RADISYS CORP Form SC 13G/A February 06, 2012

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934 (Amendment No. 5 )  $^{\star}$ 

Radisys Corporation

(Name of Issuer)

Common Stock

(Title of Class of Securities)

750459109

(CUSIP Number)

December 31, 2011

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

(Date of Event Which Requires Filing of this Statement)

- [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 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).

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CUSIP No. 750	0459109 13G	
1 NAME OF R	EPORTING PERSON	 
Artisan I	Partners Holdings LP	
2 CHECK THE (see Inst:	APPROPRIATE BOX IF A MEMBER OF A GROUP ructions)	[_]
Not Appl:	icable	
3 SEC USE ON	NLY	 
4 CITIZENSH	IP OR PLACE OF ORGANIZATION	 
	5 SOLE VOTING POWER	 
NUMBER OF SHARES	None	 
BENEFICIALLY	6 SHARED VOTING POWER	
OWNED BY EACH	1,645,997	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	 
WITH	None	
	8 SHARED DISPOSITIVE POWER	 
	1,721,397	
9 AGGREGATE 1,721,39°	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	 
	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	 [_]
Not Appl	icable	
11 PERCENT OF	F CLASS REPRESENTED BY AMOUNT IN ROW (9)	 
6.2%		 
12 TYPE OF RI	EPORTING PERSON ructions)	
НС		

Page 2 of 17

1 NAME OF REPO	ORTING PERSON	
Artisan In	vestment Corporation	
2 CHECK THE Al	PPROPRIATE BOX IF A MEMBER OF A GROUP ctions)	(a) [_] (b) [_]
Not Applica	able	
3 SEC USE ONL		
4 CITIZENSHIP	OR PLACE OF ORGANIZATION	
Wisconsin		
	5 SOLE VOTING POWER	
NUMBER OF	None	
	6 SHARED VOTING POWER	
OWNED BY EACH	1,645,997	
	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	1,721,397	
9 AGGREGATE AI	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
1,721,397		
10 CHECK BOX II	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ctions)	[_]
Not Applica	able	
11 PERCENT OF (	CLASS REPRESENTED BY AMOUNT IN ROW (9)	
6.2%		
12 TYPE OF REPO	ORTING PERSON	
НС		
	Page 3 of 17	
CUSIP No. 7504	59109 13G	

1 NAME OF REPORTING PERSON

Artisan 1	Partners Limited Partnership	
	E APPROPRIATE BOX IF A MEMBER OF A GROUP cructions)	(a) [_] (b) [_]
Not Appl	icable	
3 SEC USE O	)NLY	
4 CITIZENSH	HIP OR PLACE OF ORGANIZATION	
Delaware	•	
	5 SOLE VOTING POWER	
NUMBER OF	None	
SHARES BENEFICIALLY	6 SHARED VOTING POWER	
OWNED BY EACH	1,645,997	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	1,721,397	
9 AGGREGATE	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
1,721,39	77	
	G IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES cructions)	[_]
Not Appl	icable	
11 PERCENT O	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
6.2%		
	REPORTING PERSON cructions)	
IA		
	Page 4 of 17	
CUSIP No. 75	50459109 13G	
1 NAME OF R	REPORTING PERSON	

Artisan Investments GP LLC

4

2 CHECK THE A		(a) (b)	
3 SEC USE ONL			
4 CITIZENSHIP	OR PLACE OF ORGANIZATION		
Delaware			
	5 SOLE VOTING POWER		
NUMBER OF SHARES	None		
	6 SHARED VOTING POWER		
EACH REPORTING	1,645,997		
PERSON WITH	7 SOLE DISPOSITIVE POWER		
	None		
	8 SHARED DISPOSITIVE POWER		
	1,721,397		
9 AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
1,721,397			
10 CHECK BOX II	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ctions)		[_]
Not Applic	able		
11 PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)		
6.2%			
12 TYPE OF REPO	ORTING PERSON ctions)		
НС			
	Page 5 of 17		
CUSIP No. 7504	59109 13G		
1 NAME OF REP	ORTING PERSON		
ZFIC, Inc.			

2	CHECK THE AN		OPRIATE BOX IF A MEMBER OF A GROUP ons)	(a) (b)	[_] [_]
	Not Applica	abl	е		
3	SEC USE ONL	Υ			
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION		
	Wisconsin				
		5	SOLE VOTING POWER		
	MBER OF		None		
BENI		6	SHARED VOTING POWER		
	NNED BY EACH		1,645,997		
	PORTING PERSON	7	SOLE DISPOSITIVE POWER		
	WITH		None		
		8	SHARED DISPOSITIVE POWER		
			1,721,397		
9	1,721,397	 F Ti cti			[_]
11	PERCENT OF	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)		
	6.2%				
12	TYPE OF REPO				
			Page 6 of 17		
_					
CUS	IP No. 7504				
1	NAME OF REP		ING PERSON		
	Andrew A.	Zie	gler		
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP ons)	(a)	[_]

			(b)	[_]
Not Applic	able	e		
3 SEC USE ONL	Y			
4 CITIZENSHIP	OR	PLACE OF ORGANIZATION		
U.S.A.				
	5	SOLE VOTING POWER		
NUMBER OF		None		
	6	SHARED VOTING POWER		
OWNED BY EACH		1,645,997		
REPORTING PERSON	7	SOLE DISPOSITIVE POWER		
WITH		None		
	8	SHARED DISPOSITIVE POWER		
		1,721,397		
9 AGGREGATE A	 MOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
1,721,397				
10 CHECK BOX I		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		[_]
Not Applica	able	e		
11 PERCENT OF	CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)		
6.2%				
12 TYPE OF REPO				
IN				
		7 6 17		
		Page 7 of 17		
CUSIP No. 7504	591(	09 13G		
1 NAME OF REP	ORT:	ING PERSON		
Carlene M.	Zie	egler		
2 CHECK THE A		DPRIATE BOX IF A MEMBER OF A GROUP	(a)	[_]

	Not Applic	abl	е		
3	SEC USE ONL	Υ			
4		OR	PLACE OF ORGANIZATION		
	U.S.A.				
		5	SOLE VOTING POWER		
NU	MBER OF SHARES		None		
	WNED BY	6	SHARED VOTING POWER		
RE	EACH PORTING		1,645,997 		
	PERSON WITH	7	SOLE DISPOSITIVE POWER		
			None		
		8	SHARED DISPOSITIVE POWER		
			1,721,397		
9	AGGREGATE A	MOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,721,397				
10	CHECK BOX I		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		[_]
	Not Applic	abl	9		
11	PERCENT OF	CLA:	SS REPRESENTED BY AMOUNT IN ROW (9)		
	6.2%				
12	TYPE OF REP				
	IN				
			Page 8 of 17		
CUS	SIP No. 7504	591	09 13G		
1	NAME OF REP	ORT	ING PERSON		
	Artisan Pa	rtne	ers Funds, Inc.		
2	CHECK THE A		DPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	[_] [_]
	Not Applic	able	e e		

		Edgar Filling. FIADIO 10 OOTH FORM 00 130/A
3 SEC USI	E ONLY	
4 CITIZE	NSHIP OR	PLACE OF ORGANIZATION
Wiscon	nsin	
	5	SOLE VOTING POWER
NUMBER OF		None
		SHARED VOTING POWER
OWNED BY EACH		1,140,297
		SOLE DISPOSITIVE POWER
WITH		None
	8	SHARED DISPOSITIVE POWER
		1,140,297
9 AGGREGA	ATE AMOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON
1,140,	,297	
	BOX IF TI	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [_]
Not Ap	pplicable	e
11 PERCEN	r of cla	SS REPRESENTED BY AMOUNT IN ROW (9)
4.1%		
	F REPORT	ING PERSON
IC		
		Page 9 of 17
Item 1(a)	Name o	f Issuer:
	Radi	sys Corporation
Item 1(b) Addres		s of Issuer's Principal Executive Offices:
	5435	N.E. Dawson Creek Drive, Hillsboro, OR 97124
Item 2(a)	Name o	f Person Filing:
	Arti: A: Arti:	san Partners Holdings LP ("Artisan Holdings") san Investment Corporation, the general partner of rtisan Holdings ("Artisan Corp.") san Partners Limited Partnership ("Artisan Partners") san Investments GP LLC, the general partner of

Artisan Partners ("Artisan Investments")
ZFIC, Inc., the sole stockholder of Artisan Corp. ("ZFIC")
Andrew A. Ziegler
Carlene M. Ziegler
Artisan Partners Funds, Inc. ("Artisan Funds")

Item 2(b) Address of Principal Business Office:

Artisan Holdings, Artisan Corp., Artisan Partners, Artisan Investments, ZFIC,

 $\operatorname{Mr.}$  Ziegler,  $\operatorname{Ms.}$  Ziegler and Artisan Funds are all located at:

875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202

Item 2(c) Citizenship:

Artisan Holdings is a Delaware limited partnership
Artisan Corp. is a Wisconsin corporation
Artisan Partners is a Delaware limited partnership
Artisan Investments is a Delaware limited liability company
ZFIC is a Wisconsin corporation
Mr. Ziegler and Ms. Ziegler are U.S. citizens
Artisan Funds is a Wisconsin corporation

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

750459109

- - (d) Artisan Funds is an Investment Company under section 8 of the Investment Company  $\mbox{Act.}$
  - (e) Artisan Partners is an investment adviser registered under section 203 of the Investment Advisers Act of 1940; Artisan Holdings is the sole limited partner of Artisan Partners; Artisan Investments is the general partner of Artisan Partners; Artisan Corp is the general partner of Artisan Holdings; ZFIC is the sole stockholder of Artisan Corp.; Mr. Ziegler and Ms. Ziegler are the principal stockholders of ZFIC.

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- Item 4 Ownership (at December 31, 2011):
  - (a) Amount owned "beneficially" within the meaning of rule 13d-3:

1,721,397

- (b) Percent of class:
  - 6.2% (based on 27,736,226 shares outstanding as of November 1, 2011)
- (c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote:

None

(ii) shared power to vote or to direct the vote:

1,645,997

(iii) sole power to dispose or to direct the disposition of:

None

(iv) shared power to dispose or to direct the disposition of:

1,721,397

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:

The shares reported herein have been acquired on behalf of discretionary clients of Artisan Partners; as reported herein, Artisan Partners holds 1,721,397 shares, including 1,140,297 shares on behalf of Artisan Funds. Persons other than Artisan Partners are entitled to receive all dividends from, and proceeds from the sale of, those shares.

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

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.

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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 6, 2012

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Sarah A. Johnson\*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Sarah A. Johnson\*

ZFIC, INC.

By: Sarah A. Johnson\*

ANDREW A. ZIEGLER

Andrew A. Ziegler\*

CARLENE M. ZIEGLER

Carlene M. Ziegler\*

ARTISAN PARTNERS FUNDS, INC.

By: Sarah A. Johnson\*

\*By: /s/ Sarah A. Johnson

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Sarah A. Johnson
Vice President of Artisan
Investment Corporation
Vice President of Artisan
Investments GP LLC
Attorney-in-Fact for ZFIC, Inc.
Attorney-in-Fact for Andrew A.
Ziegler
Attorney-in-Fact for Carlene M.

Attorney-in-Fact for Carlene M.
Ziegler
General Counsel and Secretary of
Artisan Partners Funds, Inc.

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#### Exhibit Index

Exhibit 1 Joint Filing Agreement dated February 6, 2012 by and among Artisan Partners Holdings LP, Artisan Investment Corporation,

Artisan Partners Limited Partnership, Artisan Investments GP LLC, ZFIC, Inc., Andrew A. Ziegler, Carlene M. Ziegler and Artisan Partners Funds, Inc.

Exhibit 2	Power	of	Attorney	οf	ZFIC,	Inc.,	dated	March	19,	2007
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Exhibit 3 Power of Attorney of Andrew A. Ziegler dated March 19, 2007

Exhibit 4 Power of Attorney of Carlene M. Ziegler dated March 19, 2007

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EXHIBIT 1

#### JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule 13G to which this Agreement is attached.

Dated: February 6, 2012

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Sarah A. Johnson\*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Sarah A. Johnson\*

ZFIC, INC.

By: Sarah A. Johnson\*

ANDREW A. ZIEGLER

Andrew A. Ziegler\*

-----

CARLENE M. ZIEGLER

Carlene M. Ziegler\*

\_\_\_\_\_

ARTISAN PARTNERS FUNDS, INC.

By: Sarah A. Johnson\*

\_\_\_\_\_

\*By: /s/ Sarah A. Johnson

\_\_\_\_\_

Sarah A. Johnson

Vice President of Artisan Investment Corporation

Vice President of Artisan
Investments GP LLC
Attorney-in-Fact for ZFIC, Inc.
Attorney-in-Fact for Andrew A.
Ziegler
Attorney-in-Fact for Carlene M.
Ziegler
General Counsel and Secretary of
Artisan Partners Funds, Inc.

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EXHIBIT 2

#### POWER OF ATTORNEY

The undersigned, ZFIC, Inc., hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, its true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on its behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

ZFIC, INC.

STATE OF WISCONSIN )

OUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston

Notary Public

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EXHIBIT 3

#### POWER OF ATTORNEY

The undersigned, Andrew A. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, his true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on his behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

STATE OF WISCONSIN )

OUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston
-----Notary Public

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EXHIBIT 4

POWER OF ATTORNEY

The undersigned, Carlene M. Ziegler, hereby appoints Lawrence A. Totsky,

Janet D. Olsen, and Sarah A. Johnson, and each of them individually, her true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on her behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

STATE OF WISCONSIN )

OUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Carlene M. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed and delivered the said instrument as her own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston
----Notary Public

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