NATUS MEDICAL INC Form SC 13D/A December 07, 2004

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

SCHEDULE 13D/A
Under the Securities Act of 1934
(Amendment No. 5)

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)

 $$\operatorname{\textsc{December}}\xspace$ (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 NO. 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			ISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED EMS 2(d) OR 2(e)	1_1
6			PLACE OF ORGANIZATION	
	Washingto 	n 		
		7	SOLE VOTING POWER	
			1,427,022 common shares (8.4%)	
N	UMBER OF	8	SHARED VOTING POWER	
	SHARES EFICIALLY		0	
10	WNED BY EACH	9	SOLE DISPOSITIVE POWER	
	EPORTING			
]	PERSON WITH		1,427,022	
		10	SHARED DISPOSITIVE POWER	
			0	
11	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSO	 ON
	2,558,514	shar	es (14.998%)	
12	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CER	TAIN SHARES _
13	PERCENT O	F CLA	SS REPRESENTED BY AMOUNT IN ROW (11)	
	14.998%			
14	TYPE OF R	 EPORT	ING PERSON	
	PN			
			2	
1			ING PERSON IDENTIFICATION NO. OF ABOVE PERSON	
			Retirement Fund, L.P. (David Nierenberg is par, which is Nierenberg Investment Management	
2	CHECK THE	APPR	OPRIATE BOX IF A MEMBER OF A GROUP	(a) X
				(b) _
3	SEC USE O	NLY		
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	R PLACE OF ORGANIZATION			
	Washingto	n				
		7	SOLE VOTING POWER			
			473,940 common shares (2.8%)			
	UMBER OF	8	SHARED VOTING POWER			
BEN	SHARES EFICIALLY		0			
	WNED BY EACH	9	SOLE DISPOSITIVE POWER			
	EPORTING PERSON		473,940			
	WITH	10	SHARED DISPOSITIVE POWER			
			0			
11	AGGREGATE	AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	N		
	2,558,514	l sha	res (14.998%)			
12	CHECK BOX	 K IF	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTA	AIN S	HARES _	
13	PERCENT C	F CL	ASS REPRESENTED BY AMOUNT IN ROW (11)			
	14.998%					
14	TYPE OF F	EPOR	TING PERSON			
	PN					
			3			
1			TING PERSON . IDENTIFICATION NO. OF ABOVE PERSON			
	The D3 Ch	nildr	en's Fund, L.P. (David Nierenberg is president h is Nierenberg Investment Management Company.)		he General	
2	CHECK THE	APP	ROPRIATE BOX IF A MEMBER OF A GROUP			
				(a) (b)	X _	
3	SEC USE C	NLY				

4	SOURCE OF	FUNI	 DS			
	WC					
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _					
6	CITIZENSH	IP OF	R PLACE OF ORGANIZATION			
	Washingto	n				
		7	SOLE VOTING POWER			
			88,661 common shares (0.5%)			
	MBER OF	8	SHARED VOTING POWER			
BENE	HARES FICIALLY		0			
	NED BY EACH	9	SOLE DISPOSITIVE POWER			
P	PORTING ERSON		88,661			
	WITH	10	SHARED DISPOSITIVE POWER			
			0			
11	AGGREGATE	AMOU	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSO)N		
	2,558,514	shaı	res (14.998%)			
12	CHECK BOX	IF 3	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERT	`AIN SHARES _		
13	PERCENT O	F CL	ASS REPRESENTED BY AMOUNT IN ROW (11)			
	14.998%					
14	TYPE OF R	EPOR	ING PERSON			
	PN					
			4			
1			ING PERSON IDENTIFICATION NO. OF ABOVE PERSON			
			re Fund, L.P. (David Nierenberg is president on is Nierenberg Investment Management Company.			
2	CHECK THE	APPI	ROPRIATE BOX IF A MEMBER OF A GROUP	(a) X (b) _		

3	SEC USE ONLY						
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	 IP OR	PLACE OF ORGANIZATION				
	Washington	n					
		7	SOLE VOTING POWER				
			300,658 common shares (1.8%)				
	MBER OF	8	SHARED VOTING POWER				
BENE	HARES FICIALLY		0				
	NED BY EACH	9	SOLE DISPOSITIVE POWER				
P	PORTING ERSON		300,658				
	WITH	10	SHARED DISPOSITIVE POWER				
			0				
11	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	2,558,514	shar	es (14.998%)				
12	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES _				
13	PERCENT O	F CLA	SS REPRESENTED BY AMOUNT IN ROW (11)				
	14.998%						
14	TYPE OF R	EPORT	ING PERSON				
	PN						
			5				
1			ING PERSON IDENTIFICATION NO. OF ABOVE PERSON				
		_	Bulldog Fund, L.P. (David Nierenberg is president of the r, which is Nierenberg Investment Management Company.)				

2	CHECK THE	APPR	OPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)		
3	SEC USE OI	NLY				
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	IP OF	PLACE OF ORGANIZATION			
	Washington	า				
		7	SOLE VOTING POWER			
			268,233 common shares (1.6%)			
	UMBER OF SHARES	8	SHARED VOTING POWER			
BENI	EFICIALLY WNED BY		0			
	EACH EPORTING	9	SOLE DISPOSITIVE POWER			
]	PERSON WITH		268,233			
		10	SHARED DISPOSITIVE POWER			
			0			
11	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSO	NC		
	2,558,514	shar	es (14.998%)			
12	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CER	TAIN SH	HARES	_
13	PERCENT O	F CLA	SS REPRESENTED BY AMOUNT IN ROW (11)			
	14.998%					
14	TYPE OF RI	EPORT	ING 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. $\hspace{1cm}$

Item 4. Purpose of Transaction

As we predicted in our amended form 13D, filed on September 30, 2004, we continued acquiring shares of BABY, as a long term investment for our funds, right up to the company's 15% poison pill limit. If we could buy more without triggering the pill, we would happily do so.

We continue to be very pleased with BABY's progress - continued improvements in corporate governance, excellent progress reducing corporate costs ahead of Street expectations, and value-adding M&A activity. We believe BABY is well positioned to grow its newborn hearing screening business rapidly in foreign country markets as well as continue driving domestic revenue growth. The company's strong balance sheet and positive operating cash flows provide considerable dry powder for further value-adding acquisition activity, both here in the United States and abroad.

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)	Date	Shares Bought	Price
	11/04/04	2,750	6.81
	11/09/04	21,900	7.05
	11/10/04	1,000	7.08
	11/11/04	30,600	7.04
	11/12/04	18,000	7.04
	11/15/04	14,000	7.05
	11/16/04	14,700	7.05
	11/17/04	31,400	7.04

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- (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, each of the undersigned certifies that the information set forth in the Statement is true, complete and correct.

December 7, 2004

/s/ DAVID NIERENBERG

President

Nierenberg Investment Management Company, Inc., the General Partner of The D3 Family Family 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 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

As we predicted in our amended form 13D, filed on September 30, 2004, we continued acquiring shares of BABY, as a long term investment for our funds, right up to the company's 15% poison pill limit. If we could buy more without triggering the pill, we would happily do so.

We continue to be very pleased with BABY's progress - continued improvements in corporate governance, excellent progress reducing corporate costs ahead of Street expectations, and value-adding M&A activity. We believe BABY is well positioned to grow its newborn hearing screening business rapidly in foreign country markets as well as continue driving domestic revenue growth. The company's strong balance sheet and positive operating cash flows provide considerable dry powder for further value-adding acquisition activity, both here in the United States and abroad.

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)	Date	Shares Bought	Price
	11/04/04	1,740	6.81
	11/09/04	14,000	7.05

11/11/04	15,500	7.04
11/12/04	12,000	7.04
11/15/04	7,500	7.05
11/16/04	7,750	7.05
11/17/04	11,200	7.04

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- (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.

December 7, 2004	/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

As we predicted in our amended form 13D, filed on September 30, 2004, we

continued acquiring shares of BABY, as a long term investment for our funds, right up to the company's 15% poison pill limit. If we could buy more without triggering the pill, we would happily do so.

We continue to be very pleased with BABY's progress - continued improvements in corporate governance, excellent progress reducing corporate costs ahead of Street expectations, and value-adding M&A activity. We believe BABY is well positioned to grow its newborn hearing screening business rapidly in foreign country markets as well as continue driving domestic revenue growth. The company's strong balance sheet and positive operating cash flows provide considerable dry powder for further value-adding acquisition activity, both here in the United States and abroad.

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

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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.

December 7, 2004 /s/ DAVID NIERENBERG

Date

David Nierenberg

te 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

As we predicted in our amended form 13D, filed on September 30, 2004, we continued acquiring shares of BABY, as a long term investment for our funds, right up to the company's 15% poison pill limit. If we could buy more without triggering the pill, we would happily do so.

We continue to be very pleased with BABY's progress - continued improvements in corporate governance, excellent progress reducing corporate costs ahead of Street expectations, and value-adding M&A activity. We believe BABY is well positioned to grow its newborn hearing screening business rapidly in foreign country markets as well as continue driving domestic revenue growth. The company's strong balance sheet and positive operating cash flows provide considerable dry powder for further value-adding acquisition activity, both here in the United States and abroad.

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)	Date	Shares Bought	Price
	11/04/04	1,000	6.83
	11/09/04	7,000	7.05
	11/11/04	10,000	7.04
	11/12/04	6,000	7.04
	11/15/04	3,500	7.05
	11/16/04	3,750	7.06
	11/17/04	6,200	7.04

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- (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.

December 7, 2004 /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

As we predicted in our amended form 13D, filed on September 30, 2004, we continued acquiring shares of BABY, as a long term investment for our funds, right up to the company's 15% poison pill limit. If we could buy more without triggering the pill, we would happily do so.

We continue to be very pleased with BABY's progress - continued improvements in corporate governance, excellent progress reducing corporate costs ahead of Street expectations, and value-adding M&A activity. We believe BABY is well positioned to grow its newborn hearing screening business rapidly in foreign country markets as well as continue driving domestic revenue growth. The company's strong balance sheet and positive operating cash flows provide considerable dry powder for further value-adding acquisition activity, both here in the United States and abroad.

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

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.

December 7, 2004

/s/ DAVID NIERENBERG

David Nierenberg

Date

President

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

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