EPIX Pharmaceuticals, Inc. Form SC 13G/A February 14, 2005

OMB APPROVAL

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

SCHEDULE 13G

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

Epix Medical (Name of Issuer)

Common Shares
(Title of Class of Securities)

268816101 (CUSIP Number)

December 31, 2004 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

/_X_/	Rule	13d-1(b)
//	Rule	13d-1(c)
/ /	Rule	13d-1(d)

* 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 ("Act") 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).

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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¹ NAME OF REPORTING PERSONS
IRS IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

	RS Investment Manageme			
2	CHECK THE APPROPRIATE (a) / / (b) / /	BOX IF A	A MEMBER OF A GROUP (See Instructions)	
3	SEC USE ONLY			
	CITIZENSHIP OR PLACE C		ZATION	
	Delaware			
	NUMBER OF 5 SHARES	SOLE V	OTING POWER	
	BENEFICIALLY OWNED BY EACH	6	SHARED VOTING POWER -656,205-	
	REPORTING PERSON WITH	7	-0-	
		8	SHARED DISPOSITIVE POWER -656,205-	-
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON -656,205-			
			IN ROW (9) EXCLUDES CERTAIN SHARES (See	
 11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 2.8%			
12	TYPE OF REPORTING PERS	SON (See	Instructions)	
CUSIP	No. 268816101		13G	Page 3 of 10
1	NAME OF REPORTING PERS		OVE PERSONS (ENTITIES ONLY)	
	RS Investment Manageme	ent, L.P.		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) / / (b) / /			
3	SEC USE ONLY			
4	CITIZENSHIP OR PLACE C		ZATION	
	California			
	NUMBER OF 5 SHARES	SOLE V		

	BENEFICIALLY OWNED BY		SHARED VOTING POWER	
	EACH		-656,205-	
	REPORTING PERSON WITH		SOLE DISPOSITIVE POWER	
		8	SHARED DISPOSITIVE POWER -656,205-	
	-656 , 205-	JEFICIALLY	OWNED BY EACH REPORTING PERSON	
0			IN ROW (9) EXCLUDES CERTAIN SHARES (Se	e
	PERCENT OF CLASS REP			
	TYPE OF REPORTING PEPN, IA	ERSON (See	Instructions)	
CUSIP	No. 268816101		13G	Page 4 of 10
	NAME OF REPORTING PERIOR IRS IDENTIFICATION N	ERSONS	OVE PERSONS (ENTITIES ONLY)	
	G. Randall Hecht			
2			A MEMBER OF A GROUP (See Instructions)	
3	SEC USE ONLY			
 l	CITIZENSHIP OR PLACE		IZATION	
	USA			
	NUMBER OF 5 SHARES	SOLE V	-0-	
	NUMBER OF 5 SHARES BENEFICIALLY OWNED BY EACH			
	NUMBER OF 5 SHARES BENEFICIALLY OWNED BY	6	-0- SHARED VOTING POWER -656,205- SOLE DISPOSITIVE POWER -0-	
	NUMBER OF 5 SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON	 6 7	SHARED VOTING POWER -656,205- SOLE DISPOSITIVE POWER -0- SHARED DISPOSITIVE POWER -656,205-	

2	2.8%	S REPRESENTED BY AMOUNT I	N ROW 9	
	TYPE OF REPORTING. IN	NG PERSON (See Instructio		
CUSIP No.	. 268816101		13G	Page 5 of
ITEM 1.				
(a)	The name of th	ne issuer is Epix Medical	(the "Issuer").	
(b) 71 Rogers	The principal Court, Cambrid	executive office of the dge, MA 02142.	Issuer is located at:	
ITEM 2.				
	c) See Annex I c (collectively,	for information on the p the "Filers")	ersons filing this	
(d) (the "Sto		relates to shares of co	mmon stock of the Issue	r
(e)	The CUSIP numk	per of the Stock is 26881	6101.	
CUSIP No.	. 268816101		13G	Page 6 of 10
		ent is filed pursuant to eck whether the person fi		
U.S.C. 78	(a)	Broker or dealer registe	red under section 15 of	the Act (15
78c).	(b)	Bank as defined in secti	on 3(a)(6) of the Act (15 U.S.C.
(15 U.S.C	(c) C. 78c).	Insurance company as def	ined in section 3(a)(19) of the Act
		Investment company regis of 1940 (15 U.S.C. 80a-8)		f the
		An investment adviser in estment Management, L.P. investment adviser.		d-
	(f) .13d-1(b)(1)(ii)	An employee benefit plan (F) .	or endowment fund in a	ccordance
	(g) _X*_ .13d-1(b)(1)(ii)	A parent holding company (G). *RS Investment Managemen of RS Investment Managem Hecht is a control perso Co. LLC and RS Investmen	t Co. LLC is the genera ment, L.P. G. Randall on of RS Investment Mana	l partner

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A savings association as defined in section 3(b) of the (h) Federal Deposit Insurance Act (12 U.S.C. 1813). 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). Group, in accordance with section 240.13d-1(b)(1)(ii)(J)(j) CUSIP No. 268816101 13G Page 7 of 10 ITEM 4. OWNERSHIP See Items 5-9 and 11 on the cover page for each Filer. ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON

If this statement 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 $/_X_/$.

RS Investment Management Co. LLC is the parent company of registered investment advisers whose clients have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Stock. No individual client's holdings of the Stock are more than five percent of the outstanding Stock.

RS Investment Management, L.P. is a registered investment adviser and the managing member of registered investment advisers. RS Investment Management Co. LLC is the General Partner of RS Investment Management, L.P. G. Randall Hecht is a control person of RS Investment Management Co. LLC and RS Investment Management, L.P.

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ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

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. CERTIFICATION

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

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: February 14, 2005		
RS INVESTMENT MANAGEMENT CO. LLC		
By:		
Terry R. Otton		
Chief Operating Officer		
RS INVESTMENT MANAGEMENT, L.P.		
Ву:		
Terry R. Otton		
Chief Operating Officer		
GEORGE R. HECHT		
George R. Hecht		
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EXHIBIT A		

JOINT FILING AGREEMENT

The undersigned hereby agree that they are filing this statement jointly pursuant to Rule 13d-1(f)(1). Each of them is responsible for the timely filing of the Schedule 13G and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is accurate.

Dated: February 14, 2005

RS INVESTMENT MANAGEMENT CO. LLC

By:

Terry R. Otton
Chief Operating Officer

RS INVESTMENT MANAGEMENT, L.P.

By:

Terry R. Otton
Chief Operating Officer

GEORGE R. HECHT

George R. Hecht

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Annex I

The filers are:

- (a) RS Investment Management Co. LLC, is a Delaware Limited Liability Company.
- (b) holding company
- RS Investment Management, L.P. is a California Limited (a) Partnership.
 - (b) registered investment adviser
- III. (a) G. Randall Hecht is a control person of RS Investment Management Co. LLC and RS Investment Management, L.P.
 - (b) individual