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

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934 (AMENDMENT NO. 1)*

ENTEROMEDICS, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

29365M 10 9

(CUSIP Number)

December 31, 2008

(Date of Event which Requires Filing of this Statement)

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

o Rule 13d-1(b)

o 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 the disclosures provided in a prior cover page.

The information required in 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).

Page 1 of 23 Pages

	NAME OF REPORTING PERSONS						
1	InterWest F	InterWest Partners IX, LP					
	I.R.S. IDEN	NTIFICATION	ON NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)				
	CHECK TH	HE APPRO	PRIATE BOX IF A MEMBER OF A GROUP				
2	(a) o						
	(b) o						
3	SEC USE	ONLY					
	CITIZENCI	UD OD DI	ACE OF ORGANIZATION				
4	CITIZENSI	HIP OR PL	ACE OF ORGANIZATION				
	California						
		5	SOLE VOTING POWER				
NUM	BER OF	,	1,546,761				
	ARES	_	SHARED VOTING POWER				
	FICIALLY IED BY	6					
	ORTING		SOLE DISPOSITIVE POWER				
	RSON /ITH	7	1,546,761				
			SHARED DISPOSITIVE POWER				
		8					
	AGGREGA	ATE AMOL	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
9	4 = 40 = 04						
		1,546,761 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:					
10	CHECK BO	JX 11 111L	AGUNEGATE ANIGONY IN NOW (3) ENGLODES GENTAIN STIANES.				
	0						
11	PERCENT	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)				
	9.2%						
12	TYPE OF F	REPORTIN	IG PERSON				
12	PN						

	NAME OF REPORTING PERSONS						
1	InterWest I	InterWest Management Partners IX, LLC (the General Partner of InterWest Partners IX, LP)					
_		-					
	I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)						
	CHECK TH	IE APPRO	PRIATE BOX IF A MEMBER OF A GROUP				
2	(a) o						
	(b) o						
	SEC USE	ONLY					
3							
	CITIZENSI	HIP OR PL	ACE OF ORGANIZATION				
4							
	California		201 5 1/2711/2 501/55				
		5	SOLE VOTING POWER				
NUM	BER OF		1,546,761				
	ARES	c	SHARED VOTING POWER				
	FICIALLY IED BY	6					
REPO	ORTING		SOLE DISPOSITIVE POWER				
	RSON /ITH	7	1,546,761				
, vv	шп		SHARED DISPOSITIVE POWER				
		8					
9	AGGREGA	ATE AMOU	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	1,546,761	1,546,761					
10	CHECK BO	X IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:				
10	10						
	PERCENT	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)				
11	9.2%						
		REPORTIN	NG PERSON				
12		2					
	$\cap \cap$						

NAME OF REPORTING PERSONS Harvey B. Cash (a Managing) Director of InterWest Management Partners IX, LLC) I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)								
LR.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)		NAME OF	REPORTI	NG PERSONS				
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) 0 (b) 0 (c)	1	Harvey B.	Harvey B. Cash (a Managing Director of InterWest Management Partners IX, LLC)					
2		I.R.S. IDE	NTIFICATI	ON NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)				
2		CHECK TI	JE ADDDO	ADDIATE DOVIE A MEMBER OF A CROUD				
3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION United States NUMBER OF SHARES BENEFICIALLY OWNED BY REPORTING PERSON WITH 7 SOLE DISPOSITIVE POWER 1,546,761 7 SOLE DISPOSITIVE POWER 1,546,761 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: 0 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) 9.2% 12 TYPE OF REPORTING PERSON	2		TE APPRO	PRIALE DOX IF A MEMBER OF A GROUP				
3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION United States NUMBER OF SHARES BENEFICIALLY OWNED BY REPORTING PERSON WITH 7 SOLE DISPOSITIVE POWER 1,546,761 7 SOLE DISPOSITIVE POWER 1,546,761 7 SOLE DISPOSITIVE POWER 1,546,761 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: 0 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) 9.2% 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.2%								
CITIZENSHIP OR PLACE OF ORGANIZATION United States Sole VOTING POWER O SHARES BENEFICIALLY OWNED BY REPORTING PERSON WITH AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,546,761 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: O PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9,296 TYPE OF REPORTING PERSON			ONLY					
Value of State	3							
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NUMBER OF SHARES BENEFICIALLY OWNED BY REPORTING PERSON WITH AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,546,761 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,546,761 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: 0 0 11 12 TYPE OF REPORTING PERSON	4	United Sta	tes					
NUMBER OF SHARED SHARED BENEFICIALLY OWNED BY REPORTING PERSON WITH			E	SOLE VOTING POWER				
BENEFICIALLY OWNED BY REPORTING PERSON WITH	NUME	BER OF	ก	0				
OWNED BY REPORTING PERSON WITH 7 SOLE DISPOSITIVE POWER 0 SHARED DISPOSITIVE POWER 1,546,761 8 SHARED DISPOSITIVE POWER 1,546,761 1,546,761 1,546,761 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: 0 10 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9,2% TYPE OF REPORTING PERSON			6	SHARED VOTING POWER				
PERSON WITH ROW OF REPORTING PERSON 8 SHARED DISPOSITIVE POWER 1,546,761 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: 0 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.2% 12 TYPE OF REPORTING PERSON			0	1,546,761				
WITH 8 SHARED DISPOSITIVE POWER 1,546,761 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,546,761 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: 0 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.2% 12 TYPE OF REPORTING PERSON		_	7	SOLE DISPOSITIVE POWER				
B 1,546,761 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,546,761 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: 0 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9,2% 12 TYPE OF REPORTING PERSON			′	0				
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,546,761 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: 0 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.2% 12 TYPE OF REPORTING PERSON			Q	SHARED DISPOSITIVE POWER				
9 1,546,761 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: 0 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9,2% 12 TYPE OF REPORTING PERSON			0	1,546,761				
1,546,761 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: 0 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9,2% TYPE OF REPORTING PERSON	a	AGGREGA	ATE AMOU	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10 percent of class represented by amount in row (9) 9.2% Type of reporting person	3	1,546,761						
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.2% TYPE OF REPORTING PERSON	10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:						
11 9.2% TYPE OF REPORTING PERSON TYPE OF R	10	0						
9.2% TYPE OF REPORTING PERSON 12	11	PERCENT	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)				
12	11	9.2%						
	12	TYPE OF	REPORTII	NG PERSON				
	12	IN						

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by

Harvey B. Cash that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

	NAME OF	REPORTI	NG PERSONS				
1	Bruce A. C	Bruce A. Cleveland (a Venture Member of InterWest Management Partners IX, LLC)					
	I.R.S. IDEN	NTIFICATI	ON NO(S), OF ABOVE PERSON(S) (ENTITIES ONLY)				
	I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)						
	CHECK TH	HE APPRO	PRIATE BOX IF A MEMBER OF A GROUP				
2	(a) o						
	(b) o						
3	SEC USE	ONLY					
	CITIZENSI	HIP OR PL	ACE OF ORGANIZATION				
4	United Sta	tes					
			SOLE VOTING POWER				
NUME	BER OF	5					
	ARES		SHARED VOTING POWER				
	FICIALLY ED BY	6	1,546,761				
	RTING	7	SOLE DISPOSITIVE POWER				
	RSON ITH	7	0				
		•	SHARED DISPOSITIVE POWER				
		8	1,546,761				
•	AGGREGA	ATE AMOL	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
9	1,546,761	1.546.761					
4.0	CHECK BO	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:					
10	0	0					
11	PERCENT	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)				
11	9.2%						
10	TYPE OF I	REPORTI	NG PERSON				
12	IN						

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by

Bruce A. Cleveland that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

	NAME OF	REPORT	ING PERSONS			
1	1 Christopher B. Ehrlich (a Venture Member of InterWest Management Partners IX, LLC)					
_	I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)					
	1.11.0.1021	1 111 107 (1	ionno(o), or ribore relicion(o) (entrice oner)			
	CHECK TH	HE APPR	OPRIATE BOX IF A MEMBER OF A GROUP			
2	(a) o					
	(b) o					
3	SEC USE	ONLY				
3						
_	CITIZENS	HIP OR P	LACE OF ORGANIZATION			
4	United Sta	tes				
			SOLE VOTING POWER			
NILINA	BER OF	5				
	ARES		SHARED VOTING POWER			
BENE	FICIALLY	6				
	NED BY		1,546,761			
	ORTING RSON	7	SOLE DISPOSITIVE POWER			
v	VITH		0			
		8	SHARED DISPOSITIVE POWER			
		0	1,546,761			
•	AGGREGA	ATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
9	1,546,761					
	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:					
10						
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
11	FLRCLINI	OF CLA	33 REFRESENTED BY ANNOUNT IN ROW (9)			
	9.2%					
12	TYPE OF	REPORTI	NG PERSON			
Neither the	filing of this	statement	on Schedule 13G nor any of its contents shall be deemed to constitute an admission by Christopher B. Ehrlich that he is the beneficial owner of any of the Common Stock referred to			
nerein for	purposes of S	ection 13	(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest			

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	NAME OF	REPORTI	NG PERSONS			
1	Philip T. Gianos (a Managing Director of InterWest Management Partners IX, LLC)					
_						
	I.R.S. IDEN	NTIFICATION	ON NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)			
	CHECK TH	HE APPRO	DPRIATE BOX IF A MEMBER OF A GROUP			
2	(a)					
_	(a) o (b) o					
	SEC USE	ONLY				
3						
	CITIZENSI	HIP OR PI	ACE OF ORGANIZATION			
4						
	United Sta	tes				
		5	SOLE VOTING POWER			
NUME	BER OF		0			
	ARES		SHARED VOTING POWER			
	FICIALLY IED BY	6	1,546,761			
	RTING		SOLE DISPOSITIVE POWER			
PEF	RSON	7	33.112.312.			
W	'ITH		0			
		8	SHARED DISPOSITIVE POWER			
		0	1,546,761			
)	AGGREGA	ATE AMOL	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
9	1,546,761					
	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:					
10						
	0	05.01.40	O DEDESCRITED BY AMOUNT IN DOWN			
11	PERCENT	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)			
	9.2%					
12	TYPE OF I	REPORTIN	NG PERSON			
12	IN					

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by
Philip T. Gianos that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

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	NAME OF	REPORTI	NG PERSONS			
1	Linda S. Grais (a Venture Member of InterWest Management Partners IX, LLC)					
_						
	I.R.S. IDEN	NTIFICATION	ON NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)			
	CHECK TH	HE APPRO	PRIATE BOX IF A MEMBER OF A GROUP			
2	(0)					
_	(a) o (b) o					
	SEC USE	ONLY				
3						
	CITIZENSI	HIP OR PI	ACE OF ORGANIZATION			
4						
	United Sta	tes				
		5	SOLE VOTING POWER			
NUME	BER OF	5	0			
SHA	ARES	_	SHARED VOTING POWER			
	FICIALLY IED BY	6	1,546,761			
	RTING		SOLE DISPOSITIVE POWER			
PEF	RSON	7				
W	ITH		0			
		8	SHARED DISPOSITIVE POWER			
		0	1,546,761			
)	AGGREGA	ATE AMOU	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
9	1,546,761					
	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:					
10						
	0	05.01.40	O DEDDECEMENT D. V. ANGUNET IN DOWN			
11	PERCENT	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)			
	9.2%					
12	TYPE OF I	REPORTIN	NG PERSON			
12	IN					

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by
Linda S. Grais that she is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

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	NAME OF	REPORTI	NG PERSONS				
1	W. Stepher	W. Stephen Holmes III (a Managing Director of InterWest Management Partners IX, LLC)					
_	-						
I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)							
	CHECK TH	HE APPRO	DPRIATE BOX IF A MEMBER OF A GROUP				
2	(a) o						
	(b) o						
3	SEC USE	ONLY					
3							
4	CITIZENSI	HIP OR PL	LACE OF ORGANIZATION				
4	United Sta	tes					
'			SOLE VOTING POWER				
NI IME	BER OF	5					
	ARES		SHARED VOTING POWER				
	ICIALLY ED BY	6	1,546,761				
	RTING		SOLE DISPOSITIVE POWER				
PEF	RSON	7					
W	ITH		0 SHARED DISPOSITIVE POWER				
		8	SHARED DISPOSITIVE POWER				
			1,546,761				
9	AGGREGA	ATE AMOL	JNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
•	1,546,761						
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:						
10	0						
44	PERCENT	OF CLAS	CLASS REPRESENTED BY AMOUNT IN ROW (9)				
11	9.2%						
		REPORTIN	NG PERSON				
12	IN						
	11 N						

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by

W. Stephen Holmes III that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

	NAME OF	REPORTI	NG PERSONS				
1	Nina S. Kje	Nina S. Kjellson (a Venture Member of InterWest Management Partners IX, LLC)					
	LRS IDE	NTIFICATI	ON NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)				
	CHECK TH	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP					
2	(a) o						
	(b) o						
3	SEC USE	ONLY					
4	CITIZENS	HIP OR PL	LACE OF ORGANIZATION				
·	United Sta	tes					
		5	SOLE VOTING POWER				
NUME	BER OF	,	0				
	ARES	6	SHARED VOTING POWER				
	FICIALLY IED BY	О	1,546,761				
	ORTING	7	SOLE DISPOSITIVE POWER				
	RSON /ITH	7					
			SHARED DISPOSITIVE POWER				
		8	1.546,761				
_	AGGREGA	ATE AMOU	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
9	1,546,761						
	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:						
10	0						
	PERCENT	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)				
11	9.2%						
		REPORTI	NG PERSON				
12	IN						
	IIN						

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by

Nina S. Kjellson that she is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

	NAME OF	REPORTI	NG PERSONS					
1	Gilbert H. I	Gilbert H. Kliman (a Managing Director of InterWest Management Partners IX, LLC)						
	LRS IDE	I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)						
	CHECK TH	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP						
2	(a) o	(a) o						
	(b) o							
3	SEC USE	ONLY						
	CITIZENS	HIP OR PL	ACE OF ORGANIZATION					
4								
	United Sta		SOLE VOTING POWER					
		5						
	BER OF ARES		0 SHARED VOTING POWER					
BENEF	FICIALLY	6						
	IED BY DRTING		1,546,761 SOLE DISPOSITIVE POWER					
	RSON	7	SOLE DISPOSITIVE POWER					
l w	/ITH		0					
		8	SHARED DISPOSITIVE POWER					
		_	1,546,761					
9	AGGREGA	ATE AMOL	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	1,546,761							
10	CHECK BO	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:						
10	0	0						
11	PERCENT	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)					
11	9.2%							
12	TYPE OF	REPORTI	NG PERSON					
12	IN							

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by

Gilbert H. Kliman that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

	NAME OF	REPORTI	NG PERSONS					
1	Ellen E. Koskinas (a Venture Member of InterWest Management Partners IX, LLC)							
	I.R.S. IDEI	I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)						
	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP							
2	(a) o							
	(b) o SEC USE	ONLY						
3	SEC OSE	ONLI						
	CITIZENS	HIP OR PI	ACE OF ORGANIZATION					
4								
	United Sta	ies	SOLE VOTING POWER					
		5						
	BER OF		10,938					
	ARES FICIALLY	6	SHARED VOTING POWER					
	IED BY		1,546,761					
	ORTING RSON	7	SOLE DISPOSITIVE POWER					
	/ITH		10,938					
	8		SHARED DISPOSITIVE POWER					
		0	1,546,761					
9	AGGREGA	ATE AMOL	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
9	1,557,699	1,557,699						
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:							
10	0	0						
11	PERCENT	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)					
11	9.2%							
12	TYPE OF	REPORTI	NG PERSON					
12	IN							

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by

Ellen E. Koskinas that she is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

1	H. Ronald	NAME OF REPORTING PERSONS H. Ronald Nash (a Venture Member of InterWest Management Partners IX, LLC) I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)						
	CHECK TH	HE APPRO	PRIATE BOX IF A MEMBER OF A GROUP					
2	(a) o (b) o							
3	SEC USE	ONLY						
4	CITIZENSI United Star		ACE OF ORGANIZATION					
NUME	SOLE VOTING POWER 5 0							
BENER	ARES FICIALLY IED BY	6	SHARED VOTING POWER 1,546,761					
PEF	ORTING RSON ITH	7	SOLE DISPOSITIVE POWER 0					
		8	SHARED DISPOSITIVE POWER 1,546,761					
9	AGGREGA 1,546,761	ATE AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
10	CHECK BO	OX IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:					
11	PERCENT 9.2%	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)					
12	TYPE OF I	REPORTIN	IG PERSON					
	IN							

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by

H. Ronald Nash that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

			_				_
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1	Khaled A. I	NAME OF REPORTING PERSONS Khaled A. Nasr (a Venture Member of InterWest Management Partners IX, LLC) I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) 0							
3	(b) o SEC USE	ONLY						
4	CITIZENSI United Stat		ACE OF ORGANIZATION					
NUME	SOLE VOTING POWER SMBER OF 0							
BENER	ARES FICIALLY IED BY	6	SHARED VOTING POWER 1,546,761					
PEF	ORTING RSON ITH	7	SOLE DISPOSITIVE POWER 0					
		8	SHARED DISPOSITIVE POWER 1,546,761					
9	AGGREGA 1,546,761	ATE AMOU	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
10	CHECK BO	OX IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:					
11	PERCENT 9.2%	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)					
12	TYPE OF F	REPORTI	NG PERSON					

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by Khaled A. Nasr that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

1	Arnold L. C	NAME OF REPORTING PERSONS Arnold L. Oronsky (a Managing Director of InterWest Management Partners IX, LLC) I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)					
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) 0 (b) 0						
3	SEC USE	ONLY					
4	CITIZENSI United Star		ACE OF ORGANIZATION				
NUME	SOLE VOTING POWER O O						
BENEF	ARES FICIALLY IED BY	6	SHARED VOTING POWER 1,546,761				
PEF	ORTING RSON TITH	7	SOLE DISPOSITIVE POWER 0				
		8	SHARED DISPOSITIVE POWER 1,546,761				
9	AGGREGA 1,546,761	ATE AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10	CHECK BO	OX IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:				
11	PERCENT 9.2%	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)				
12	TYPE OF REPORTING PERSON IN						

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by Arnold L. Oronsky that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

1	NAME OF REPORTING PERSONS Douglas A. Pepper (a Venture Member of InterWest Management Partners IX, LLC) I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)					
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) 0 (b) 0					
3	SEC USE	ONLY				
4	CITIZENSI United Star		ACE OF ORGANIZATION			
NUMBER OF		5 SOLE VOTING POWER				
BENER	ARES FICIALLY IED BY	6	SHARED VOTING POWER 1,546,761			
PEF	ORTING RSON TITH	7	SOLE DISPOSITIVE POWER 0			
		8	SHARED DISPOSITIVE POWER 1,546,761			
9	AGGREGA 1,546,761	ATE AMOL	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
10	CHECK BO	OX IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:			
11	PERCENT 9.2%	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)			
12	9.2% TYPE OF REPORTING PERSON IN					

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by Douglas A. Pepper that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

1	NAME OF REPORTING PERSONS Thomas L. Rosch (a Managing Director of InterWest Management Partners IX, LLC) I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) 0 (b) 0						
3	SEC USE	ONLY					
4	CITIZENSI United Stat		ACE OF ORGANIZATION				
NUMBER OF		5	SOLE VOTING POWER 0				
BENER	ARES FICIALLY IED BY	6	SHARED VOTING POWER 1,546,761				
PEF	ORTING RSON IITH	7	SOLE DISPOSITIVE POWER 0				
		8	SHARED DISPOSITIVE POWER 1,546,761				
9	AGGREGA 1,546,761	ATE AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10	CHECK BO	OX IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:				
11	PERCENT 9.2%	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)				
12	TYPE OF F	REPORTIN	NG PERSON				

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by
Thomas L. Rosch that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

1	Michael B.	NAME OF REPORTING PERSONS Michael B. Sweeney (a Managing Director of InterWest Management Partners IX, LLC) I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)						
	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP							
2	(a) o (b) o							
3	SEC USE	ONLY						
4	CITIZENSI United Sta		ACE OF ORGANIZATION					
			SOLE VOTING POWER					
NUME	BER OF	5						
	ARES	•	SHARED VOTING POWER					
	FICIALLY IED BY	6	1,546,761					
	ORTING	1	SOLE DISPOSITIVE POWER					
	RSON /ITH	7						
		•	SHARED DISPOSITIVE POWER					
		8	1,546,761					
9	AGGREGA	ATE AMOL	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
9	1,546,761							
10	CHECK BO	OX IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:					
10	0							
11	PERCENT	OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)					
11	9.2%							
12	TYPE OF I	REPORTIN	NG PERSON					
12	IN .							

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by Michael B. Sweeney that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

ITEM 1.

(a) NAME OF ISSUER: EnteroMedics, Inc.

(b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICE:

2800 Patton Road, Roseville, MN 55113

ITEM 2.

(a) NAME OF PERSON(S) FILING:

InterWest Partners IX, LP ("IWP IX")

InterWest Management Partners IX, LLC ("IMP IX")

Harvey B. Cash ("Cash")

Bruce A. Cleveland ("Cleveland")

Christopher B. Ehrlich ("Ehrlich")

Philip T. Gianos ("Gianos")

Linda S. Grais ("Grais")

W. Stephen Holmes III ("Holmes")

Nina S. Kjellson ("Kjellson")

Gilbert H. Kliman ("Kliman")

Ellen E. Koskinas ("Koskinas")

H. Ronald Nash ("Nash")

Khaled A. Nasr ("Nasr")

Arnold L. Oronsky ("Oronsky")

Douglas A. Pepper ("Pepper")

Thomas L. Rosch ("Rosch")

IWP IX:

Rosch:

Sweeney:

Michael B. Sweeney ("Sweeney")

(b) ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:

2710 Sand Hill Road, Second Floor, Menlo Park, CA 94025

(c) CITIZENSHIP/PLACE OF ORGANIZATION:

California

IMP IX: California Cash: United States Cleveland: United States Ehrlich: United States United States Gianos: United States Grais: Holmes: United States Kjellson: United States Kliman: United States United States Koskinas: United States Nash: United States Nasr: United States Oronsky: Pepper: United States

United States
United States

(d) TITLE OF CLASS OF SECURITIES: Common Stock

(e) CUSIP NUMBER: 29365M 10 9

ITEM 3. NOT APPLICABLE.

ITEM 4. OWNERSHIP.

	IWP IX	IMP IX (1)	Cash (2)	Cleveland (2)	Ehrlich (2)
Beneficial Ownership	1.546.761	1.546.761	1,546,761	1,546,761	1,546,761
Percentage of Class	9.2%	9.2%	9.2%	9.2%	9.2%
Sole Voting Power	1,546,761	1,546,761	0	0	0
Shared Voting Power	0	0	1,546,761	1,546,761	1,546,761
Sole Dispositive Power	1,546,761	1,546,761	0	0	0
Shared Dispositive Power	0	0	1,546,761	1,546,761	1,546,761
		Gianos (2)	Grais (2)	Holmes (2)	Kjellson (2)
Beneficial Ownership		1,546,761	1,546,761	1,546,761	1,546,761
Percentage of Class		9.2%	9.2%	9.2%	9.2%
Sole Voting Power		0	0	0	0
Shared Voting Power		1,546,761	1,546,761	1,546,761	1,546,761
Sole Dispositive Power		0	0	0	0
Shared Dispositive Power		1,546,761	1,546,761	1,546,761	1,546,761
	Kliman (2)	Koskinas (2)**	Nash (2)	Nasr (2)	Oronsky (2)
Beneficial Ownership	1,546,761	1,557,699	1,546,761	1,546,761	1,546,761
Percentage of Class		1,557,699 9.2%			
Percentage of Class Sole Voting Power	1,546,761 9.2% 0	1,557,699 9.2% 10,938	1,546,761 9.2% 0	1,546,761 9.2% 0	1,546,761 9.2% 0
Percentage of Class Sole Voting Power Shared Voting Power	1,546,761 9.2% 0 1,546,761	1,557,699 9.2% 10,938 1,546,761	1,546,761	1,546,761	1,546,761
Percentage of Class Sole Voting Power Shared Voting Power Sole Dispositive Power	1,546,761 9.2% 0 1,546,761 0	1,557,699 9.2% 10,938 1,546,761 10,938	1,546,761 9.2% 0 1,546,761 0	1,546,761 9.2% 0 1,546,761 0	1,546,761 9.2% 0 1,546,761 0
Percentage of Class Sole Voting Power Shared Voting Power	1,546,761 9.2% 0 1,546,761	1,557,699 9.2% 10,938 1,546,761	1,546,761 9.2% 0 1,546,761	1,546,761 9.2% 0	1,546,761 9.2% 0
Percentage of Class Sole Voting Power Shared Voting Power Sole Dispositive Power	1,546,761 9.2% 0 1,546,761 0	1,557,699 9.2% 10,938 1,546,761 10,938	1,546,761 9.2% 0 1,546,761 0 1,546,761 Pepper (2)	1,546,761 9,2% 0 1,546,761 0 1,546,761 Rosch (2)	1,546,761 9,2% 0 1,546,761 0 1,546,761 Sweeney (2)
Percentage of Class Sole Voting Power Shared Voting Power Sole Dispositive Power Shared Dispositive Power Beneficial Ownership	1,546,761 9.2% 0 1,546,761 0	1,557,699 9.2% 10,938 1,546,761 10,938	1,546,761 9,2% 0 1,546,761 0 1,546,761 Pepper (2) 1,546,761	1,546,761 9.2% 0 1,546,761 0 1,546,761 Rosch (2) 1,546,761	1,546,761 9.2% 0 1,546,761 0 1,546,761 Sweeney (2) 1,546,761
Percentage of Class Sole Voting Power Shared Voting Power Sole Dispositive Power Shared Dispositive Power Beneficial Ownership Percentage of Class	1,546,761 9.2% 0 1,546,761 0	1,557,699 9.2% 10,938 1,546,761 10,938	1,546,761 9,2% 0 1,546,761 0 1,546,761 Pepper (2) 1,546,761 9,2%	1,546,761 9.2% 0 1,546,761 0 1,546,761 Rosch (2) 1,546,761 9.2%	1,546,761 9,2% 0 1,546,761 0 1,546,761 Sweeney (2)
Percentage of Class Sole Voting Power Shared Voting Power Sole Dispositive Power Shared Dispositive Power Beneficial Ownership Percentage of Class Sole Voting Power	1,546,761 9.2% 0 1,546,761 0	1,557,699 9.2% 10,938 1,546,761 10,938	1,546,761 9,2% 0 1,546,761 0 1,546,761 Pepper (2) 1,546,761 9,2% 0	1,546,761 9.2% 0 1,546,761 0 1,546,761 Rosch (2) 1,546,761 9.2% 0	1,546,761 9.2% 0 1,546,761 0 1,546,761 Sweeney (2) 1,546,761 9.2% 0
Percentage of Class Sole Voting Power Shared Voting Power Shared Dispositive Power Beneficial Ownership Percentage of Class Sole Voting Power Shared Voting Power	1,546,761 9.2% 0 1,546,761 0	1,557,699 9.2% 10,938 1,546,761 10,938	1,546,761 9,2% 0 1,546,761 0 1,546,761 Pepper (2) 1,546,761 9,2% 0 1,546,761	1,546,761 9.2% 0 1,546,761 0 1,546,761 Rosch (2) 1,546,761 9.2%	1,546,761 9.2% 0 1,546,761 0 1,546,761 Sweeney (2) 1,546,761 9.2%
Percentage of Class Sole Voting Power Shared Voting Power Sole Dispositive Power Shared Dispositive Power Beneficial Ownership Percentage of Class Sole Voting Power	1,546,761 9.2% 0 1,546,761 0	1,557,699 9.2% 10,938 1,546,761 10,938	1,546,761 9,2% 0 1,546,761 0 1,546,761 Pepper (2) 1,546,761 9,2% 0	1,546,761 9.2% 0 1,546,761 0 1,546,761 Rosch (2) 1,546,761 9.2% 0	1,546,761 9.2% 0 1,546,761 0 1,546,761 Sweeney (2) 1,546,761 9.2% 0

^{**} Includes 10,938 shares issuable to Koskinas pursuant to outstanding options exercisable within 60 days of December 31, 2008.

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⁽¹⁾ IMP IX is the general partner of IWP IX.

⁽²⁾ Cash, Gianos, Holmes, Kliman, Oronsky, Rosch, and Sweeney are Managing Directors of IMP IX. Cleveland, Ehrlich, Grais, Kjellson, Koskinas, Nash, Nasr, and Pepper are Venture Members of IMP IX.

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

Not applicable.

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

Under certain circumstances set forth in the limited liability company operating agreement of IMP IX, the members of such limited liability company have the right to receive dividends from, or the proceeds from the sale of, the common stock of Issuer beneficially owned by such limited liability company.

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.

No reporting person is a member of a group as defined in section 240.13d-1(b)(1)(iii)(H) of the Act.

ITEM 9. NOTICE OF DISSOLUTION OF THE GROUP.

Not applicable.

ITEM 10. CERTIFICATION.

Not applicable.

EXHIBITS

Joint Filing Statement attached as Exhibit 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.

Date: February 13, 2009

/s/ Khaled A. Nasr Khaled A. Nasr

/s/ Arnold L. Oronsky Arnold L. Oronsky

By: Name:

By: Name:

By:	<i>Isl</i> Harvey B. Cash
Name:	Harvey B. Cash
By: Name:	Is/ Bruce A. Cleveland Bruce A. Cleveland
By: Name:	<i>Isl</i> Christopher B. Ehrlich Christopher B. Ehrlich
By: Name:	<i>Isl</i> Philip T. Gianos Philip T. Gianos
By:	/s/ Linda S. Grais
Name:	Linda S. Grais
By: Name:	<i>Isl</i> W. Stephen Holmes W. Stephen Holmes
By:	<i>Isl</i> Nina S. Kjellson
Name:	Nina S. Kjellson
By:	<i>Isl</i> Gilbert H. Kliman
Name:	Gilbert H. Kliman
By: Name:	<i>Isl</i> Ellen E. Koskinas Ellen E. Koskinas
By:	<i>Isl</i> H. Ronald Nash
Name:	H. Ronald Nash

INTERWEST PARTNERS IX, LP

By: InterWest Management Partners IX, LLC its General Partner

/s/ W. Stephen Holmes Managing Director

INTERWEST MANAGEMENT PARTNERS IX, LLC

/s/ W. Stephen Holmes Managing Director

By: /s/ Douglas A. Pepper Name: Douglas A. Pepper

/s/ Thomas L. Rosch Thomas L. Rosch By: Name:

/s/ Michael B. Sweeney Michael B. Sweeney By: Name:

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EXHIBIT A

Joint Filing Statement

We, the undersigned, hereby express our agreement that the attached Schedule 13G is filed on behalf of each of us. Date: February 13, 2009

Ву:	/s/ Harvey B. Cash
Name:	Harvey B. Cash
By: Name:	/s/ Bruce A. Cleveland Bruce A. Cleveland
ivaille.	Bruce A. Cleveranu
Ву:	/s/ Christopher B. Ehrlich
Name:	Christopher B. Ehrlich
Ву:	/s/ Philip T. Gianos
Name:	Philip T. Gianos
Ву:	/s/ Linda S. Grais
Name:	Linda S. Grais
Ву:	/s/ W. Stephen Holmes
Name:	W. Stephen Holmes
Ву:	/s/ Nina S. Kjellson
Name:	Nina S. Kjellson
Ву:	/s/ Gilbert H. Kliman
Name:	Gilbert H. Kliman
Ву:	/s/ Ellen E. Koskinas
Name:	Ellen E. Koskinas
Ву:	/s/ H. Ronald Nash
Name:	H. Ronald Nash

/s/ Khaled A. Nasr Khaled A. Nasr

/s/ Arnold L. Oronsky Arnold L. Oronsky

Name:

By: Name: INTERWEST PARTNERS IX, LP

By: InterWest Management Partners IX, LLC its General Partner

/s/ W. Stephen Holmes Managing Director Ву:

INTERWEST MANAGEMENT PARTNERS IX, LLC

/s/ W. Stephen Holmes Managing Director Ву:

By: /s/ Douglas A. Pepper Name: Douglas A. Pepper

By: /s/ Thomas L. Rosch
Name: Thomas L. Rosch

By: /s/ Michael B. Sweeney

Name: Michael B. Sweeney