SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934

Date of Report: July 26, 2006 (Date of earliest event reported)

INTUITIVE SURGICAL, INC.

(exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

000-30713

Commission File Number

77-0416458

(I.R.S. Employer Identification No.)

950 Kifer Road Sunnyvale, California 94086

(Address of Principal executive offices, including zip code)

(408) 523-2100

(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

On July 26, 2006, Intuitive Surgical issued a press release announcing its financial results for the quarter ended June 30, 2006. A copy of the press release is attached hereto as Exhibit 99.1 and is incorporated by reference into this Item 2.02.

Intuitive is making reference to non-GAAP financial information in the press release. A reconciliation of these non-GAAP financial measures to the comparable GAAP financial measures is contained in the attached press release.

Item 9.01. Financial Statements and Exhibits.

Press release issued by Intuitive Surgical, July 26, 2006.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

INTUITIVE SURGICAL, INC.

Date: July 26, 2006 By /s/ Marshall L. Mohr

Name: Marshall L. Mohr

Title: Senior Vice President and Chief Financial Officer

(3)

EXHIBIT INDEX

Exhibit No.

Description

99.1

Press Release issued by Intuitive Surgical, July 26, 2006

Exhibit 99.1

FOR IMMEDIATE RELEASE

Contacts:

Ben Gong Sarah Norton 408-523-2175 408-523-2161

INTUITIVE SURGICAL ANNOUNCES \$87 MILLION SECOND QUARTER REVENUE, UP 65%

SUNNYVALE, CALIF. July 26, 2006 - Intuitive Surgical, Inc. (NASDAQ: ISRG), the industry leader in surgical robotics, today reported second quarter 2006 sales of \$87.0 million, increasing 65% from \$52.8 million for the second quarter of 2005. Higher sales were driven by increased **da Vinci**® Surgical System sales and continued growth in recurring revenue.

Intuitive sold 39 **da Vinci**® Surgical Systems during the second quarter of 2006, compared to 26 in the second quarter of 2005. Second quarter 2006 system revenue increased to \$48.1 million from \$28.5 million during the second quarter of 2005.

Second quarter 2006 instrument and accessory revenue increased 61% to \$26.1 million from \$16.2 million during the second quarter of 2005. Instrument and accessory revenue growth resulted from a larger installed base of **da Vinci**® Surgical Systems and increased system usage.

Net sales for the six months ended June 30, 2006 totaled \$164.3 million, increasing 74% from 94.4 million for the first half of 2005.

	Three Months Ended,					Six Months Ended,					
	6/30/06		6/30/05	Increase	6/30/06		6/30/05	Increase			
Revenue (\$Millions)							_	_			
Systems	\$ 48.1	. \$	28.5	19.6	\$	90.5 \$	49.8 \$	40.7			
Instruments/Accessories	26. 1		16.2	9.9		49.4	29.1	20.3			
Service/Training	12.8	}	8.1	4.7		24.4	15.5	8.9			
	\$ 87.0	\$	52.8 \$	34.2	\$	164.3 \$	94.4 \$	69.9			
da Vinci® Surgical System Unit Sales	39)	26	13		74	45	29			

Second quarter 2006 operating income was \$24.5 million compared with \$15.3 million for the second quarter of 2005. Operating results for the second quarter of 2006 included \$6.5 million of stock compensation expense in accordance with Financial Accounting Standards Board "SFAS" 123R. Excluding the \$6.5 million of non-cash stock compensation expense, second quarter 2006 operating income was \$31.0 million, up 102% compared with the second quarter of 2005.

Exhibit 99.1

Second quarter 2006 net income, including non-cash stock compensation expense, was \$16.7 million, or \$0.44 per diluted share, compared with \$14.8 million, or \$0.40 per diluted share for the second quarter of 2005. Excluding the impact of stock compensation expenses, second quarter 2006 net income was \$21.1 million, or \$0.55 per share, up 42% compared with the second quarter of 2005. A complete reconciliation between GAAP and results excluding stock compensation is provided in the attached tables.

Intuitive ended the second quarter of 2006 with cash, cash equivalents and investments of \$243.8 million, up \$22.3 million from the previous quarter end. Cash provided by operations for the second quarter of 2006 was \$19.7 million, net of \$5.7 million utilized during the quarter to fund working capital requirements.

Net income for the first half of 2006, including non-cash stock compensation expense, was \$31.1 million, or \$0.82 per diluted share, compared with \$23.9 million, or \$0.64 per diluted share for the first half of 2005. Excluding the impact of stock compensation expenses, first half 2006 net income was \$38.6 million, or \$1.02 per share.

Commenting on the announcement, Lonnie Smith, Chairman and CEO of Intuitive Surgical said, "We are pleased with our second quarter revenue and bottom line growth, which were driven by higher procedure volume across all of our targeted surgical specialties. Adoption of da Vinci Surgery continues as we remain dedicated to providing the most effective, least invasive surgical treatment option available."

The company will also announce these results at a conference call today at 1:30 pm PDT. The dial-in numbers for the call are 877-909-3508 for participants located in the U.S. and 517-645-6051 for participants located outside the U.S. The passcode is ISRG and the meeting leader is Mr. Lonnie Smith. To access financial information that will be discussed on the call, please visit Intuitive Surgical's website at www.intuitivesurgical.com.

About Intuitive's Products:

The da Vinci® Surgical System consists of a surgeon's viewing and control console having an integrated, high-performance InSite® 3-D vision system, a patient-side cart consisting of three or four robotic arms that position and precisely maneuver endoscopic instruments and an endoscope, and a variety of articulating EndoWrist® Instruments. By integrating computer-enhanced technology with surgeons' technical skills, Intuitive believes that its system enables surgeons to perform better surgery in a manner never before experienced. The da Vinci® Surgical System seamlessly and directly translates the surgeon's natural hand, wrist and finger movements on instrument controls at the surgeon's console outside the patient's body into corresponding micro-movements of the instrument tips positioned inside the patient through small puncture incisions, or ports.

Exhibit 99.1

The **Aesop**® Endoscope Positioner is a voice-activated robotic arm that automates the critical task of endoscope positioning, providing the surgeon with direct control over a smooth, precise and stable view of the internal surgical field.

The Hermes® Control Center is a centralized system designed to voice control a series of networked "smart" medical devices.

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This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements are necessarily estimates reflecting the best judgment of our management and involve a number of risks and uncertainties that could cause actual results to differ materially from those suggested by the forward-looking statements. These forward-looking statements should, therefore, be considered in light of various important factors, including the following: timing and success of product development and market acceptance of developed products; regulatory approvals, clearances and restrictions; guidelines and recommendations in the health care and patient communities; intellectual property positions and litigation; competition in the medical device industry and in the specific markets of surgery in which Intuitive Surgical operates; and unanticipated manufacturing disruptions, delays in regulatory approvals of new manufacturing facilities or the inability to meet demand for products. Words such as "estimate," "project," "plan," "intend," "expect," "anticipate," "believe" and similar expressions are intended to identify forward-looking statements. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this press release. We undertake no obligation to publicly update or release any revisions to these forward-looking statements to reflect events or circumstances after the date of this press release or to reflect the occurrence of unanticipated events.

Intuitive®, da Vinci®, da Vinci® STM, InSite®, EndoWrist®, Hermes®, and Aesop® are trademarks or registered trademarks of Intuitive Surgical, Inc.

INTUITIVE SURGICAL, INC. UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (IN THOUSANDS, EXCEPT PER SHARE DATA)

	7	Three Months Ended June 30,			Six Months Ended June 30,			June 30,
		2006		2005		2006		2005
Revenue:								
Products	\$	74,211	\$	44,651	\$	139,880	\$	78,834
Services		12,814		8,105		24,403		15,536
Total revenue		87,025		52,756		164,283		94,370
Cost of revenue:								
Products		21,869		13,649		41,791		24,804
Services		6,179		3,480		11,835		6,676
Total cost of revenue		28,048		17,129		53,626		31,480
Gross profit		58,977		35,627		110,657		62,890
Operating costs and expenses:								
Selling, general, and administrative		27,265		15,934		51,075		30,138
Research and development		7,205		4,355		13,351		8,500
Total operating costs and expenses		34,470		20,289		64,426		38,638
Income from operations		24,507		15,338		46,231		24,252
Interest and other income, net		3,255		954		5,458		1,677
Income before taxes		27,762		16,292		51,689		25,929
Income tax expense		11,080		1,508		20,549		2,041
Net income	\$	16,682	\$	14,784	\$	31,140	\$	23,888
Net income per share:								
Basic	\$	0.45	\$	0.42	\$	0.85	\$	0.69
Diluted	\$	0.44	\$	0.40	\$	0.82	\$	0.64
Shares used in computing net income per share:								
Basic		36,684		34,790		36,532		34,655
Diluted		38,124		37,244		37,974		37,133

INTUITIVE SURGICAL, INC. UNAUDITED RECONCILIATION OF GAAP TO NON-GAAP CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (IN THOUSANDS, EXCEPT PER SHARE DATA)

Three months

	Three months ended June 30, 2006						ended June 30, 2005	
		GAAP	123	R Impact	Pr	o Forma	As	Reported
Sales:		_		_		_		
Products	\$	74,211	\$	-	\$	74,211	\$	44,651
Services		12,814		<u> </u>		12,814		8,105
Total sales		87,025		-		87,025		52,756
Cost of sales:								
Products		21,869		(650)		21,219		13,649
Services		6,179		(360)		5,819		3,480
Total cost of sales		28,048		(1,010)		27,038		17,129
Gross profit		58,977		1,010		59,987		35,627
% Sales		67.8%	, D	1.1%		68.9%	1	67.5%
Operating costs and expenses:								
Selling, general, and administrative		27,265		(4,092)		23,173		15,934
Research and development		7,205		(1,359)		5,846		4,355
Total operating costs and expenses		34,470		(5,451)		29,019		20,289
Income from operations		24,507		6,461		30,968		15,338
% Sales		28.2%	Ó	7.4%		35.6%)	29.1%
Other income, net		3,255		-		3,255		954
Income before income tax provision		27,762		6,461		34,223		16,292
Income tax provision		11,080		2,087		13,167		1,508
Net income	\$	16,682	\$	4,374	\$	21,056	\$	14,784
Net income per share:								
Basic	\$	0.45	\$	0.12	\$	0.57	\$	0.42
Diluted	\$	0.44	\$	0.11	\$	0.55	\$	0.40
Shares used in computing net income per share:								
Basic		36,684				36,684		34,790
Diluted		38,124				38,124		37,244

Note - To supplement our consolidated financial statements presented in accordance with generally accepted accounting principles (GAAP), we have presented "Non-GAAP (pro forma)" information, which reflects our results based on GAAP excluding stock compensation expense under SFAS 123R. This "Non-GAAP" information is provided to enhance the user's overall understanding of our current financial performance and our prospects for the future. Specifically, we believe the "Non-GAAP" results provide useful information to both management and investors by excluding SFAS 123R compensation charges that we believe are not indicative of our core operating results. Further, these "Non-GAAP" results are one of the primary indicators management uses for assessing our performance, allocating resources and planning and forecasting future periods. These measures should be considered in addition to results prepared in accordance with GAAP, but should not be considered a substitute for, or superior to, GAAP results.

INTUITIVE SURGICAL, INC. UNAUDITED RECONCILIATION OF GAAP TO NON-GAAP CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (IN THOUSANDS, EXCEPT PER SHARE DATA)

Six months

ended June 30, Six months ended June 30, 2006 2005 **GAAP** 123R Impact Pro Forma As Reported Sales: 139,880 **Products** \$ 139,880 \$ 78,834 \$ \$ Services 24,403 24,403 15,536 Total sales 164,283 164,283 94,370 Cost of sales: Products 41,791 (1,121)40,670 24,804 Services 11,835 (657)11,178 6,676 Total cost of sales 53,626 (1,778)51,848 31,480 110,657 1,778 Gross profit 112,435 62,890 % Sales 67.4% 1.0% 68.4% 66.6% Operating costs and expenses: Selling, general, and administrative 51,075 (7,291)43,784 30,138 Research and development 13,351 (2,456)10,895 8,500 Total operating costs and expenses 38,638 64,426 (9,747)54,679 Income from operations 46,231 11,525 57,756 24,252 % Sales 28.1% 7.1% 35.2% 25.7% Other income, net 5,458 5,458 1,677 11,525 63,214 Income before income tax provision 51,689 25,929 Income tax provision 20,549 4,091 24,640 2,041 \$ 31,140 7,434 38,574 \$ 23,888 Net income \$ Net income per share: Basic 0.85 0.21 1.06 0.69 0.82 0.20 1.02 Diluted \$ \$ \$ 0.64 Shares used in computing net income per share: Basic 36,532 36,532 34,655 Diluted 37,974 37,974 37,133

Note - To supplement our consolidated financial statements presented in accordance with generally accepted accounting principles (GAAP), we have presented "Non-GAAP (pro forma)" information, which reflects our results based on GAAP excluding stock compensation expense under SFAS 123R. This "Non-GAAP" information is provided to enhance the user's overall understanding of our current financial performance and our prospects for the future. Specifically, we believe the "Non-GAAP" results provide useful information to both management and investors by excluding SFAS 123R compensation charges that we believe are not indicative of our core operating results. Further, these "Non-GAAP" results are one of the primary indicators management uses for assessing our performance, allocating resources and planning and forecasting future periods. These measures should be considered in addition to results prepared in accordance with GAAP, but should not be considered a substitute for, or superior to, GAAP results.

INTUITIVE SURGICAL, INC. UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS (IN THOUSANDS)

	6/30/06		12/31/05		
Cash, cash equivalents, and investments	\$ 243,775	\$	202,739		
Accounts receivable, net	70,530		52,849		
Inventory, net	24,638		15,170		
Property and equipment, net	58,841		52,225		
Goodwill	124,035		124,638		
Deferred tax assets	27,864		40,758		
Other assets	 16,155		13,208		
Total Assets	\$ 565,838	\$	501,587		
Accounts payable and other accrued liabilities	\$ 31,993	\$	33,485		
Deferred revenue	30,775		25,511		
Total liabilities	62,768		58,996		
Stockholders' equity	 503,070		442,591		
Total liabilities and stockholders' equity	\$ 565,838	\$	501,587		

INTUITIVE SURGICAL, INC. UNAUDITED SELECTED CONSOLIDATED STATEMENTS OF CASH FLOWS DATA (IN THOUSANDS)

	Three months ended				Six months ended			
		6/30/06		6/30/05		6/30/06		6/30/05
Net Income	\$	16,682	\$	14,784	\$	31,140	\$	23,888
Depreciation and amortization		2,189		1,630		4,363		3,297
Deferred income tax		4,895		-		12,894		-
Stock option expense		6,461		-		11,525		-
Tax benefits from acquisition and employee stock option plans		603		1,454		603		1,454
Excess tax benefits from stock-based compensation		(5,533)		-		(5,533)		-
Changes in operating assets and liabilities		(5,670)		(7,431)		(19,160)		(5,796)
Other, net		98		(20)		9		(78)
Net cash provided by operating activities	\$	19,725	\$	10,417	\$	35,841	\$	22,765
Acquisition of property and equipment	\$	6,772	\$	3,603	\$	9,975	\$	4,604
Proceeds from issuance of common stock	\$	5,152	\$	2,237	\$	11,653	\$	9,195