

DOMAIN PARTNERS IV LP  
Form SC 13G/A  
January 19, 2006

CUSIP No. 670704 10 5

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SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
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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) (1)

NuVasive, Inc.

-----  
(Name of Issuer)

Common Stock, \$.001 par value

-----  
(Title of Class of Securities)

670704 10 5

-----  
December 31, 2005  
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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)
- Rule 13d-1(c)
- Rule 13d-1(d)

-----  
(1)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 or otherwise  
subject to the liabilities of that section of the Act but shall be subject to  
all other provisions of the Act.

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1) Name of Reporting Person Domain Partners  
I.R.S. Identification IV, L.P.  
No. of Above Person

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(Entities Only)

-----  
 2) Check the Appropriate Box (a) [X]  
 if a Member of a Group (b) [ ]  
 -----

3) SEC Use Only  
 -----

4) Citizenship or Place of Organization Delaware  
 -----

Number of Shares Beneficially Owned by Each Reporting Person With

5) Sole Voting Power 500,955 shares of Common Stock  
 -----

6) Shared Voting Power -0-  
 -----

7) Sole Dispositive Power 500,955 shares of Common Stock  
 -----

8) Shared Dispositive Power -0-  
 -----

9) Aggregate Amount Beneficially Owned by Each Reporting person 500,955 shares of Common Stock  
 -----

10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
 -----

11) Percent of Class Represented by Amount in Row (9) 2.0%  
 -----

12) Type of Reporting Person PN  
 -----

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1) Name of Reporting Person DP IV Associates  
 I.R.S. Identification L.P.  
 No. of Above Person  
 (Entities Only)

2) Check the Appropriate Box (a) [X]  
 if a Member of a Group (b) [ ]  
 -----

3) SEC Use Only  
 -----

4) Citizenship or Place Delaware  
 -----

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of Organization

-----  
 Number of Shares Beneficially Owned by Each Reporting Person With

5) Sole Voting Power 8,919 shares of Common Stock

-----  
 6) Shared Voting Power -0-

-----  
 7) Sole Dispositive Power 8,919 shares of Common Stock

-----  
 8) Shared Dispositive Power -0-

-----  
 9) Aggregate Amount Beneficially Owned by Each Reporting person 8,919 shares of Common Stock

-----  
 10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares

-----  
 11) Percent of Class Represented by Amount in Row (9) less than 0.1%

-----  
 12) Type of Reporting Person PN

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-----  
 1) Name of Reporting Person Domain Associates  
 I.R.S. Identification L.L.C.  
 No. of Above Person  
 (Entities Only)

-----  
 2) Check the Appropriate Box if a Member of a Group (a) [X]  
 (b) [ ]

-----  
 3) SEC Use Only

-----  
 4) Citizenship or Place of Organization Delaware

-----  
 Number of Shares Beneficially Owned by Each Reporting Person With

5) Sole Voting Power 8,000 shares of Common Stock

-----  
 6) Shared Voting Power -0-

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|       |  |                              |
|-------|--|------------------------------|
|       | 7) Sole Dispositive Power  | 8,000 shares of Common Stock |
| ----- |  |                              |
|       | 8) Shared Dispositive Power                                      | -0-                          |
| ----- |  |                              |
| 9)    | Aggregate Amount Beneficially Owned by Each Reporting person     | 8,000 shares of Common Stock |
| ----- |  |                              |
| 10)   | Check if the Aggregate Amount in Row (9) Excludes Certain Shares |                              |
| ----- |  |                              |
| 11)   | Percent of Class Represented by Amount in Row (9)                | less than 0.1%               |
| ----- |  |                              |
| 12)   | Type of Reporting Person   | 00                           |

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Schedule 13G (Final Amendment)

Reference is hereby made to the statement on Schedule 13G originally filed with the Securities and Exchange Commission on January 20, 2005 (the "Schedule 13G".) Terms defined in the Schedule 13G are used herein as so defined.

The following items of the Schedule 13G are hereby amended and restated to read in their entirety as follows:

Item 4 - Ownership.

(a) Amount Beneficially Owned:

Domain IV: 500,955 shares of Common Stock  
 DP IV A: 8,919 shares of Common Stock  
 DA: 8,000 shares of Common Stock

(b) Percent of Class:

Domain IV: 2.0%  
 DP IV A: less than 0.1%  
 DA: less than 0.1%

(c) Number of shares as to which such person has:

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

Domain IV: 500,955 shares of Common Stock  
 DP IV A: 8,919 shares of Common Stock  
 DA: 8,000 shares of Common Stock

(ii) shared power to vote or to direct the vote: -0-

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

Domain IV: 500,955 shares of Common Stock

DP IV A: 8,919 shares of Common Stock

DA: 8,000 shares of Common Stock

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

-0-

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Item 5 - Ownership of Five Percent or Less of a Class:

This statement is being filed to report the fact that as of the date hereof the Reporting Persons have ceased to be the beneficial owners of more than five percent of the Common Stock.

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Signature:

After reasonable inquiry and to the best of their knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

DOMAIN PARTNERS IV, L.P.

By: One Palmer Square Associates  
IV, L.L.C., General Partner

By /s/ Kathleen K. Schoemaker

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Managing Member

DP IV ASSOCIATES, L.P.

By: One Palmer Square Associates  
IV, L.L.C., General Partner

By /s/ Kathleen K. Schoemaker

-----  
Managing Member

DOMAIN ASSOCIATES, L.L.C.

By /s/ Kathleen K. Schoemaker

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Managing Member

Date: January 17, 2006