SPECTRX INC Form SC 13D/A May 29, 2007

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13D (Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULE 13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(a)

(Amendment No. 1)
 SpectRx, Inc.
(Name of Issuer)

Common Stock (Title of Class of Securities)

847635109 (CUSIP Number)

David Musket c/o ProMed Management Inc. 125 Cambridgepark Drive Cambridge, Massachusetts 02140

(617) 441-8800

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

March 12, 2007 (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 Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box |X|.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

(1) The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1			TING PERSON . IDENTIFICATION NOS. OF ABOVE PERSON	
	ProMed Pa	rtne	rs, L.P.	
2	CHECK THE	APP	ROPRIATE BOX IF A MEMBER OF A GROUP*	(a) X (b) _
3	SEC USE C	NLY		
4	SOURCE OF	FUN	DS*	
	WC 			
5			DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED TEMS 2(d) OR 2(e)	1_1
6	CITIZENSH Delaware	IP O	R PLACE OF ORGANIZATION	
		7	SOLE VOTING POWER	
	NUMBER OF		1,216,515	
N			SHARED VOTING POWER	
BEN	SHARES EFICIALLY		0	
0	WNED BY EACH	9	SOLE DISPOSITIVE POWER	
	REPORTING PERSON WITH		0	
			SHARED DISPOSITIVE POWER	
			1,216,515	
11	AGGREGATE		UNT BENEFICIALLY OWNED BY EACH REPORTING PER	
	1,216,515			
12	CHECK BOX		THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CE	
13	PERCENT C		ASS REPRESENTED BY AMOUNT IN ROW (11)	
	8.65%			
14	TYPE OF R		TING PERSON*	
	PN			
			*SEE INSTRUCTIONS BEFORE FILLING OUT!	

CUSIP No. 847635109 ______ NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON ProMed Partners II, L.P. 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 PURSUANT TO ITEMS 2(d) OR 2(e) ______ CITIZENSHIP OR PLACE OF ORGANIZATION Delaware 7 SOLE VOTING POWER 218,532 ______ SHARED VOTING POWER NUMBER OF SHARES BENEFICIALLY 0 OWNED BY ______ 9 SOLE DISPOSITIVE POWER EACH REPORTING PERSON WITH 10 SHARED DISPOSITIVE POWER 218,532 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 218,532 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* |_| PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 1.55% TYPE OF REPORTING PERSON* PΝ

SEE INSTRUCTIONS BEFORE FILLING OUT! CUSIP No. 847635109 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON ProMed Offshore Fund, Ltd. 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) |X| (b) |_| ._____ 3 SEC USE ONLY SOURCE OF FUNDS* WC ______ CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 1_1 _____ CITIZENSHIP OR PLACE OF ORGANIZATION British Virgin Islands ______ SOLE VOTING POWER 195,686 ______ NUMBER OF 8 SHARED VOTING POWER SHARES BENEFICIALLY OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING 0 PERSON WITH ______ 10 SHARED DISPOSITIVE POWER 195,686 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 195,686 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* |_| PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

1.39%

S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON ProMed Offshore Fund II, Ltd. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) X (b) _ SEC USE ONLY 4 SOURCE OF FUNDS* WC CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _	14	TYPE OF F	REPORT	TING PERSON*			
CUSIP No. 847635109 1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON ProMed Offshore Fund II, Ltd. 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) IXI (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 British Virgin Islands 7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES SHARES SHARES SHARES SHARES SHARES SHARED OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* I.		CO					
1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON ProMed Offshore Fund II, Ltd. 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) X (b) _ 3 SEC USE ONLY 4 SOURCE OF FUNDS* WC 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCREDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _ 6 CITIZENSHIP OR PLACE OF ORGANIZATION British Virgin Islands 7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES SBHEFICIALLY 0 COWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* 1.				*SEE INSTRUCTIONS BEFORE FILLING OUT!			
1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON ProMed Offshore Fund II, Ltd. 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) X (b) _ 3 SEC USE ONLY 4 SOURCE OF FUNDS* WC 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCREDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _ 6 CITIZENSHIP OR PLACE OF ORGANIZATION British Virgin Islands 7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES SBHEFICIALLY 0 COWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* 1.							
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON ProMed Offshore Fund II, Ltd. 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) X (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 British Virgin Islands 7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES SENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*	CUS	IP No. 847	63510	09			
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) X (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 British Virgin Islands 7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES SHARES BENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*	1						
(a) X (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 British Virgin Islands 7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES SHARES SHARES SENSFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*		ProMed Of	fshor	ee Fund II, Ltd.			
WC CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) CITIZENSHIP OR PLACE OF ORGANIZATION British Virgin Islands 7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES SENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*	2	CHECK THE	APPF	ROPRIATE BOX IF A MEMBER OF A GROUP*			
WC CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) CITIZENSHIP OR PLACE OF ORGANIZATION British Virgin Islands 7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES SHARES SENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*	3	SEC USE C	NLY				
CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 6 CITIZENSHIP OR PLACE OF ORGANIZATION British Virgin Islands 7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES SENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*	4	SOURCE OF	FUNI	os*			
PURSUANT TO ITEMS 2(d) OR 2(e) _ 6 CITIZENSHIP OR PLACE OF ORGANIZATION British Virgin Islands 7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES SENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*		WC					
British Virgin Islands 7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES BENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*	5			_		_	
7 SOLE VOTING POWER 100,000 NUMBER OF 8 SHARED VOTING POWER SHARES BENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*	6	CITIZENSE	IIP OF	PLACE OF ORGANIZATION			
NUMBER OF 8 SHARED VOTING POWER SHARES BENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*		British V	irgir	ı Islands			
NUMBER OF 8 SHARED VOTING POWER SHARES BENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*			7	SOLE VOTING POWER			
SHARES BENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*				100,000			
BENEFICIALLY 0 OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*			8	SHARED VOTING POWER			
EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 0 WITH 10 SHARED DISPOSITIVE POWER 100,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*	BEN!	EFICIALLY					
PERSON 0 WITH		EACH	9				
100,000 1 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*		PERSON		0			
11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*		WITH	10	SHARED DISPOSITIVE POWER			
100,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*				100,000			
12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*	11	AGGREGATE	AMOU	UNT BENEFICIALLY OWNED BY EACH REPORTING PERS	ON		
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*		100,000					
13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN DOM (11)	12	СНЕСК ВОХ					 _
	: 1 2	DEDCEME (CC DEDDECENTED DV AMOUNT IN DOM (11)			

	.71%					
14	TYPE OF F	EPORI	ING PERSON*			
	CO					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUS	IP No. 847	63510	9			
1			TING PERSON IDENTIFICATION NOS. OF ABOVE PERSON			
	ProMed Ma	nagen	nent, Inc.			
2	CHECK THE	APPF		(a) X (b) _		
3	SEC USE C	NLY				
4	SOURCE OF	FUNI)S*			
	AF, 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			
	Massachus	etts				
		7	SOLE VOTING POWER			
			295,686			
		8	SHARED VOTING POWER			
BEN	SHARES EFICIALLY		0			
	WNED BY EACH	9	SOLE DISPOSITIVE POWER			
	REPORTING PERSON		0			
	WITH	10	SHARED DISPOSITIVE POWER			
			295,686			
11	AGGREGATE	AMOU	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	295 , 686					
 12	CHECK BOX		THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTA	TN SHARES*		

13	PERCENT (OF CL.	ASS REPRESENTED BY AMOUNT IN ROW (11)			
	2.10%					
14	TYPE OF F	REPOR	TING PERSON*			
	IA, CO					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUS	IP No. 847	76351	09			
1			TING PERSON . IDENTIFICATION NOS. OF ABOVE PERSON			
	ProMed As	sset !	Management, LLC			
2	CHECK THE	E APP	ROPRIATE BOX IF A MEMBER OF A GROUP*		X _	
3	SEC USE (NLY				
4	SOURCE OF	FUN	 DS*			
	AF, WC					
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _					
6	CITIZENS	HIP 0	R PLACE OF ORGANIZATION			
	Massachus	setts				
		7	SOLE VOTING POWER			
			1,435,047			
N	UMBER OF	8	SHARED VOTING POWER			
	SHARES EFICIALLY		0			
OWNED BY EACH REPORTING PERSON WITH		9	SOLE DISPOSITIVE POWER			
			0			
		10	SHARED DISPOSITIVE POWER			
			1,435,047			
	7 CCD E C 7 E E	7.740				
11			UNT BENEFICIALLY OWNED BY EACH REPORTING PERSO	ΛIΛ		
	1,435,047					

12	CHECK BOX	 : IF T	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CER	TAIN S	HARES*	I_I
13	PERCENT C	F CLA	ASS REPRESENTED BY AMOUNT IN ROW (11)			
14	TYPE OF R	REPORT	TING PERSON*			
	IA, CO					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUSI	P No. 847	63510	99			
1			TING PERSON IDENTIFICATION NOS. OF ABOVE PERSON			
	David B.	Muske	t			
2	CHECK THE	APPR	ROPRIATE BOX IF A MEMBER OF A GROUP*		X _	
3	SEC USE C	NLY				
4	SOURCE OF	' FUND	 S*			
	AF					
5			DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PERS 2(d) OR 2(e)		I_I	
6	 CITIZENSH	IIP OF	PLACE OF ORGANIZATION			
	United St	ates	of America			
		7	SOLE VOTING POWER			
			230,769			
	MBER OF	8	SHARED VOTING POWER			
SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON			1,730,733			
		9	SOLE DISPOSITIVE POWER			
			230,769			
	WITH	10	SHARED DISPOSITIVE POWER			
			1,730,733			

11	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PER	SON		
	1,961,502					
12	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CE	RTAIN S	HARES*	_
13	PERCENT C	F CLA	SS REPRESENTED BY AMOUNT IN ROW (11)			
14	TYPE OF R	EPORT	ING PERSON*			
	IN					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUS	IP No. 847	63510	9			
1			ING PERSON IDENTIFICATION NOS. OF ABOVE PERSON			
	Barry Kur	okawa				
2	CHECK THE	APPR	OPRIATE BOX IF A MEMBER OF A GROUP*		X _	
3	SEC USE C					
4	SOURCE OF	FUND	 S*			
	AF					
5			ISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED EMS 2(d) OR 2(e)		I_I	
6	CITIZENSH	IP OR	PLACE OF ORGANIZATION			
	United St	ates	of America			
		7	SOLE VOTING POWER			
			48,222			
	UMBER OF SHARES EFICIALLY WWNED BY	8	SHARED VOTING POWER			
			1,730,733			
RI	EACH EPORTING	9	SOLE DISPOSITIVE POWER			
Ι	PERSON WITH		48 , 222 			
		1 ()	SHARED DISPOSITIVE DOWER			

1,730,733

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,778,955

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* |_|

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

12.64%

14 TYPE OF REPORTING PERSON*

*SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP No. 847635109

Item 1. Security and Issuer.

The name of the issuer is SpectRx, Inc., a Delaware corporation (the "Issuer"). The address of the Issuer's offices is 4955 Avalon Ridge Parkway, Suite 300, Norcross, Georgia 30071. This Schedule 13D relates to the Issuer's Common Stock.

Item 2. Identify and Background.

(a-c,f) This Schedule 13D is being filed jointly by (i) ProMed Partners, L.P. a Delaware limited partnership ("ProMed I"), (ii) ProMed Partners II, L.P. a Delaware limited partnership ("ProMed II"), (iii) ProMed Offshore Fund, Ltd., a British Virgin Islands corporation ("ProMed Offshore"), (iv) ProMed Offshore Fund II, Ltd., a British Virgin Islands corporation ("ProMed Offshore Fund II, Ltd"), (v) ProMed Management, Inc., a Massachusetts corporation ("ProMed Management, Inc."), (vi) ProMed Asset Management, LLC, a Massachusetts limited liability company, (vii) David B. Musket, a United States citizen and (viii) Barry Kurokawa, a United States citizen (collectively, the "Reporting Persons").

The principal business address of (i) ProMed I, ProMed II, ProMed Management, ProMed Asset Management, David B. Musket and Barry Kurokawa is 125 Cambridge Park Drive, Cambridge, Massachusetts 02140 and ProMed Offshore Ltd., and ProMed Offshore Fund II, Ltd. is C/O Trident Trust Company (B.V.I.) Limited, Trident Chambers, Wickham Cay, Post Office Box 146, Road Town, Tortola, British Virgin Islands.

David B. Musket and Barry Kurokawa are the principals of ProMed Management, Inc. which is an investment management firm that serves as the investment manager to private investment funds, including ProMed I and ProMed II and ProMed.

(d) Neither of David B. Musket nor Barry Kurokawa has, during the last five years, been convicted in any criminal proceeding (excluding traffic violations or similar misdemeanors).

(e) None of the Reporting Persons has, during the last five years, been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, Federal or state securities laws or finding any violation with respect to such laws.

Item 3. Source and Amount of Funds or Other Consideration.

The funds for the purchase of the Shares came from the working capital of ProMed I, ProMed II, ProMed Offshore Fund, Ltd. and ProMed Offshore Fund II, Ltd. over which David B. Musket and Barry Kurokawa, through their role at ProMed Management, Inc. exercise investment discretion.

No borrowed funds were used to purchase the Shares, other than any borrowed funds used for working capital purposes (including certain leverage arrangements) in the ordinary course of business.

Item 4. Purpose of Transaction.

The Reporting Persons previously filed a Schedule 13D relating to the Common Stock of the Issuer. This filing reflects additional shares that the Series A Preferred ("Preferred") can be converted into as a result of anti-dilution provisions that were triggered by the Amended and Restated Loan Agreement which was described in the Issuer's Form 8-K filed on March 12, 2007. The Reporting Persons continue to be active in discussions concerning the Issuer's business strategy, size and business strategy, size and composition of the Board of Directors, management structure and compensation. The Reporting Persons may seek to actively enlist other shareholders to facilitate such changes.

Item 5. Interest in Securities of the Issuer.

(a-e) The aforementioned shares were acquired for investment purposes in open markets and private transactions. As of date date hereof, (i) ProMed I may be deemed to be the beneficial owner of 1,216,515 Shares or 8.65% of the Shares of the Issuer, (ii) ProMed II may be deemed to be the beneficial owner of 218,532 Shares or 1.55% of the Shares of the Issuer, (iii) ProMed Offshore Funds, Ltd. may be deemed to be the beneficial owner of 195,686 Shares or 1.39% of the Shares of the Issuer, (iv) ProMed Offshore Fund II, Ltd. may be deemed to be the beneficial owner of 100,000 or .71% of the Shares of the Issuer, (v) ProMed Management, Inc. may be deemed to be the beneficial owner of 295,686 or 2.10% of the Shares of the Issuer, (vi) ProMed Asset Management, LLC may be deemed to be the beneficial owner of 1,435,047 or 10.2% of the Shares of the Issuer, (vii) David B. Musket may be deemed to be the beneficial owner of 230,769 or 2.34% of the Shares of the Issuer, (viii) Barry Kurokawa may be deemed to be the beneficial owner of 48,222 or .34% of the Shares of the Issuer, based upon the 11,948,631 Shares outstanding as of April 9, 2007.

As of the date hereof, (i) ProMed I has the shared power to vote or direct the vote of 1,216,515 Shares to which this filing relates, (ii) ProMed II has the shared power to vote or direct the vote of 218,532 Shares to which this filing relates, (iii) ProMed Offshore Fund, Ltd. has the shared power to vote or direct the vote of 195,686 Shares to which this filing relates, (iv) ProMed Offshore Fund II, Ltd. has the shared power to vote or direct the vote of 100,000 Shares to which this filing relates, (v) ProMed Management, Inc. has the shared power to vote or direct the vote of 295,686 Shares to which this filing relates, (vi) ProMed Asset Management, LLC has the shared power to vote or direct the vote of 1,435,047 Shares to which this filing relates, (vii) David B. Musket has the sole power to vote or direct the vote of 230,769 Shares and the

shared power to vote or direct the vote of 1,730,733 Shares to which this filing relates and (viii) Barry Kurokawa has the sole power to vote or direct the vote of 48,222 Shares and the shared power to vote or direct the vote of 1,730,733 Shares to which this filing relates.

As of the date hereof, (i) ProMed I has the shared power to dispose or direct the disposition of 1,213,264 Shares to which this filing relates, (ii) ProMed II has the shared power to dispose or direct the disposition of 218,532 Shares to which this filing relates, (iii) ProMed Offshore Fund, Ltd. has the

shared power to dispose or direct the disposition of 195,686 Shares to which this filing relates, (iv) ProMed Offshore Fund II, Ltd. has the shared power to dispose or direct the disposition of 100,000 Shares to which this filing relates, (v) ProMed Management, Inc. has the shared power to dispose or direct the disposition of 295,686 Shares to which this filing relates, (vi) ProMed Asset Management has the shared power to dispose or direct the disposition of 1,435,047 Shares to which this filing relates, (vii) David B. Musket has the shared power to dispose or direct the disposition of 1,961,502 Shares to which this filing relates and (viii) Barry Kurokawa has the shared power to dispose or direct the disposition of 1,778,955 Shares to which this filing relates.

The aforementioned Shares were acquired for investment purposes. Each of David B. Musket and Barry Kurokawa, either in an individual capacity or on behalf of the private investment vehicles over which they have investment discretion through their role at ProMed Management, may acquire additional Shares, dispose of all or some of these Shares from time to time, in each case in open markets or private transactions, block sales or purchases otherwise, or may continue to hold the Shares.

During the past 60 days, the Reporting Persons have effected those transactions listed in Exhibit A with respect to the Shares of the Issuer.

The Reporting Persons specifically disclaim beneficial ownership in the Shares reported herein except to the extent of their pecuniary interest therein.

Item 6. Contracts, Arrangement, 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.

March 12, 2007
-----(Date)

/s/ David B. Musket*

David B. Musket

/s/ Barry Kurokawa* _____ Barry Kurokawa ProMed Partners, L.P.* By: ProMed Asset Management, LLC, its general partner By: DBM Corporate Consulting Group, Ltd., a Managing Member By: /s/ David B. Musket Name: David B. Musket Title: President ProMed Partners II, L.P.* By: ProMed Asset Management, LLC, its general partner By: DBM Corporate Consulting Group, Ltd., a Managing Member By: /s/ David B. Musket _____ Name: David B. Musket Title: President ProMed Offshore Fund, Ltd.* By: /s/ David B. Musket Name: David B. Musket Title: Director ProMed Offshore Fund II, Ltd. By: /s/ David B. Musket Name: David B. Musket Title: Director ProMed Management, Inc.* By: /s/ David B. Musket _____ Name: David B. Musket Title: President ProMed Asset Management, LLC By: /s/ David B. Musket Name: David B. Musket

Title: Managing Member

AGREEMENT

The undersigned agree that this Schedule 13D dated March 12, 2007 relating to the Common Stock of SpectRx, Inc. shall be filed on behalf of the undersigned.

/s/ David B. Musket* _____ David B. Musket /s/ Barry Kurokawa* Barry Kurokawa ProMed Partners, L.P.* By: ProMed Asset Management, LLC, its general partner By: DBM Corporate Consulting Group, Ltd., a Managing Member By: /s/ David B. Musket Name: David B. Musket Title: President ProMed Partners II, L.P.* By: ProMed Asset Management, LLC, its general partner By: DBM Corporate Consulting Group, Ltd., a Managing Member By: /s/ David B. Musket _____ Name: David B. Musket Title: President ProMed Offshore Fund, Ltd.* By: /s/ David B. Musket Name: David B. Musket Title: Director ProMed Offshore Fund II, Ltd. By: /s/ David B. Musket _____ Name: David B. Musket Title: Director ProMed Management, Inc.* By: /s/ David B. Musket Name: David B. Musket Title: President ProMed Asset Management, LLC

By: /s/ David B. Musket

Name: David B. Musket Title: Managing Member

March 12, 2007