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 PER	SONS				
	I.R.S.	IDENTIFICATION	NO. O	F ABOVE	PERSONS	(ENTITIES	ONLY)

Deerfield Capital, L.P.

#### \_\_\_\_\_ 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) |\_| (b) |X| \_\_\_\_\_ 3. SEC USE ONLY \_\_\_\_\_ 4. CITIZENSHIP OR PLACE OF ORGANIZATION Delaware \_\_\_\_\_ \_\_\_\_\_ 5. SOLE VOTING POWER 0 \_\_\_\_\_ NUMBER OF 6. SHARED VOTING POWER SHARES BENEFICIALLY 868,184 OWNED BY \_\_\_\_\_ \_\_\_\_\_ 7. SOLE DISPOSITIVE POWER EACH REPORTING PERSON 0 \_\_\_\_\_ WITH 8. SHARED DISPOSITIVE POWER 868,184 \_\_\_\_\_ 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 868,184 \_\_\_\_\_ 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* |\_| \_\_\_\_\_ 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 2.43% \_\_\_\_ \_\_\_\_\_ 12. TYPE OF REPORTING PERSON\* PN \_\_\_\_\_ CUSIP No. 750491102 13G Page 3 of 12 \_\_\_\_\_ NAME OF REPORTING PERSONS 1. I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Deerfield Partners, L.P. \_\_\_\_\_ 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) |\_| (b) |X| \_\_\_\_\_

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3. SEC USE ONLY

4.	CITIZENS	HIP OR PLACE OF ORGANIZATION							
	Delaware								
		5. SOLE VOTING POWER							
SHARES BENEFICIALLY OWNED BY		0	0						
		6. SHARED VOTING POWER	. SHARED VOTING POWER						
		217,984							
		SOLE DISPOSITIVE POWER							
		0							
		SHARED DISPOSITIVE POWER							
		217,984							
9.	AGGREGAT	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON							
	217,984								
10.		CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*  _							
	PERCENT	RCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)							
		REPORTING PERSON*							
	PN								
CUSIP	No. 7504	91102 13G	Page 4 of 12						
1.		REPORTING PERSONS DENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)							
	Deerfield Special Situations Fund, L.P.								
2.	CHECK TH	(a)  _  (b)  X							
3.	SEC USE	ONLY							
4.		HIP OR PLACE OF ORGANIZATION							
	Delaware								
	·	5. SOLE VOTING POWER							

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		0							
SHARES BENEFICIALLY OWNED BY		6. SHARED VOTING POWER							
		650,200							
		7. SOLE DISPOSITIVE POWER							
		0							
		8. SHARED DISPOSITIVE POWER							
		650,200							
9.	AGGREGAT	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON							
	650,200								
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*  _								
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)								
	1.82%								
12.	TYPE OF REPORTING PERSON*								
	PN								
CUSIP	SIP No. 750491102 13G Pag								
1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)								
	Deerfiel	d Management Company, L.P.							
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) (b)			_   X					
3.	SEC USE ONLY								
4.		HIP OR PLACE OF ORGANIZATION							
	New York								
		5. SOLE VOTING POWER							
		0							
NUMBER OF SHARES		6. SHARED VOTING POWER							
BENEFICIALLY OWNED BY		1,617,520							

EACH REPORTING PERSON WITH		<pre>7. SOLE DISPOSITIVE POWER 0 8. SHARED DISPOSITIVE POWER</pre>					
		1,617,520					
	AGGREGAT	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
		CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*  _					
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
	Y.32% TYPE OF REPORTING PERSON*						
	PN						
CUSIP	No. 7504	91102 13G	Page	6 0	f 12		
1.		REPORTING PERSONS DENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)					
	Deerfiel	d International Limited					
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*				_   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 PERSON WITH		6. SHARED VOTING POWER					
		377,603					
		7. SOLE DISPOSITIVE POWER					
		0					
		8. SHARED DISPOSITIVE POWER					
		377,603					

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#### \_\_\_\_\_ AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9. 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\* CO \_\_\_\_\_ CUSIP No. 750491102 13G Page 7 of 12 \_\_\_\_\_ 1. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Deerfield Special Situations Fund International Limited \_\_\_\_\_ 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) |\_| (b) |X| \_\_\_\_\_ 3. SEC USE ONLY \_\_\_\_\_ CITIZENSHIP OR PLACE OF ORGANIZATION 4. British Virgin Islands \_\_\_\_\_ \_\_\_\_\_ 5. SOLE VOTING POWER 0 \_\_\_\_\_ NUMBER OF 6. SHARED VOTING POWER SHARES BENEFICIALLY 1,239,917 OWNED BY \_\_\_\_\_ EACH 7. SOLE DISPOSITIVE POWER REPORTING PERSON 0 \_\_\_\_\_ WITH 8. SHARED DISPOSITIVE POWER 1,239,917 \_\_\_\_\_ 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,239,917 \_\_\_\_\_ 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* |\_|

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11.
  PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
  3.46%
_____
12. TYPE OF REPORTING PERSON*
  CO
_____
CUSIP No. 750491102
                    13G
                                    Page 8 of 12
      _____
1.
  NAME OF REPORTING PERSONS
   I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)
  James E. Flvnn
 _____
 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
2.
                                       (a) | |
                                       (b) |X|
 _____
3. SEC USE ONLY
_____
4.
  CITIZENSHIP OR PLACE >
/s/ Jack W. Callicutt, by power of attorney
    02/02/2018
**Signature of Reporting Person
Date
```

# **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Includes 6,000 shares that the reporting person previously mistakenly reported as being held directly and which should have been reported as being held indirectly, by the reporting person's IRA.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. 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 number.

Limited ------ Item 2(b). Address of Principal Business Office, or if None, Residence: James E. Flynn, Deerfield Capital, L.P., Deerfield Partners, L.P. Deerfield Special Situations Fund, L.P., Deerfield Management Company, L.P., 780 Third Avenue, 37th Floor, New York, NY 10017 Deerfield International Limited, Deerfield Special Situations International Limited c/o Bisys Management, Bison Court, Columbus Centre, P.O. Box 3460, Road Town, Tortola, British Virgin Islands

------ Item 2(c). Citizenship: Mr. Flynn - United States citizen Deerfield Capital, L.P., Deerfield Partners, L.P. and Deerfield Special Situations Fund, L.P. - Delaware limited partnerships Deerfield Management Company, L.P. - New York limited partnership Deerfield International Limited and Deerfield Special Situations International Limited - British Virgin Islands corporations ------ Item 2(d). Title of Class of Securities: Common Stock, par value \$.01 ------ Item 2(e). CUSIP Number: 750491102 ----- Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a: (a) [] Broker or dealer registered under Section 15 of the Exchange Act. (b) [] Bank as defined in Section 3(a)(6) of the Exchange Act. (c) [] Insurance company as defined in Section 3(a)(19) of the Exchange Act. (d) [] Investment company registered under Section 8 of the Investment Company Act. (e) [] An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E); (f) [] An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F); (g) [\_] A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G); Page 10 of 12 (h) [\_] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act; (i) [ ] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act; (j) [\_] Group, in accordance with Rule 13d-1(b)(1)(ii)(J). Item 4. Ownership. Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1. (a) Amount beneficially owned: Deerfield Capital, L.P. - 868,184 shares Deerfield Partners, L.P. - 217,984 shares Deerfield Special Situations Fund, L.P. -650,200 shares Deerfield Management Company, L.P. - 1,617,520 shares Deerfield International Limited - 377,603 shares Deerfield Special Situations International Limited - 1,239,917 shares James E. Flynn - 2,485,704 shares. ------ (b) Percent of class: Deerfield Capital, L.P. - 2.43% Deerfield Partners, L.P. - .61% Deerfield Special Situations Fund, L.P. - 1.82% Deerfield Management Company, L.P. - 4.52% Deerfield International Limited - 1.06% Deerfield Special Situations International Limited - 3.46% James E. Flynn - 6.95% ------ (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 -----, Page 11 of 12 (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 ------ 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." Page 12 of 12 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.