NATUS MEDICAL INC Form SC 13D/A February 08, 2005

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

SCHEDULE 13D/A Under the Securities Act of 1934 (Amendment No. 6)

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

February 7, 2005 (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 ss.ss.240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box: $|_|$

1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON		
	The D3 Family Fund, L.P. (David Nierenberg is president of Partner, which is Nierenberg Investment Management Company.		eneral
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	
3	SEC USE ONLY		
4	SOURCE OF FUNDS		
	WC		

|_|

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

6	CITIZENSHI	EP OR	PLACE OF ORGANIZATION	
	Washingtor	l		
		7	SOLE VOTING POWER	
	HARES FICIALLY NED BY		1,427,022 common shares (8.4%)	
SH BENEF OWN		8	SHARED VOTING POWER	
			0	
		9	SOLE DISPOSITIVE POWER	
PI			1,427,022	
T	NITH	10	SHARED DISPOSITIVE POWER	
			0	
11	AGGREGATE	AMOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	2,558,514	shar	es (15.0%)	
12	2 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES _			
13	PERCENT OF		SS REPRESENTED BY AMOUNT IN ROW (11)	
	15.0%			
14	TYPE OF RE	EPORT	ING PERSON	
	PN			
			2	
1			ING PERSON IDENTIFICATION NOS. OF ABOVE PERSON	
		-	Retirement Fund, L.P. (David Nierenberg is president of r, which is Nierenberg Investment Management Company.)	the
2	CHECK THE	APPR	OPRIATE BOX IF A MEMBER OF A GROUP (a) X (b) _	
3	SEC USE ON	1LY		
4	SOURCE OF	FUND	S	

	WC			
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _			
 6	CITIZENSH	HIP O	OR PLACE OF ORGANIZATION	
	Washingto	on		
		7	SOLE VOTING POWER	
			473,940 common shares (2.8%)	
NUMBER OF		8	SHARED VOTING POWER	
	SHARES EFICIALLY		0	
	WNED BY EACH	9	SOLE DISPOSITIVE POWER	
	EPORTING PERSON		473,940	
	WITH	10	SHARED DISPOSITIVE POWER	
			0	
 11	AGGREGATE	E AMO	DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	2,558,514	l sha	ares (15.0%)	
12	СНЕСК ВОХ	LIF	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN	N SHARES _
 13	PERCENT (DF CL	ASS REPRESENTED BY AMOUNT IN ROW (11)	
	15.0%			
 14	TYPE OF REPORTING PERSON			
	PN			
			3	
1			RTING PERSON 3. IDENTIFICATION NOS. OF ABOVE PERSON	
			een's Fund, L.P. (David Nierenberg is president of ch is Nierenberg Investment Management Company.)	the General
2	СНЕСК ТНЕ	APP	PROPRIATE BOX IF A MEMBER OF A GROUP	a) X
			(k) _
3	SEC USE (DNLY		

_____ 4 SOURCE OF FUNDS WC _____ _____ CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED 5 PURSUANT TO ITEMS 2(d) OR 2(e) |_| _____ 6 CITIZENSHIP OR PLACE OF ORGANIZATION Washington _____ _____ 7 SOLE VOTING POWER 88,661 common shares (0.5%) _____ _____ NUMBER OF 8 SHARED VOTING POWER SHARES BENEFICIALLY 0 OWNED BY _____ 9 SOLE DISPOSITIVE POWER EACH REPORTING PERSON 88,661 WITH _____ 10 SHARED DISPOSITIVE POWER 0 _____ -----11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,558,514 shares (15.0%) _____ 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES _____ PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 13 15.0% _____ 14 TYPE OF REPORTING PERSON PN _____ 4 _____ 1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON The D3 Offshore Fund, L.P. (David Nierenberg is president of the General Partner, which is Nierenberg Investment Management Company.) _____ _____ 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) |X| (b) |_|

_____ 3 SEC USE ONLY _____ 4 SOURCE OF FUNDS WC _____ CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED 5 PURSUANT TO ITEMS 2(d) OR 2(e) 1_1 _____ 6 CITIZENSHIP OR PLACE OF ORGANIZATION Washington _____ 7 SOLE VOTING POWER 300,658 common shares (1.8%) _____ _____ NUMBER OF 8 SHARED VOTING POWER SHARES 0 BENEFICIALLY OWNED BY _____ 9 SOLE DISPOSITIVE POWER EACH REPORTING PERSON 300,658 WITH _____ 10 SHARED DISPOSITIVE POWER 0 _____ AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 11 2,558,514 shares (15.0%) _____ 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES _____ PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 13 15.0% _____ _____ 14 TYPE OF REPORTING PERSON ΡN _____ 5 _____ 1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON The D3 Family Bulldog Fund, L.P. (David Nierenberg is president of the General Partner, which is Nierenberg Investment Management Company.) _____ _____ _____

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2				(a) (b)		
3	SEC USE ONLY					
4 SOURCE OF FUNDS						
	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						
	Washingtor	1				
		7	SOLE VOTING POWER			
	MBER OF SHARES SFICIALLY INED BY EACH SPORTING PERSON WITH		268,233 common shares (1.6%)			
		8	SHARED VOTING POWER			
BENE			0			
E		9	SOLE DISPOSITIVE POWER			
PE			268,233			
v		10	SHARED DISPOSITIVE POWER			
			0			
11	11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
2,558,514 shares (15.0%)						
12	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTA	AIN SH	ARES	_
13	3 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)					
	15.0%					
14	TYPE OF REPORTING PERSON					
	PN					

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Item 1. Security and Issuer.

Common stock of Natus Medical Incorporated, 1501 Industrial Road, San Carlos. CA 94070

Item 2. Identity and Background.

The D3 Family Fund, L.P. is a Washington State limited partnership, whose principal business is investing in the equities of public micro-cap issuers. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

Item 3. Source and Amount of Funds or Other Consideration

Source of funds is money invested in the partnership by its partners.

Item 4. Purpose of Transaction

We mentioned in our December 6, 2004, 13D filing that we would happily buy more shares of BABY if we could do so without triggering the poison pill. On Friday, February 4th, we called Jim Hawkins, the CEO, with a request that he and the other members of the Board of Directors consider allowing us to purchase up to 20% of the company, without triggering the pill.

Item 5. Interest in Securities of the Issuer.

(a,b) D3 Family Fund, L.P. owns and has sole voting and dispositive power over 1,427,022 common shares of BABY.

- (c) N/A
- (d) N/A
- (e) N/A
- Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.
 - N/A
- Item 7. Material to be Filed as Exhibits

N/A

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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.

February 7, 2005

/s/ DAVID NIERENBERG

President Nierenberg Investment Management Company, Inc., the General Partner of The D3 Family Fund, L.P. 8

Item 1. Security and Issuer.

Common stock of Natus Medical Incorporated, 1501 Industrial Road, San Carlos. CA 94070

Item 2. Identity and Background.

The D3 Family Retirement Fund, L.P. is a Washington State limited partnership, whose principal Business is investing in the equities of public micro-cap issuers. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

Item 3. Source and Amount of Funds or Other Consideration

Source of funds is money invested in the partnership by its partners.

Item 4. Purpose of Transaction

We mentioned in our December 6, 2004, 13D filing that we would happily buy more shares of BABY if we could do so without triggering the poison pill. On Friday, February 4th, we called Jim Hawkins, the CEO, with a request that he and the other members of the Board of Directors consider allowing us to purchase up to 20% of the company, without triggering the pill.

Item 5. Interest in Securities of the Issuer.

(a,b) The D3 Family Retirement Fund, L.P. owns and has sole voting and dispositive power over 473,940 common shares of BABY.

- (c) N/A
- (d) N/A
- (e) N/A
- Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.

N/A

Item 7. Material to be Filed as Exhibits

N/A

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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.

February 7, 2005	/s/ DAVID NIERENBERG

Date

David Nierenberg President Nierenberg Investment Management Company, Inc., the General Partner of the D3 Family Retirement Fund, L.P.

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Item 1. Security and Issuer.

Common stock of Natus Medical Incorporated, 1501 Industrial Road, San Carlos. CA 94070

Item 2. Identity and Background.

The D3 Children's Fund, L.P. is a Washington State limited partnership, whose principal business is investing in the equities of public micro-cap issuers. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

Item 3. Source and Amount of Funds or Other Consideration

Source of funds is money invested in the partnership by its partners.

Item 4. Purpose of Transaction

We mentioned in our December 6, 2004, 13D filing that we would happily buy more shares of BABY if we could do so without triggering the poison pill. On Friday, February 4th, we called Jim Hawkins, the CEO, with a request that he and the other members of the Board of Directors consider allowing us to purchase up to 20% of the company, without triggering the pill.

Item 5. Interest in Securities of the Issuer.

(a,b) The D3 Children's Fund, L.P. owns and has sole voting and dispositive power over 88,661 common shares of BABY.

- (c) N/A
- (d) N/A
- (e) N/A
- Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.
 - N/A
- Item 7. Material to be Filed as Exhibits

N/A

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.

February 7, 2005 /s/ DAVID NIERENBERG Date David Nierenberg President Nierenberg Investment Management Company, Inc., the General Partner of the D3 Children's Fund L.P.

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Item 1. Security and Issuer.

Common stock of Natus Medical Incorporated, 1501 Industrial Road, San Carlos. CA 94070

Item 2. Identity and Background.

The D3 Offshore Fund, L.P. is a Washington State limited partnership, whose principal Business is investing in the equities of public micro-cap issuers. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

Item 3. Source and Amount of Funds or Other Consideration

Source of funds is money invested in the partnership by its partners.

Item 4. Purpose of Transaction

We mentioned in our December 6, 2004, 13D filing that we would happily buy more shares of BABY if we could do so without triggering the poison pill. On Friday, February 4th, we called Jim Hawkins, the CEO, with a request that he and the other members of the Board of Directors consider allowing us to purchase up to 20% of the company, without triggering the pill.

Item 5. Interest in Securities of the Issuer.

(a,b) The D3 Offshore Fund, L.P. owns and has sole voting and dispositive power over 300,658 common shares of BABY.

- (c) N/A
- (d) N/A
- (e) N/A

N/A

Item 7. Material to be Filed as Exhibits

N/A

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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.

February 7, 2005	/s/ DAVID NIERENBERG
Date	David Nierenberg
	President
	Nierenberg Investment Management Company,
	Inc., the General Partner of the D3
	Offshore Fund, L.P.

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Item 1. Security and Issuer.

Common stock of Natus Medical Incorporated, 1501 Industrial Road, San Carlos. CA 94070

Item 2. Identity and Background.

The D3 Family Bulldog Fund, L.P. is a Washington State limited partnership, whose principal Business is investing in the equities of public micro-cap issuers. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

Item 3. Source and Amount of Funds or Other Consideration

Source of funds is money invested in the partnership by its partners.

Item 4. Purpose of Transaction

We mentioned in our December 6, 2004, 13D filing that we would happily buy more shares of BABY if we could do so without triggering the poison pill. On Friday, February 4th, we called Jim Hawkins, the CEO, with a request that he and the other members of the Board of Directors consider allowing us to purchase up to 20% of the company, without triggering the pill.

Item 5. Interest in Securities of the Issuer.

(a,b) The D3 Family Bulldog Fund, L.P. owns and has sole voting and dispositive power over 268,233 common shares of BABY.

- (c) N/A
- (d) N/A
- (e) N/A

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.

N/A

Item 7. Material to be Filed as Exhibits

N/A

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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.

February 7, 2005	/s/ DAVID NIERENBERG
Date	David Nierenberg
	President
	Nierenberg Investment Management Company,
	Inc., the General Partner of the D3
	Family Bulldog Fund, L.P.

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