Flynn James E Form SC 13G/A February 13, 2009

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b)(c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 1) * RadNet, Inc. ______ (Name of Issuer) Common Stock, par value \$.01 (Title of Class of Securities) 750491102 _____ _____ (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: |_| Rule 13d-1(b) |X| Rule 13d-1(c) |_| Rule 13d-1(d) (Page 1 of 12 Pages)

* 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 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).

CUSIP No. 750491102 13G Page 2 of 12

1. NAME OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Deerfield Capital, L.P.

2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*				_ X		
3.	SEC USE	ONLY					
4.	 CITIZENS	HIP OR PLACE OF ORGANIZATION					
	Delaware						
		5. SOLE VOTING POWER					
		0					
NUM	BER OF	6. SHARED VOTING POWER					
	ARES FICIALLY	868,184					
	ED BY ACH	7. SOLE DISPOSITIVE POWER					
	ORTING RSON	0					
W	ITH	8. SHARED DISPOSITIVE POWER					
		868,184					
9.	AGGREGAT	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	868,184						
10.	CHECK BO	X IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN	SHARE	 S*	_		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
	2.43%						
12.	TYPE OF REPORTING PERSON*						
	PN						
CUSIP	No. 7504	91102 13G	Page :	3 of	ī 12		
1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)						
	Deerfiel	d Partners, L.P.					
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) _ (b) X						
3.	SEC USE	ONLY					

4.	CITIZENS	SHIP OR PLACE OF ORGANIZATION	
	Delaware	•	
		5. SOLE VOTING POWER	
		0	
NUM	BER OF	6. SHARED VOTING POWER	
	ARES FICIALLY	217,984	
	ED BY ACH	7. SOLE DISPOSITIVE POWER	
REP	ORTING RSON	0	
	ITH		
		8. SHARED DISPOSITIVE POWER	
		217,984	
9.	AGGREGAT	TE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	217,984		
10.	CHECK BO	DX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN	SHARES* _
11.	PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	.61% 		
12.	TYPE OF	REPORTING PERSON*	
	PN		
CUSIP	No. 7504	191102 13G	Page 4 of 12
1.		REPORTING PERSONS IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)	
	Deerfiel	ld Special Situations Fund, L.P.	
2.	CHECK TH	HE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) _ (b) X
3.	SEC USE	ONLY	
4.		SHIP OR PLACE OF ORGANIZATION	
	Delaware		
		5. SOLE VOTING POWER	

		0						
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH		6. SHARED VOTING POWER						
		650,200						
		7. SOLE DISPOSITIVE POWER						
	ORTING RSON	0						
W	ITH	8. SHARED DISPOSITIVE POWER						
		650,200						
9.	AGGREGAT	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
	650,200							
10.	CHECK BO	X IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN	SHARE	 IS*	I_I			
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)							
	1.82%							
12.	TYPE OF	REPORTING PERSON*						
	PN							
QIIQ T D	7504	01100	_	F ,	- 10			
CUSIP	No. 7504	91102 13G	Page	5 01	: 12			
1.		REPORTING PERSONS DENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)						
	Deerfiel	d Management Company, L.P.						
2.	CHECK TH	E APPROPRIATE BOX IF A MEMBER OF A GROUP*		(a) (b)				
3.	SEC USE	ONLY						
4.	 CITIZENS	HIP OR PLACE OF ORGANIZATION						
	New York							
		5. SOLE VOTING POWER						
		0						
		6. SHARED VOTING POWER						
SHARES BENEFICIALLY		1,617,520						
OWN	ED BY							

EACH REPORTING PERSON WITH		7. SOLE DISPOSITIVE POWER 0					
		8. SHARED DISPOSITIVE POWER					
		1,617,520					
9.	AGGREGAT	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	1,617,52	0					
10.	CHECK BO	X IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN					
11.	PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
	4.52%	4.52%					
12.	TYPE OF	REPORTING PERSON*					
	PN						
CUSIP	No. 7504		Page 6 of 12				
1.		REPORTING PERSONS DENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)					
	Deerfiel	d International Limited					
2.	CHECK TH	E APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) _ (b) X				
3.	SEC USE	ONLY					
4.	 CITIZENS	HIP OR PLACE OF ORGANIZATION					
	British	Virgin Islands					
		5. SOLE VOTING POWER					
		0					
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING		6. SHARED VOTING POWER					
		377,603					
		7. SOLE DISPOSITIVE POWER					
PEI	RSON ITH	0					
VV .	± ± ± ±	8. SHARED DISPOSITIVE POWER					
		377,603					

9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	377,603					
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*					
11.	PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	1.06%					
12.	TYPE OF REPORTING PERSON*					
CUSIP	No. 7504	91102 13G	Page 7 of 12			
1.	. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)					
	Deerfiel	d Special Situations Fund International Limited				
2.	CHECK TH	E APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) _ (b) X			
3.	SEC USE	ONLY				
4.	 CITIZENS	HIP OR PLACE OF ORGANIZATION				
	British Virgin Islands					
		5. SOLE VOTING POWER				
		0				
NUM	BER OF	6. SHARED VOTING POWER				
	ARES FICIALLY	1,239,917				
OWNED BY EACH REPORTING PERSON WITH		7. SOLE DISPOSITIVE POWER				
		0				
		8. SHARED DISPOSITIVE POWER				
		1,239,917				
9.	AGGREGAT	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	1,239,91	7				
10.	 CHECK BO	X IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAI	 N SHARES*			

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)								
	3.46%							
12.	TYPE OF	REPORTING PERSON*						
	СО							
CUSIP	No. 7504	491102 13G Page	8 of 12					
1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)							
	James E.	James E. Flynn						
2.	CHECK TH	HE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) _ (b) X					
3.	SEC USE	ONLY						
4.	 CITIZENS	SHIP OR PLACE OF ORGANIZATION						
	United S	States						
		5. SOLE VOTING POWER						
		0						
NUM	BER OF	6. SHARED VOTING POWER						
	ARES FICIALLY	2,485,704						
	ED BY ACH	7. SOLE DISPOSITIVE POWER						
PE	ORTING RSON	0						
W	ITH	8. SHARED DISPOSITIVE POWER						
		2,485,704						
9.	AGGREGAT	TE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
	2,485,70	0 4						
10.	CHECK BO	OX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHAR	ES* _					
11.	PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
	6.95%							
12.	TYPE OF	REPORTING PERSON*						

IN			
CUSIP No. 7	50491102	13G	Page 9 of 12
Item 1(a).	Name of Issuer:		
	RadNet, Inc.		
Item 1(b).	5966 La Place Co		
Item 2(a).	Name of Person I	Filing:	
	Deerfield Special Company, L.P., I	Deerfield Capital, L.P., De al Situations Fund, L.P., De Deerfield International Limi International Limited	erfield Management
Item 2(b).	James E. Flynn, Deerfield Special Company, L.P., Deerfield International Li Bison Court, Co.	cipal Business Office, or if Deerfield Capital, L.P., De al Situations Fund, L.P., De 780 Third Avenue, 37th Floor national Limited, Deerfield imited c/o Bisys Management, lumbus Centre, P.O. Box 3460 on Virgin Islands	eerfield Partners, L.P. eerfield Management c, New York, NY 10017 Special Situations
Item 2(c).	Citizenship:		
	Mr. Flynn - Unit	ted States citizen	
	Special Situation Deerfield Manage Deerfield Intern	al, L.P., Deerfield Partners ons Fund, L.P Delaware li ement Company, L.P New Yo national Limited and Deerfie imited - British Virgin Isla	mited partnerships ork limited partnership old Special Situations
Item 2(d).	Title of Class	of Securities:	
	Common Stock, pa	ar value \$.01	
Item 2(e).	CUSIP Number:		
	750491102		
Item 3.		nt is Filed Pursuant to Rule nether the Person Filing is	· · · · ·
(a)	[_] Broker or de	ealer registered under Secti	on 15 of the Exchange
(b)	[_] Bank as def:	ined in Section 3(a)(6) of t	he Exchange Act.
(c)	[_] Insurance co	ompany as defined in Section	3(a)(19) of the Exchange
(d)	[] Invoctment	company registered under Sec	stion & of the Investment

		Company Act.	
(e) [_]	An investment adviser in accordance with Rul $13d-1(b)(1)(ii)(E);$	е
(f) [_]	An employee benefit plan or endowment fund i Rule 13d-1(b)(1)(ii)(F);	n accordance with
(g) [_]	A parent holding company or control person i Rule 13d-1(b)(1)(ii)(G);	n accordance with
			Page 10 of 12
(h) [_]	A savings association as defined in Section Deposit Insurance Act;	3(b) of the Federal
(i) [_]	A church plan that is excluded from the defi investment company under Section 3(c)(14) of Company Act;	
(j) [_]	Group, in accordance with Rule 13d-1(b)(1)(i	i)(J).
Item 4.	Owners	nip.	
		ne following information regarding the aggreg ne class of securities of the issuer identifi	
(a)	Amount	beneficially owned:	
	Deerfic Deerfic Deerfic Deerfic	eld Capital, L.P 868,184 shares eld Partners, L.P 217,984 shares eld Special Situations Fund, L.P 650,200 s eld Management Company, L.P 1,617,520 shar eld International Limited - 377,603 shares eld Special Situations International Limited E. Flynn - 2,485,704 shares.	es
(b)	Percen	of class:	
	Deerfic Deerfic Deerfic Deerfic	eld Capital, L.P 2.43% eld Partners, L.P61% eld Special Situations Fund, L.P 1.82% eld Management Company, L.P 4.52% eld International Limited - 1.06% eld Special Situations International Limited E. Flynn - 6.95%	- 3.46%
(c)	Number	of shares as to which such person has:	
	(i)	Sole power to vote or to direct the vote	0
	(ii)	Shared power to vote or to direct the vote	Deerfield Capital, L.P 868,184 Deerfield Partners, L.P 217,984 Deerfield Special Situations Fund, L.P 650,200

Deerfield

Management Company, L.P. - 1,617,520

Deerfield
International
Limited - 377,603
Deerfield Special
Situations Fund
International
Limited - 1,239,917
James E. Flynn 2,485,704.

(iii) Sole power to dispose or to direct the disposition of

0

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(iv) Shared power to dispose or to direct the disposition of

Deerfield Capital, L.P. - 868,184 Deerfield Partners, L.P. - 217,984 Deerfield Special Situations Fund, L.P. - 650,200 Deerfield Management Company, L.P. - 1,617,520 Deerfield International Limited - 377,603 Deerfield Special Situations Fund International Limited - 1,239,917 James E. Flynn -2,485,704. _____.

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

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 $|_|$.

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

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than five percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

N/A

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

If a parent holding company or Control person has filed this schedule, pursuant to Rule 13d-1(b) (1) (ii) (G), so indicate under Item 3(g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company or control person has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identification of the relevant subsidiary.

N/A

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

If a group has filed this schedule pursuant to ss.240.13d-1(b)(1)(ii)(J), so indicate under Item 3(j) and attach an exhibit stating the identity and Item 3 classification of each member of the group. If a group has filed this schedule pursuant to ss.240.13d-1(c) or ss.240.13d-1(d), attach an exhibit stating the identity of each member of the group.

See Exhibit B

Item 9. Notice of Dissolution of Group.

Notice of dissolution of a group may be furnished as an exhibit stating the date of the dissolution and that all further filings with respect to transactions in the security reported on will be filed, if required, by members of the group, in their individual capacity. See Item 5.

N/A

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 such 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.

DEERFIELD CAPITAL, L.P.

By: J.E. Flynn Capital LLC,

General Partner

By: /s/ Darren Levine

Darren Levine, Authorized Signatory

DEERFIELD PARTNERS, L.P.

By: Deerfield Capital, L.P.

By: J.E. Flynn Capital LLC,

General Partner

By: /s/ Darren Levine Darren Levine, Authorized Signatory DEERFIELD SPECIAL SITUATIONS FUND, L.P. By: Deerfield Capital, L.P. By: J.E. Flynn Capital LLC, General Partner By: /s/ Darren Levine Darren Levine, Authorized Signatory DEERFIELD MANAGEMENT COMPANY, L.P. By: Flynn Management LLC General Partner By: /s/ Darren Levine Darren Levine, Authorized Signatory DEERFIELD INTERNATIONAL LIMITED By: Deerfield Management Company By: Flynn Management LLC, General Partner By: /s/ Darren Levine _____ Darren Levine, Authorized Signatory DEERFIELD SPECIAL SITUATIONS FUND INTERNATIONAL LIMITED By: Deerfield Management Company By: Flynn Management LLC, General Partner By: /s/ Darren Levine Darren Levine, Authorized Signatory JAMES E. FLYNN /s/ Darren Levine Darren Levine, Attorney-In-Fact Date: February 12, 2009

Exhibit List

Exhibit A . Joint Filing Agreement.

Exhibit B. Item 8 Statement.

Exhibit C (1). Power of Attorney.

(1) Previously filed as Exhibit 24 to a Form 4 with regard to PAR Pharmaceutical Companies, Inc. filed with the Commission on February 1, 2007 by Deerfield Capital L.P.; Deerfield Partners, L.P.; Deerfield Management Company, L.P.; Deerfield International Limited; Deerfield Special Situations Fund, L.P.; Deerfield Special Situations Fund International Limited; and James E. Flynn.

Exhibit A

Agreement

The undersigned agree that this Schedule 13G dated January 25, 2006 relating to the Common Stock of RadNet, Inc. shall be filed on behalf of the undersigned.

DEERFIELD CAPITAL, L.P.

By: J.E. Flynn Capital LLC, General Partner

By: /s/ Darren Levine

Darren Levine, Authorized Signatory

DEERFIELD PARTNERS, L.P.

By: Deerfield Capital, L.P.

By: J.E. Flynn Capital LLC, General Partner

By: /s/ Darren Levine

Darren Levine, Authorized Signatory

DEERFIELD SPECIAL SITUATIONS FUND, L.P.

By: Deerfield Capital, L.P.

By: J.E. Flynn Capital LLC,

General Partner

By: /s/ Darren Levine

Darren Levine, Authorized Signatory

DEERFIELD MANAGEMENT COMPANY

By: Flynn Management LLC

General Partner

By: /s/ Darren Levine

Darren Levine, Authorized Signatory

DEERFIELD INTERNATIONAL LIMITED

By: Deerfield Management Company

By: Flynn Management LLC, General Partner

By: /s/ Darren Levine

Darren Levine, Authorized Signatory

DEERFIELD SPECIAL SITUATIONS FUND INTERNATIONAL LIMITED

By: Deerfield Management Company

By: Flynn Management LLC,

General Partner

By: /s/ Darren Levine

Darren Levine, Authorized Signatory

JAMES E. FLYNN

/s/ Darren Levine

Darren Levine, Attorney-In-Fact

Exhibit B

Due to the relationships between them, the reporting persons hereunder may be deemed to constitute a "group" with one another for purposes of Section 13(d)(3) of the Securities Exchange Act of 1934.