VASOMEDICAL INC Form SC 13G/A May 03, 2006

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 1)

VASOMEDICAL, INC. (Name of Issuer)

Common Stock (Title of Class of Securities)

922321104 (CUSIP Number)

December 31, 2005 (Date of Event Which Requires Filing of this Statement)

|_| Rule 13d-1(b) |X| Rule 13d-1(c) |_| Rule 13d-1(d)

OWNED BY 1,589,816

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CUSIP No. 922321104 Page 2 of 13 Pages 1. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Mercator Momentum Fund, L.P. EIN:03-0021366 _____ 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) | | (b) |X| 3. SEC USE ONLY 4. CITIZENSHIP OR PLACE OF ORGANIZATION California NUMBER OF 5. SOLE VOTING POWER SHARES BENEFICIALLY 6. SHARED VOTING POWER

EACH		7.	SOLE DISPOSITIVE POWER		
RE	PORTING		0		
Р	ERSON	8.	SHARED DISPOSITIVE POWER		
	WITH		1,589,816		
9.	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PE	RSON	
	1,589,816				
10.	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CE	RTAIN SH	ARES*
					1_1
11.	PERCENT O	F CLA	SS REPRESENTED BY AMOUNT IN ROW (9)		
	2.61%				
12.	TYPE OF R	EPORT	ING PERSON*		
	PN				
			-2-		
			000000000000000000000000000000000000000		
			SCHEDULE 13G		
CUSI	P No. 9223	21104		Page 3	of 13 Pages
1.			ING PERSONS ICATION NO. OF ABOVE PERSONS (ENTITIES ONL	Υ)	
	Mercator EIN:32-00		tum Fund III, L.P.		
2.	CHECK THE	APPR	OPRIATE BOX IF A MEMBER OF A GROUP*		
				(a) (b)	
3.	SEC USE O	NLY			
4.	 CITIZENSH	IP OR	PLACE OF ORGANIZATION		
	Californi	a 			
NUMBER OF		5.	SOLE VOTING POWER		
SHARES			0		
BENEFICIALLY		6.	SHARED VOTING POWER		
OWNED BY			1,011,754		

	EACH	7.	SOLE DISPOSITIVE POWER			
RE	PORTING		0			
P	ERSON	8.	SHARED DISPOSITIVE POWER			_
,	WITH		1,011,754			
9.	AGGREGATE	AMOU!	NT BENEFICIALLY OWNED BY EACH REPORTING PER	RSON		_
	1,011,754					
10.	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CER	RTAIN S	HARES*	
					_	_
11.			SS REPRESENTED BY AMOUNT IN ROW (9)			
	1.68%					_
12.	TYPE OF RI	EPORT	ING PERSON*			
	PN					_
			-3-			
			SCHEDULE 13G			
CUST	P No. 92232	21104		Page 4	of 13 Page	S
				_		_
1.			ING PERSONS ICATION NO. OF ABOVE PERSONS (ENTITIES ONLY	<u>(</u>)		
			Fund, Ltd.	,		
 2.	CHECK THE	APPR	 OPRIATE BOX IF A MEMBER OF A GROUP*			_
				(a)	1_1	
					X	_
3.	SEC USE O	NLY				
						_
4.	CITIZENSH	IP OR	PLACE OF ORGANIZATION			
	British V	irgin	Islands 			_
NUMBER OF		5.	SOLE VOTING POWER			
SHARES			0			_
BENEFICIALLY		6.	SHARED VOTING POWER			
OWNED BY						
	NED DI		3,790,341 			_

REPORTING PERSON 8.			0		
		8.	SHARED DISPOSITIVE POWER		
	WITH		3,790,341		
9.			NT BENEFICIALLY OWNED BY EACH REPORTING P	ERSON	
	3,790,341 				
10.	CHECK BOX	X IF T	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES C	ERTAIN SHARES	k
					_
11.	PERCENT C	F CLA	SS REPRESENTED BY AMOUNT IN ROW (9)		
	6.01%				
12.	TYPE OF F	REPORT	ING PERSON*		
	PN				
			-4-		
			SCHEDULE 13G		
CUSI	P No. 9223	321104		Page 5 of 13	3 Pages
1.			ING PERSONS ICATION NO. OF ABOVE PERSONS (ENTITIES ON	LY)	
	M.A.G. Ca EIN: 3000	_	, LLC		
2.	CHECK THE	APPR	DPRIATE BOX IF A MEMBER OF A GROUP*		
				(a) _	
				(b) X	
3.	SEC USE C	NLY			
4.	CITIZENSH	HIP OR	PLACE OF ORGANIZATION		
	Californi	.a 			
		5.	SOLE VOTING POWER		
			0		
NU	MBER OF	6.	SHARED VOTING POWER		
S	HARES		6,574,550, some of which are held by Mer		
BENE	FICIALLY		and Mercator Momentum Fund III (together some of which are owned by Monarch Point	e Fund, Ltd.	
OW	NED BY		("MPF") and some of which are owned by M ("MAG"). MAG is the general partner of t		, LLC

EACH REPORTING PERSON			controls the investments of MPF.				
		7.	SOLE DISPOSITIVE POWER				
			0				
		 8.	SHARED DISPOSITIVE POWER				
7	WITH	•		and a second by MDD			
			6,574,550, some of which are held by the F and some by MAG.	unds, some by MPF			
9.	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PER	SON			
	6,574,550)					
10.	CHECK BOX	IF T	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CER	TAIN SHARES*			
				_			
11.	PERCENT C	F CL	SS REPRESENTED BY AMOUNT IN ROW (9)				
	9.99%						
12.	TYPE OF R	REPORT	'ING PERSON*				
	IA						
			-5-				
			GOUDDIU F. 120				
			SCHEDULE 13G				
CUSII	P No. 9223	321104		Page 6 of 13 Pages			
1.			ING PERSONS				
			CICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)			
	David F.						
2.	CHECK THE	APPF	OPRIATE BOX IF A MEMBER OF A GROUP*				
				(a) _ (b) X			
3.	SEC USE C						
4.	CITIZENSH	IIP OF	PLACE OF ORGANIZATION				
	USA						
		5.	SOLE VOTING POWER				
NUI	MBER OF		0				
SI	HARES	6.	SHARED VOTING POWER				
BENEI	FICIALLY						

OWNED BY 6,574,550, all of which are held by the Funds, MPF and MAG. David F. Firestone is Managing Member of MAG. EACH 7. SOLE DISPOSITIVE POWER REPORTING PERSON ______ 8. SHARED DISPOSITIVE POWER WTTH 6,574,550, all of which are held by the Funds, MPF and MAG. David F. Firestone is Managing Member of MAG. _____ 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 6,574,550 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.99% 12. TYPE OF REPORTING PERSON* IN ______

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This statement is hereby amended and restated in its entirety as follows: Item 1. Issuer.

- (a) The name of the issuer is Vasomedical, Inc. (the "Issuer").
- (b) The address of the Issuer's principal executive office is $180 \, \mathrm{Linden}$ Avenue, Westbury, New York 11590.
- Item 2. Reporting Person and Security.
- (a) Mercator Momentum Fund, L.P. ("Momentum Fund") and Mercator Momentum Fund III, L.P. ("Momentum Fund III" and, with Momentum Fund, the "Funds") are private investment limited partnerships organized under California law. The general partner of each of the Funds is M.A.G. Capital, LLC ("MAG"), a California limited liability company. David F. Firestone is the Managing Member of MAG. Monarch Pointe Fund, Ltd. ("MPF") is a corporation organized under the laws of the British Virgin Islands. MAG controls the investments of MPF. The Funds, MPF, MAG and David F. Firestone are referred to herein as the "Reporting Persons."
- (b) The business address of each of the Funds, MAG and David F. Firestone is 555 S. Flower Street, Suite 4200, Los Angeles, CA 90071. The business address of MPF is c/o Bank of Ireland Securities Services, Ltd., New Century House, International Financial Services Center, Mayor Street Lower, Dublin 1, Republic

of Ireland.

- (c) Each of the Funds is a California limited partnership. MAG, their general partner, is a California limited liability company. MPF is a corporation organized under the laws of the British Virgin Islands.
- (d) The title of the class of securities to which this statement relates is the common stock of the Issuer, par value 0.001 per share (the "Common Stock").
 - (e) The CUSIP number is 922321104.
- (a) \mid _ \mid Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78o).
 - (b) |_| Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) $|_|$ Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) $|_|$ Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).

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- (e) |_| An investment adviser in accordance with ss. 240.13d-1 (b) (1) (ii) (E).
- (f) $|_|$ An employee benefit plan or endowment fund in accordance with ss. 240.13d-1(b)(1)(ii)(F).
- (g) $|_|$ A parent holding company or control person in accordance with ss. 240.13d-1(b)(1)(ii)(G).
- (h) $|_|$ A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (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 (15 U.S.C. 80a-3).
 - (j) | | Group, in accordance with ss. 240.13d-1(b)(1)(ii)(J).

Not Applicable.

Item 4. Ownership.

The Funds, MPF and MAG each own warrants to purchase shares of Common Stock. The Funds and MPF each own shares of the Issuer's Series D Preferred Stock (the "Series D Stock") which is convertible into Common Stock. Each share of Series D Stock is convertible into the number of shares of Common Stock determined by dividing \$100 by the Conversion Price at the time of conversion. The Conversion Price is defined as 85% of the volume weighted average trading

price of the Common Stock during the five trading days immediately preceding the conversion, rounded to the nearest ten thousandth; providing, however, that the Conversion Price may not be less than \$0.40 or more than \$0.6606, adjusted for stock splits and similar events. The documentation governing the terms of the warrants and the Series D Stock contains provisions prohibiting any exercise of the warrants or conversion of Series D Stock that would result in the Reporting Persons owning beneficially more than 9.99% of the outstanding shares of Common Stock as determined under Section 13(d) of the Securities Exchange Act of 1934. As a result of these provisions, the Reporting Persons have never had beneficial ownership of more than 9.99% of the outstanding shares of Common Stock.

As of December 31, 2005, the Funds, MPF and MAG owned the following securities of the Issuer:

Momentum Fund owned 23,872 shares of Common Stock and 4,750 shares of Series D Stock and warrants to purchase up to 378,444 shares of Common Stock.

Momentum Fund III owned 47,133 shares of Common Stock and 2,926 shares of Series D Stock and warrants to purchase up to 233,121 shares of Common Stock.

MPF owned 57,131 shares of Common Stock and 11,324 shares of Series D Stock and warrants to purchase up to 902,210 shares of Common Stock.

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MAG owned warrants to purchase up to 378,444 shares of Common Stock.

David F. Firestone owned no securities of the Issuer directly.

The right to vote and the right to dispose of the shares beneficially owned by Momentum Fund, Momentum Fund III and MPF are, in each case, shared among either Momentum Fund, Momentum Fund III or MPF, as applicable, and both MAG and David F. Firestone. The right to vote and the right to dispose of the shares beneficially owned by MAG are shared by MAG and David F. Firestone.

Assuming that the Issuer had 59,364,897 shares of Common Stock outstanding as of December 31, 2005, which is the number reported by the Issuer as outstanding as of October 10, 2005, according to its Quarterly Report on Form 10-Q for the quarter ended August 31, 2005, the individual Reporting Persons had, on December 31, 2005, beneficial ownership of the following numbers of shares of Common Stock which represented the following percentages of the Common Stock outstanding:

	Shares Owned	Percentage
Momentum Fund	1,589,816	2.61%
Momentum Fund III	1,011,754	1.68%
MPF	3,790,341	6.01%
MAG	6,574,550	9.99%
David F. Firestone	6,574,550	9.99%

The percentages of the outstanding Common Stock held by the Reporting Persons set forth above and on the cover pages to this report were determined, using a Conversion Price of \$0.40 with respect to the Series D Stock.

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

If this Schedule is being filed to report the fact that as of the date hereof the Reporting Person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [__]

Not Applicable.

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

Not Applicable.

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Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.

Not Applicable.

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

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certifications.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above 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.

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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.

Dated: May 2, 2006 MERCATOR MOMENTUM FUND, L.P.

By: M.A.G. CAPITAL, LLC, its general partner

By: /s/ Harry Aharonian

Harry Aharonian, Portfolio Manager

Dated: May 2, 2005 MERCATOR MOMENTUM FUND III, L.P.

By: M.A.G. CAPITAL, LLC, its general partner

By: /s/ Harry Aharonian

Harry Aharonian, Portfolio Manager

Dated: May 2, 2006 MONARCH POINTE FUND, LTD.

By: /s/ Harry Aharonian

Harry Aharonian, Portfolio Manager

Dated: May 2, 2006 M.A.G. CAPITAL, LLC

By: /s/ Harry Aharonian

Harry Abaronian Dortfolio Manager

Harry Aharonian, Portfolio Manager Dated: May 2, 2006

/s/ David F. Firestone

David F. Firestone

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EXHIBIT INDEX

Exhibit A Agreement of Joint Filing

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EXHIBIT A

AGREEMENT OF JOINT FILING

The undersigned hereby agree that they are filing jointly pursuant to Rule 13d-1 of the Securities Exchange Act of 1934 a report on Schedule 13G, containing the information required by Schedule 13G, for shares of the common

stock of Vasomedical, Inc. beneficially owned by Mercator Momentum Fund, L.P., Mercator Momentum Fund III, L.P., Monarch Pointe Fund, Ltd., M.A.G. Capital, LLC and David F. Firestone and such other holdings as may be reported therein.

Dated: May 2, 2006

MERCATOR MOMENTUM FUND, L.P.

By: M.A.G. CAPITAL, LLC, its general partner

By: /s/ Harry Aharonian

Harry Aharonian, Portfolio Manager

MERCATOR MOMENTUM FUND III, L.P.

By: M.A.G. CAPITAL, LLC, its general partner

By: /s/ Harry Aharonian
Harry Aharonian, Portfolio Manager

MONARCH POINTE FUND, LTD.

By: /s/ Harry Aharonian

Harry Aharonian, Portfolio Manager

M.A.G. CAPITAL, LLC

By: /s/ Harry Aharonian

Harry Aharonian, Portfolio Manager

/s/ David F. Firestone
-----David F. Firestone

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