

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) AND (c) AND AMENDMENTS THERETO FILED
PURSUANT TO 13d-2(b)

(AMENDMENT NO. __)(1)

INTUITIVE SURGICAL, INC.

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

46120E107

(CUSIP Number)

(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)

/X/ 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 ("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).

1 NAME OF REPORTING PERSONS
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

SIERRA VENTURES V, L.P., A CALIFORNIA LIMITED PARTNERSHIP
("SIERRA V") 94-3222153

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A
GROUP* (a) / / (b) /X/

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

CALIFORNIA LIMITED PARTNERSHIP

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER	-0-
	6	SHARED VOTING POWER	2,150,000
	7	SOLE DISPOSITIVE POWER	-0-
	8	SHARED DISPOSITIVE POWER	2,150,000

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH
REPORTING PERSON 2,150,000

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9)
EXCLUDES CERTAIN SHARES* / /

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
6.0%

12 TYPE OF REPORTING PERSON*
PN

*SEE INSTRUCTIONS BEFORE FILLING OUT!

1 NAME OF REPORTING PERSONS
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

SV ASSOCIATES V, L.P., A CALIFORNIA LIMITED PARTNERSHIP
("SV ASSOCIATES") 94-3222154

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A
GROUP* (a) / / (b) /X/

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

CALIFORNIA LIMITED PARTNERSHIP

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER	-0-
	6	SHARED VOTING POWER	2,150,000
	7	SOLE DISPOSITIVE POWER	-0-
	8	SHARED DISPOSITIVE POWER	2,150,000

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH
REPORTING PERSON 2,150,000

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EXCLUDES CERTAIN SHARES* / /

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
6.0%

12 TYPE OF REPORTING PERSON*
PN

*SEE INSTRUCTIONS BEFORE FILLING OUT!

ITEM 1(a) NAME OF ISSUER:

Intuitive Surgical, Inc.

ITEM 1(b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

1340 W. Middlefield Rd.
Mountain View, CA 94043

ITEM 2
(a)-(c)

NAME, ADDRESS AND CITIZENSHIP OF PERSONS FILING:

This statement is being filed by SV Associates V, L.P., a California Limited Partnership ("SV Associates") whose principal business address is 3000 Sand Hill Road, Building Four, Suite 210, Menlo Park, California 94025. SV Associates is general partner to Sierra Ventures V, L.P., a California Limited Partnership ("Sierra V"). With respect to SV Associates, this statement related only to SV Associates' indirect, beneficial ownership of shares of Common Stock of Intuitive Surgical, Inc. (the "Shares"). The Shares are held directly by Sierra V. Management of the Business affairs of SV Associates, including decisions respecting disposition and/or voting of the Shares, is by majority decision of the general partners of SV Associates listed on Exhibit B hereto. Each individual general partner disclaims beneficial ownership of the Shares.

ITEM 2(d) TITLE OF CLASS OF SECURITIES:

Common Stock

ITEM 2(e) CUSIP NUMBER:

46120E107

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13d-1(b) OR 13d-2(b), CHECK WHETHER THE PERSON FILING IS A:

Not applicable.

ITEM 4. OWNERSHIP.

Please see Rows 5-11 of cover pages.

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.

Under certain circumstances set forth in the Limited Partnership Agreements of Sierra V and SV Associates, the general and limited partners of such entities may have the right to receive dividends from, or the proceeds from the sale of shares of Common Stock of Intuitive Surgical, Inc. held by such entity. No such partner's rights relate to more than five percent of the class.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY.

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 that information set forth in this statement is true, complete and correct.

February 14, 2001

SV ASSOCIATES V, L.P.

By: /s/ Martha A. Clarke Adamson

Martha A. Clarke Adamson
Chief Financial Officer

SIERRA VENTURES V,
A CALIFORNIA LIMITED
PARTNERSHIP
By SV Associates V, L.P., its
General Partner

By: /s/ Martha A. Clarke Adamson

Martha A. Clarke Adamson
Chief Financial Officer

EXHIBIT INDEX

Exhibit -----	Found on Sequentially Numbered Page -----
Exhibit A: Agreement of Joint Filing	8
Exhibit B: List of General Partners of SV Associates V, L.P.	9

EXHIBIT A

AGREEMENT OF JOINT FILING

The undersigned hereby agree that they are filing jointly pursuant to Rule 13d-1 of the Act the statement dated February 14, 2001, containing the information required by Schedule 13G, for the Shares of the Common Stock of Intuitive Surgical, Inc. previously held by Sierra Ventures V, L.P., a California Limited Partnership.

February 14, 2001

SV ASSOCIATES V, L.P.

By: /s/ Martha A. Clarke Adamson

Martha A. Clarke Adamson
Chief Financial Officer

SIERRA VENTURES V, L.P.,
A CALIFORNIA LIMITED
PARTNERSHIP
By SV Associates V, L.P., its
General Partner

By: /s/ Martha A. Clarke Adamson

Martha A. Clarke Adamson
Chief Financial Officer

EXHIBIT B

GENERAL PARTNERS OF SV ASSOCIATES V, L.P.

Set forth below, with respect to each general partners of SV Associates V, L.P. is the following: (a) name; (b) business address and (c) citizenship.

1. (a) Peter C. Wendell
(b) c/o Sierra Ventures
3000 Sand Hill Road
Building Four, Suite 210
Menlo Park, CA 94025
(c) United States Citizen

2. (a) Jeffrey M. Drazan
(b) c/o Sierra Ventures
3000 Sand Hill Road
Building Four, Suite 210
Menlo Park, CA 94025
(c) United States Citizen