

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  
THERE TO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. )\*

INTUITIVE SURGICAL, INC.  
-----

(Name of Issuer)

Common Stock, Par Value \$0.001  
-----

(Title of Class of Securities)

46120E107  
-----

(CUSIP Number)

June 13, 2000  
-----

(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)

\*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 disclosure 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).

Continued on following page(s)  
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SCHEDULE 13G

CUSIP No. 46120E107

Page 2 of 9 Pages

1 Name of Reporting Person  
IRS Identification No. of Above Persons (ENTITIES ONLY)

INVESTOR (GUERNSEY) LIMITED

2 Check the Appropriate Box If a Member of a Group\*

- a.   
b.

3 SEC Use Only

4 Citizenship or Place of Organization

GUERNSEY

	5	Sole Voting Power 0
Number of Shares Beneficially Owned By Each Reporting Person With	6	Shared Voting Power 2,529,545
	7	Sole Dispositive 0
	8	Shared Dispositive Power 2,529,545
9	Aggregate Amount Beneficially Owned by Each Reporting Person  2,529,545	
10	Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares*  [ ]	
11	Percent of Class Represented By Amount in Row (9)  7.09%	
12	Type of Reporting Person*  00	

\* SEE INSTRUCTIONS BEFORE FILLING OUT!

1 Name of Reporting Person  
I.R.S. Identification No. of Above Persons (ENTITIES ONLY)  
INVESTOR AB

2 Check the Appropriate Box If a Member of a Group\*  
a.   
b.

3 SEC Use Only

4 Citizenship or Place of Organization  
SWEDEN

Number of Shares Beneficially Owned By Each Reporting Person With	5	Sole Voting Power 0
	6	Shared Voting Power 2,529,545
	7	Sole Dispositive 0
	8	Shared Dispositive Power 2,529,545

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
2,529,545

10 Check Box If the Aggregate Amount in Row (9) Excludes Certain  
Shares\*

11 Percent of Class Represented By Amount in Row (9)  
7.09%

12 Type of Reporting Person\*  
00

\* SEE INSTRUCTIONS BEFORE FILLING OUT!

Item 1(a) Name of Issuer:

Intuitive Surgical, Inc. (the "Issuer")

Item 1(b) Address of the Issuer's Principal Executive Offices:

1340 West Middlefield Road, Mountain View, California 94043.

Item 2(a) Name of Person Filing:

This statement is filed on behalf of each of the following persons (collectively, the "Reporting Persons"):

- i) Investor (Guernsey) Limited, a Guernsey company ("Investor (Guernsey)") and
- ii) Investor AB, a publicly held Swedish company ("Investor AB").

This Statement relates to the Shares held for the account of Investor (Guernsey). Investor (Guernsey) is a wholly-owned subsidiary of a Dutch company, which is a wholly-owned subsidiary of a Swedish company, which is a wholly-owned subsidiary of Investor AB.

Item 2(b) Address of Principal Business Office or, if None, Residence:

The address and principal business office of Investor (Guernsey) is National Westminster House, Le Truchot, St. Peter Port, Guernsey, Channel Islands GY1 4PW. The address and principal business office of Investor AB is Arsenalsgatan 8c, SE-103 32, Stockholm, Sweden.

Item 2(c) Citizenship:

- i) Investor (Guernsey) is a Guernsey company and
- ii) Investor AB is a publicly held Swedish company.

Item 2(d) Title of Class of Securities:

Common Stock, par value \$0.001 (the "Shares").

Item 2(e) CUSIP Number:

46120E107

Item 3. If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b), check whether the person filing is a:

This Item 3 is not applicable.

Item 4. Ownership:

Item 4(a) Amount Beneficially Owned:

As of September 29, 2000, each of the Reporting Persons may be deemed the beneficial owner of 2,529,545 Shares.

Item 4(b) Percent of Class:

The number of Shares of which each of the Reporting Persons may be deemed to be the beneficial owner constitutes approximately 7.09% of the total number of Shares outstanding.

Item 4(c) Number of shares as to which such person has:

Investor (Guernsey)  
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- (i) Sole power to vote or to direct the vote: 0
- (ii) Shared power to vote or to direct the vote: 2,529,545
- (iii) Sole power to dispose or to direct the disposition of: 0
- (iv) Shared power to dispose or to direct the disposition of: 2,529,545

Investor AB  
-----

- (i) Sole power to vote or to direct the vote: 0
- (ii) Shared power to vote or to direct the vote: 2,529,545
- (iii) Sole power to dispose or to direct the disposition of: 0
- (iv) Shared power to dispose or to direct the disposition of: 2,529,545

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

This Item 5 is not applicable.

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

The shareholder of Investor (Guernsey) has the right to participate in the receipt of dividends from, or proceeds from the sale of, the securities held by Investor (Guernsey) in accordance with its ownership interests in Investor (Guernsey).

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company:

By signing below each signatory certifies that, to the best of his/its 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 that purpose or effect.

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

This Item 8 is not applicable.

Item 9. Notice of Dissolution of Group:

This Item 9 is not applicable.

Item 10. Certification:

By signing below each signatory certifies that, to the best of his/its 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 that purpose or effect.

SIGNATURES

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

Date: September 29, 2000

INVESTOR (GUERNSEY) LIMITED

By: /S/ WAYNE TALLOWIN

-----  
Name: Wayne Tallowin  
Title: Director "A"

By: /S/ MARC HOLLANDER

-----  
Name: Marc Hollander  
Title: Director "B"

Date: September 29, 2000

INVESTOR AB

By: /S/ MARC HOLLANDER

-----  
Name: Marc Hollander  
Title: Chief Executive Officer

EXHIBIT INDEX

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A.	Joint Filing Agreement, dated as of September 29, 2000, by and between Investor (Guernsey) Limited and Investor AB.....	9
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EXHIBIT A

JOINT FILING AGREEMENT

The undersigned hereby agree that the statement on Schedule 13G with respect to the Common Stock of Intuitive Surgical, Inc., dated as of September 29, 2000, is, and any amendments thereto (including amendments on Schedule 13D) signed by each of the undersigned shall be, filed on behalf of each of us pursuant to and in accordance with the provisions of Rule 13d-1(f) under the Securities Exchange Act of 1934.

Date: September 29, 2000

INVESTOR (GUERNSEY) LIMITED

By: /S/ WAYNE TALLOWIN  
-----  
Name: Wayne Tallowin  
Title: Director "A"

By: /S/ MARC HOLLANDER  
-----  
Name: Marc Hollander  
Title: Director "B"

Date: September 29, 2000

INVESTOR AB

By: /S/ MARC HOLLANDER  
-----  
Name: Marc Hollander  
Title: Chief Executive Officer