF ORGANIZATION  
United States of America

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7  8  9  10	SOLE VOTING POWER 0  SHARED VOTING POWER 2,803,007 common shares (9.9%)  SOLE DISPOSITIVE POWER 0  SHARED DISPOSITIVE POWER 2,803,007
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11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
For the reporting person listed on this page, 2,803,007; for all reporting persons as a group, 2,803,007 shares (9.9%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  
For the reporting person listed on this page, 9.9%; for all reporting persons as a group, 9.9%

14 TYPE OF REPORTING PERSON  
IN

This Amendment No. 14 to Schedule 13D (this “Amendment”) amends the below-indicated Items from the Schedule 13D with respect to the (shares of common stock) (the “Common Stock”) of Natus Medical Incorporated (the “Issuer”) previously filed by or on behalf of the Reporting Persons (as defined below), as previously amended (collectively the “Schedule 13D”), by supplementing such Items with the information below.

The names of the persons filing this Amendment (collectively, the “Reporting Persons”) are: The D3 Family Fund, L.P. (the “Family Fund”), The D3 Family Bulldog Fund, L.P. (the “Bulldog Fund”), The D3 Family Canadian Fund, L.P. (the “Canadian Fund”), The DIII Offshore Fund, L.P. (the “Offshore Fund”), Nierenberg Investment Management Company, Inc. (“NIMCO”), Nierenberg Investment Management Offshore, Inc. (“NIMO”) and David Nierenberg (“Mr. Nierenberg”).

Item 5. Interest in Securities of the Issuer.

(a) The Reporting Persons, in the aggregate, beneficially own 2,803,007 shares of Common Stock, constituting approximately 9.9% of the outstanding shares.

(b) The Family Fund, NIMCO and Mr. Nierenberg have shared power (i) to vote or direct the vote of, and (ii) to dispose or direct the disposition of, the 447,883 shares of Common Stock held by the Family Fund.

The Bulldog Fund, NIMCO and Mr. Nierenberg have shared power (i) to vote or direct the vote of, and (ii) to dispose or direct the disposition of, the 1,802,455 shares of Common Stock held by the Bulldog Fund.

The Canadian Fund, NIMCO and Mr. Nierenberg have shared power (i) to vote or direct the vote of, and (ii) to dispose or direct the disposition of, the 129,931 shares of Common Stock held by the Canadian Fund.

The Offshore Fund, NIMO, NIMCO and Mr. Nierenberg have shared power (i) to vote or direct the vote of, and (ii) to dispose or direct the disposition of, the 422,738 shares of Common Stock held by the Offshore Fund.

(c) Since the previous amendment to the Schedule 13D the following sales of shares of Common Stock were made by the Reporting Persons named below in open market transactions:

Portfolio	Trade Date	Shares Sold	Price
D3 Family Fund, LP	01/22/2010	7,500	14.50
D3 Family Bulldog Fund, LP	01/22/2010	32,500	14.50
D3 Family Fund, LP	02/22/2010	4,100	14.10
D3 Family Bulldog Fund, LP	02/22/2010	16,000	14.10
D3 Family Fund, LP	02/24/2010	1,200	14.02
D3 Family Bulldog Fund, LP	02/24/2010	7,407	14.02
D3 Family Fund, LP	03/02/2010	16,293	14.16
D3 Family Bulldog Fund, LP	03/02/2010	65,000	14.16
D3 Family Fund, LP	03/03/2010	16,263	14.36
D3 Family Bulldog Fund, LP	03/03/2010	65,000	14.36
D3 Family Fund, LP	03/05/2010	9,852	14.40
D3 Family Bulldog Fund, LP	03/05/2010	39,000	14.40
D3 Family Fund, LP	03/08/2010	23,000	14.40
D3 Family Bulldog Fund, LP	03/08/2010	90,000	14.40
DIII Offshore Fund, LP	03/08/2010	16,718	14.40
D3 Family Fund, LP	03/09/2010	6,200	14.46
D3 Family Bulldog Fund, LP	03/09/2010	26,404	14.46
DIII Offshore Fund, LP	03/09/2010	6,600	14.46

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, each of the undersigned certifies that the information set forth in the Statement is true, complete and correct.

The D3 Family Fund, L.P., The D3 Bulldog Fund, L.P.,  
and The D3 Family Canadian Fund, L.P.

By: Nierenberg Investment Management  
Company, Inc.

Its: General Partner

By: /s/ David Nierenberg  
David Nierenberg, President

March 10, 2010

The DIII Offshore Fund, L.P.

By: Nierenberg Investment Management  
Offshore, Inc.

Its: General Partner

By: /s/ David Nierenberg  
David Nierenberg, President

March 10, 2010

Nierenberg Investment Management  
Company, Inc.

By: /s/ David Nierenberg  
David Nierenberg, President

March 10, 2010

Nierenberg Investment Management  
Offshore, Inc.

By: /s/ David Nierenberg  
David Nierenberg, President

March 10, 2010

/s/ David Nierenberg  
David Nierenberg

March 10, 2010