

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 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 13d-2(b)  
(Amendment No. 1) (1)

Intuitive Surgical, Inc.  
(Name of Issuer)

Common Stock, par value \$0.001  
(Title of Class of Securities)

46120E10  
(CUSIP Number)

December 31, 2001  
(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 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. 46120E10  
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Page 2 of 17 pages.  
-----

1. Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only)

Mayfield VIII, a California Limited Partnership

2. Check the Appropriate Box if a Member of a Group

(a)

(b)

3. SEC Use Only

4. Citizenship or Place of Organization

California

Number of 5. Sole Voting Power  
Shares

-0-

Beneficially 6. Shared Voting Power  
Owned By

-0-

Each 7. Sole Dispositive Power  
Reporting

-0-

Person 8. Shared Dispositive Power  
With

-0-

9. Aggregate Amount Beneficially Owned by Each Reporting Person

-0-

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

11. Percent of Class Represented by Amount in Row (9)

0%

12. Type of Reporting Person

PN

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CUSIP No. 46120E10  
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-----  
1. Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only)

Mayfield VIII Management, L.L.C.  
-----

2. Check the Appropriate Box if a Member of a Group

(a)   
(b)

-----  
3. SEC Use Only  
-----

4. Citizenship or Place of Organization

Delaware  
-----

Number of 5. Sole Voting Power  
Shares

-0-  
-----

Beneficially 6. Shared Voting Power  
Owned By

-0-  
-----

Each 7. Sole Dispositive Power  
Reporting

-0-  
-----

Person 8. Shared Dispositive Power  
With

-0-  
-----

9. Aggregate Amount Beneficially Owned by Each Reporting Person

-0-  
-----

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

-----

11. Percent of Class Represented by Amount in Row (9)

0%  
-----

12. Type of Reporting Person

00  
-----

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CUSIP No. 46120E10  
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1. Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only)  
  
Mayfield Associates Fund II, a California Limited Partnership

2. Check the Appropriate Box if a Member of a Group  
  
(a)   
(b)

3. SEC Use Only

4. Citizenship or Place of Organization  
  
California

Number of 5. Sole Voting Power  
Shares  
  
-0-

Beneficially 6. Shared Voting Power  
Owned By  
  
-0-

Each 7. Sole Dispositive Power  
Reporting  
  
-0-

Person 8. Shared Dispositive Power  
With  
  
-0-

9. Aggregate Amount Beneficially Owned by Each Reporting Person  
  
-0-

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

11. Percent of Class Represented by Amount in Row (9)  
  
0%

12. Type of Reporting Person  
  
PN

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CUSIP No. 46120E10  
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1. Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only)

Yogen K. Dalal  
-----

2. Check the Appropriate Box if a Member of a Group

(a) (b) 

3. SEC Use Only
- 
- 

4. Citizenship or Place of Organization

U.S.  
-----

- Number of Shares 5. Sole Voting Power

82,589  
-----

- Beneficially Owned By 6. Shared Voting Power

-0-  
-----

- Each Reporting Person 7. Sole Dispositive Power

82,589  
-----

- Person With 8. Shared Dispositive Power

-0-  
-----

9. Aggregate Amount Beneficially Owned by Each Reporting Person

82,589  
-----

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

11. Percent of Class Represented by Amount in Row (9)

0.2%  
-----

12. Type of Reporting Person

IN  
-----

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CUSIP No. 46120E10  
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1. Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only)

F. Gibson Myers, Jr.  
-----

2. Check the Appropriate Box if a Member of a Group

(a) (b) 

3. SEC Use Only

4. Citizenship or Place of Organization

U.S.  
-----

Number of 5. Sole Voting Power  
Shares

69,943  
-----

Beneficially 6. Shared Voting Power  
Owned By

-0-  
-----

Each 7. Sole Dispositive Power  
Reporting

69,943  
-----

Person 8. Shared Dispositive Power  
With

-0-  
-----

9. Aggregate Amount Beneficially Owned by Each Reporting Person

69,943  
-----

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

11. Percent of Class Represented by Amount in Row (9)

0.2%  
-----

12. Type of Reporting Person

IN  
-----

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CUSIP No. 46120E10  
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1. Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only)

Kevin A. Fong  
-----

2. Check the Appropriate Box if a Member of a Group

(a) (b) 

3. SEC Use Only
- 
- 

4. Citizenship or Place of Organization

U.S.  
-----

- Number of Shares 5. Sole Voting Power

651  
-----

- Beneficially Owned By 6. Shared Voting Power

-0-  
-----

- Each Reporting Person 7. Sole Dispositive Power

651  
-----

- Person With 8. Shared Dispositive Power

-0-  
-----

9. Aggregate Amount Beneficially Owned by Each Reporting Person

651  
-----

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

11. Percent of Class Represented by Amount in Row (9)

0%  
-----

12. Type of Reporting Person

IN  
-----

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CUSIP No. 46120E10  
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-----

1. Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only)

William D. Unger  
-----

2. Check the Appropriate Box if a Member of a Group

(a) (b) 

3. SEC Use Only
- 
- 

4. Citizenship or Place of Organization

U.S.  
-----

- Number of Shares 5. Sole Voting Power

28,438  
-----

- Beneficially Owned By 6. Shared Voting Power

-0-  
-----

- Each Reporting Person 7. Sole Dispositive Power

28,438  
-----

- Person With 8. Shared Dispositive Power

-0-  
-----

9. Aggregate Amount Beneficially Owned by Each Reporting Person

28,438  
-----

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

11. Percent of Class Represented by Amount in Row (9)

0.1%  
-----

12. Type of Reporting Person

IN  
-----



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CUSIP No. 46120E10  
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1. Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only)

Wendell G. Van Auken, III

2. Check the Appropriate Box if a Member of a Group

(a)   
(b)

3. SEC Use Only

4. Citizenship or Place of Organization

U.S.

Number of 5. Sole Voting Power  
Shares

63,606

Beneficially 6. Shared Voting Power  
Owned By

-0-

Each 7. Sole Dispositive Power  
Reporting

63,606

Person 8. Shared Dispositive Power  
With

-0-

9. Aggregate Amount Beneficially Owned by Each Reporting Person

63,606

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

11. Percent of Class Represented by Amount in Row (9)

0.2%

12. Type of Reporting Person

IN

-----  
CUSIP No. 46120E10  
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-----

1. Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only)

Michael J. Levinthal  
-----

2. Check the Appropriate Box if a Member of a Group

(a)   
(b) 

3. SEC Use Only

4. Citizenship or Place of Organization

U.S.  
-----

Number of 5. Sole Voting Power  
Shares

31,999  
-----

Beneficially 6. Shared Voting Power  
Owned By

-0-  
-----

Each 7. Sole Dispositive Power  
Reporting

31,999  
-----

Person 8. Shared Dispositive Power  
With

-0-  
-----

9. Aggregate Amount Beneficially Owned by Each Reporting Person

31,999  
-----

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

11. Percent of Class Represented by Amount in Row (9)

0.1%  
-----

12. Type of Reporting Person

IN  
-----

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CUSIP No. 46120E10  
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1. Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only)

A. Grant Heidrich, III  
-----

2. Check the Appropriate Box if a Member of a Group

(a) (b) 

3. SEC Use Only

4. Citizenship or Place of Organization

U.S.  
-----

Number of 5. Sole Voting Power  
Shares

1,478  
-----

Beneficially 6. Shared Voting Power  
Owned By

-0-  
-----

Each 7. Sole Dispositive Power  
Reporting

1,478  
-----

Person 8. Shared Dispositive Power  
With

-0-  
-----

9. Aggregate Amount Beneficially Owned by Each Reporting Person

1,478  
-----

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

11. Percent of Class Represented by Amount in Row (9)

0%  
-----

12. Type of Reporting Person

IN  
-----

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CUSIP No. 46120E10  
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-----  
1. Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only)

Wende S. Hutton  
-----

2. Check the Appropriate Box if a Member of a Group

(a)   
(b)

3. SEC Use Only  
-----

4. Citizenship or Place of Organization

U.S.  
-----

Number of 5. Sole Voting Power  
Shares

6,196  
-----

Beneficially 6. Shared Voting Power  
Owned By

-0-  
-----

Each 7. Sole Dispositive Power  
Reporting

6,196  
-----

Person 8. Shared Dispositive Power  
With

-0-  
-----

9. Aggregate Amount Beneficially Owned by Each Reporting Person

6,196  
-----

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

11. Percent of Class Represented by Amount in Row (9)

0%  
-----

12. Type of Reporting Person

IN  
-----

Item 1.

(a) Name of Issuer:

Intuitive Surgical, Inc.

(b) Address of Issuer's Principal Executive Offices:

1340 W. Middlefield Road  
Mountain View, CA 94043

Item 2.

(a) Name of Persons Filing:

Mayfield VIII, a California Limited Partnership  
Mayfield VIII Management, L.L.C.  
Mayfield Associates Fund II, a California Limited Partnership  
Yogen K. Dalal  
F. Gibson Myers, Jr.  
Kevin A. Fong  
William D. Unger  
Wendell G. Van Auken, III  
Michael J. Levinthal  
A. Grant Heidrich, III  
Wende S. Hutton

(b) Address of Principal Business Office:

c/o Mayfield Fund  
2800 Sand Hill Road  
Menlo Park, CA 94025

(c) Citizenship:

Mayfield VIII and Mayfield Associates Fund II are California Limited Partnerships.  
Mayfield VIII Management, L.L.C. is a Delaware Limited Liability Company.  
The individuals listed in Item 2(a) are U.S. citizens.

(d) Title of Class of Securities:

Common Stock, par value \$0.001

(e) CUSIP Number:

46120E10

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:

Not applicable

Item 4. Ownership.

The information regarding ownership as set forth in Items 5-9 of Pages 2-12 hereto, is hereby incorporated by reference. Shares beneficially owned by each individual reporting person are held as trustee of a trust for the benefit of such reporting person and members of his or her family (except for 249 shares that are beneficially owned by Mr. Heidrich through a family partnership).

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 [X].

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

Not applicable.

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

Not applicable.

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

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

Not applicable.

SIGNATURES

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, 2002

MAYFIELD VIII  
A California Limited Partnership  
By: Mayfield VIII Management, L.L.C.  
Its General Partner

By: /s/ James T. Beck  
-----  
James T. Beck, Authorized Signatory

MAYFIELD VIII MANAGEMENT, L.L.C.

By: /s/ James T. Beck  
-----  
James T. Beck, Authorized Signatory

MAYFIELD ASSOCIATES FUND II  
A California Limited Partnership

By: /s/ James T. Beck  
-----  
James T. Beck, Authorized Signatory

YOGEN K. DALAL

By: /s/ James T. Beck  
-----  
James T. Beck, Attorney In Fact

F. GIBSON MYERS, JR.

By: /s/ James T. Beck  
-----  
James T. Beck, Attorney In Fact

KEVIN A. FONG

By: /s/ James T. Beck  
-----  
James T. Beck, Attorney In Fact

WILLIAM D. UNGER

By: /s/ James T. Beck  
-----  
James T. Beck, Attorney In Fact

WENDELL G. VAN AUKEN, III

By: /s/ James T. Beck  
-----  
James T. Beck, Attorney In Fact

MICHAEL J. LEVINTHAL

By: /s/ James T. Beck

-----  
James T. Beck, Attorney In Fact

A. GRANT HEIDRICH, III

By: /s/ James T. Beck

-----  
James T. Beck, Attorney In Fact

WENDE S. HUTTON

By: /s/ James T. Beck

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James T. Beck, Attorney In Fact



EXHIBIT INDEX

Exhibit 1 - "JOINT FILING AGREEMENT" is hereby incorporated by reference to Exhibit 1 to the Statement on Schedule 13G dated February 13, 2001.

Exhibit 2 - "POWERS OF ATTORNEY" is hereby incorporated by reference to Exhibit 2 to the Statement on Schedule 13G dated February 13, 2001.

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