

## Endo Reports Second-Quarter 2019 Financial Results

August 5, 2019

- Operating Performance Led by Year-over-Year Double-Digit-Percentage Growth in Revenues of Sterile Injectables Segment and Specialty Products Portfolio of Branded Pharmaceuticals Segment

- Endo Reaffirms Full-Year 2019 Financial Guidance -

DUBLIN, Aug. 5, 2019 /PRNewswire/ -- Endo International plc (NASDAQ: ENDP) today reported second-quarter 2019 financial results, including:

- · Revenues of \$700 million, a decrease of 2 percent compared to second-quarter 2018 revenues of \$715 million.
- ared to second-quarter 2018 revenues of \$106 million
- Standed Pharmaceuticals Specialty Products revenues increased 17 percent to \$124 million compared to second-quarter 2018 revenues of \$106 million
   Sterile Injectables revenues increased 12 percent to \$244 million compared to second-quarter 2018 revenues of \$218 million.
   Reported net loss from continuing operations of \$98 million compared to second-quarter 2018 reported net loss from continuing operations of \$98 million.
- Reported diluted loss per share from continuing operations of \$0.43 compared to second-quarter 2018 reported diluted loss per share from continuing operations of \$0.23.
- Adjusted income from continuing operations of \$120 million compared to second-quarter 2018 adjusted clinuted earnings per share from continuing operations of \$120 million.
   Adjusted diluted earnings per share from continuing operations of \$0.52 compared to second-quarter 2018 adjusted diluted earnings per share from continuing operations of \$0.76.
   Adjusted EBITDA of \$307 million compared to second-quarter 2018 adjusted diluted earnings per share from continuing operations of \$0.76.

"I am pleased with our second-quarter 2019 operating performance, led by continued year-over-year double-digit percentage growth in revenues of our Sterile Injectables segment and in the Specially Products portfolio of our Branded Pharmaceuticals segment. XIAFLEX<sup>®</sup> grew 18 percent in the quarter, reflecting continued demand growth as a result of successful commercial execution and promotional investment," said Paul Campanelli, President and Chief Executive Officer of Endo. "We are on target to meet our previously provided full-year financial guidance and remain highly focused on the continued execution of our multiplear furnaround plan in a challenging external environment."

#### FINANCIAL PERFORMANCE

## (in thousands, except per share amounts)

1	Three Mon	ths Ende	d June 30,				Six Month:	s Ended	June 30,	_	
	2019		2018	Char	nge		2019		2018	Cha	nge
\$	699,727	\$	714,696	(2)	%	\$	1,420,138	\$	1,415,223		- %
\$	(98,052)	\$	(52,479)	87	%	\$	(110,664)	\$	(550,217)	(80)	%
	226,221		223,834	1	%		225,408		223,677	1	%
\$	(0.43)	\$	(0.23)	87	%	\$	(0.49)	\$	(2.46)	(80)	%
\$	120,405	\$	172,195	(30)	%	\$	242,488	\$	322,978	(25)	%
	232,713		227,273	2	%		232,174		226,114	3	%
\$	0.52	\$	0.76	(32)	%	\$	1.04	\$	1.43	(27)	%
	\$ \$ \$	2019 \$ 699,727 \$ (98,052) 226,221 \$ (0.43) \$ 120,405 232,713	2019 \$ 699,727 \$ \$ (98,052) \$ 226,221 \$ (0.43) \$ \$ 120,405 \$ 232,713	2019         2018           \$ 699,727         \$ 714,696           \$ (98,052)         \$ (52,479)           226,221         223,834           \$ (0.43)         \$ (0.23)           \$ 120,405         \$ 172,195           232,713         227,273	\$ 699,727 \$ 714,696 (2) \$ (98,052) \$ (52,479) 87 226,221 223,834 1 \$ (0.43) \$ (0.23) 87 \$ 120,405 \$ 172,195 (30) 232,713 227,273 2	2019         2018         Change           \$ 699,727         \$ 714,696         (2) %           \$ (98,052)         \$ (52,479)         87 %           226,221         223,834         1 %           \$ (0.43)         \$ (0.23)         87 %           \$ 120,405         \$ 172,195         (30) %           232,713         227,273         2 %	2019         2018         Change           \$ 699,727         \$ 714,696         (2) %         \$           \$ (98,052)         \$ (52,479)         87 %         \$           226,221         223,834         1 %         \$           \$ (0.43)         \$ (0.23)         87 %         \$           \$ 120,405         \$ 172,195         (30) %         \$           232,713         227,273         2 %	2019         2018         Change         2019           \$ 699,727         \$ 714,696         (2) %         \$ 1,420,138           \$ (98,052)         \$ (52,479)         87 %         \$ (110,664)           226,221         223,834         1 %         225,408           \$ (0.43)         \$ (0.23)         87 %         \$ (0.49)           \$ 120,405         \$ 172,195         (30) %         \$ 242,488           232,713         227,273         2 %         232,174	2019         2018         Change         2019           \$ 699,727         \$ 714,696         (2) %         \$ 1,420,138         \$           \$ (98,052)         \$ (52,479)         87 %         \$ (110,664)         \$           226,221         223,834         1 %         225,408           \$ (0.43)         \$ (0.23)         87 %         \$ (0.49)         \$           \$ 120,405         \$ 172,195         (30) %         \$ 242,488         \$           232,713         227,273         2 %         232,174	2019         2018         Change         2019         2018           \$ 699,727         \$ 714,696         (2)         %         \$ 1,420,138         \$ 1,415,223           \$ (98,052)         \$ (52,479)         87         %         \$ (110,664)         \$ (550,287)           226,221         223,834         1         %         225,408         223,677           \$ (0.43)         \$ (0.23)         87         %         \$ (0.49)         \$ (2.46)           \$ 120,405         \$ 172,195         (30)         %         \$ 242,488         \$ 322,978           232,713         227,273         2         %         232,174         226,114	2019         2018         Change         2019         2018         Change           \$ 699,727         \$ 714,696         (2)         %         \$ 1,420,138         \$ 1,415,223         —           \$ (98,052)         \$ (52,479)         87         %         \$ (110,664)         \$ (550,217)         (80)           226,221         223,834         1         %         225,408         223,677         1           \$ (0.43)         \$ (0.23)         87         %         \$ (0.49)         \$ (2.46)         (80)           \$ 120,405         \$ 172,195         (30)         %         \$ 242,488         \$ 322,978         (25)           232,713         227,273         2         %         232,174         226,114         3

(1) Diluted per share data is computed based on weighted average shares outstanding and, if there is income from continuing operations during the period, the dilutive impact of ordinary share equivalents outstanding during the period. In the case of Adjusted Diluted Weighted Average Shares, Adjusted Income from Continuing Operations is used in determining whether to include such dilutive impact.

## CONSOLIDATED RESULTS

Total revenues were \$700 million in second-quarter 2019 compared to \$715 million during the same period in 2018. This decrease was primarily attributable to competitive pressures in the Generic Pharmaceuticals segment, the Established Products portfolio of the Branded Pharmaceuticals segment, and the International segment, partially offset by continued strong growth in the Sterile Injectables segment and the Specialty Products portfolio of the Branded Pharmaceuticals segment.

GAAP net loss from continuing operations in second-quarter 2019 was \$98 million compared to GAAP net loss from continuing operations of \$52 million during the same period in 2018. This result was primarily attributable to an increase in asset impairment charges and a decrease in gains on the sale of certain assets, partially offset by a decrease in research and development spending. GAAP diluted net loss per share from continuing operations of \$0.23 in second-quarter 2018.

Adjusted income from continuing operations in second-quarter 2019 was \$120 million compared to \$172 million in second-quarter 2018. This decrease was primarily attributable to lower adjusted gross margin in our Generic Pharmaceuticals segment due to a decline in revenue and an unfavorable change in product mix. Adjusted diluted income per share from continuing operations in second-quarter 2019 was \$0.52 compared to \$0.76 in second-quarter 2018.

#### BRANDED PHARMACEUTICALS

Second-quarter 2019 Branded Pharmaceuticals revenues were \$209 million compared to \$213 million in second-quarter 2018. This decrease was primarily attributable to ongoing generic competition in our Established Products portfolio, offset by continued strong growth of our Specialty Products por

Specialty Products revenues increased 17 percent to \$124 million in second-quarter 2019 compared to second-quarter 2018, primarily driven by the continued strong performance of XIAFLEX<sup>®</sup>. Sales of XIAFLEX<sup>®</sup> increased 18 percent to \$75 million compared to second-quarter 2018, primarily attributable to demand growth in both the Peyronie's Disease and Dupuytren's Contracture indications driven by continued commercial execution and investment in promotional activities.

With regards to Collagenase Clostridium Histolyticum (CCH) for the treatment of cellulite, Phase 3 data was presented in May at the American Society for Aesthetic Plastic Surgery Hot Topics session by clinical investigator Dr. Lawrence Bass. Additionally, Phase 2 and Phase 3 data was presented by multiple physicians, including clinical investigator Dr. Michael Gold, throughout the Vegas Cosmetic Surgery meeting held in June.

## STERII E INJECTARI ES

Second-quarter 2019 Sterile Injectables revenues were \$244 million, an increase of 12 percent compared to second-quarter 2018. This increase reflects the third-quarter 2018 launch of ertapenem for injection, the authorized generic of INVANZ<sup>®</sup>, as well as the continued strong growth of VASOSTRICT<sup>®</sup> and ADRENALIN®. As anticipated, second-quarter 2019 Sterile Injectables revenue declined versus first-quarter 2019 primarily as a result of the non-recurrence of the first-quarter stocking benefit and the expected destocking in the second quarter

# GENERIC PHARMACEUTICALS

Second-quarter 2019 Generic Pharmaceuticals revenues were \$218 million compared to \$241 million in second-quarter 2018. This performance was primarily attributable to increased competitive pressure on certain generic products. Partially offsetting the decrease was the impact of certain 2018 product launches including, among others, colchicine tablets, the authorized generic of Colcrys<sup>®</sup>. During second-quarter 2019, the Generic Pharmaceuticals segment launched three products.

# INTERNATIONAL PHARMACEUTICALS

Second-quarter 2019 International Pharmaceuticals revenues were \$29 million, compared to \$43 million in the same period in 2018.

# 2019 FINANCIAL GUIDANCE

For the twelve months ending December 31, 2019, at current exchange rates, Endo is reaffirming its previously provided guidance on revenue, adjusted diluted earnings per share from continuing operations and adjusted EBITDA from continuing operations. The Company estimates

- Total revenues to be between \$2.76 billion and \$2.96 billion:
- Adjusted diluted earnings per share from continuing operations to be between \$2.00 and \$2.25; and
   Adjusted EBITDA from continuing operations to be between \$1.24 billion and \$1.34 billion.

The Company's 2019 non-GAAP financial guidance is based on the following assumptions:

- Adjusted gross margin of approximately 65.0% to 66.0%;
  Adjusted operating expenses as a percentage of revenues of approximately 24.5% to 25.0%;
  Adjusted interest expense of approximately \$550 million to \$560 million;
- Adjusted effective tax rate of approximately 17.5% to 18.5%; and
- · Adjusted diluted weighted average shares outstanding of approximately 234 million.

# BALANCE SHEET, LIQUIDITY AND OTHER UPDATES

In June 2019, the Company borrowed \$300.0 million under its existing \$1,000.0 million revolving credit facility. The Company expects to use the proceeds from this borrowing for purposes consistent with the Company's previously stated capital allocation priorities, including for general corporate purposes

As of June 30, 2019, the Company had approximately \$1.4 billion in unrestricted cash; debt of \$8.4 billion; net debt of approximately \$7.0 billion and a net debt to adjusted EBITDA ratio of 5.3.

Second-quarter 2019 cash provided by operating activities was \$177 million, compared to \$170 million of net cash provided by operating activities during second-quarter 2018.

# CONFERENCE CALL INFORMATION

Endo will conduct a conference call with financial analysts to discuss this press release tomorrow at 7:30 a.m. ET. The dial-in number to access the call is U.S./Canada (866) 497-0462, International (678) 509-7598, and the passcode is 4344119. Please dial in 10 minutes prior to the scheduled start time. A replay of the call will be available from August 6, 2019 at 10:30 a.m. ET until 10:30 a.m. ET on August 13, 2019 by dialing U.S./Canada (855) 859-2056, International (404) 537-3406, and entering the passcode 4344119.

A simultaneous webcast of the call can be accessed by visiting http://investor.endo.com/events-and-presentations. In addition, a replay of the webcast will be available on the Company website for one year following the event.

# FINANCIAL SCHEDULES

The following table presents Endo's unaudited Total revenues, net for the three and six months ended June 30, 2019 and 2018 (dollars in the

		Three Month	ns Ende	d June 30,	Perc	ent	Six Months	Ended -	June 30,	Perc	ent
	Ξ	2019		2018	Grov	wth	2019		2018	Grov	wth
Branded Pharmaceuticals:											
Specialty Products:											
XIAFLEX®	\$	74,855	\$	63,500	18	%	\$ 143,362	\$	120,641	19	%
SUPPRELIN® LA		23,714		19,963	19	%	45,770		40,540	13	%
Other Specialty (1)		25,524		22,585	13	%	 49,927		41,612	20	%
Total Specialty Products	\$	124,093	\$	106,048	17	%	\$ 239,059	\$	202,793	18	%
Established Products:											
PERCOCET®	\$	28,878	\$	30,833	(6)	%	\$ 59,638	\$	62,809	(5)	%
TESTOPEL®		11,780		13,844	(15)	%	27,594		29,014	(5)	%
Other Established (2)		44,262		61,912	(29)	%	86,247		118,256	(27)	%
Total Established Products	\$	84,920	\$	106,589	(20)	%	\$ 173,479	\$	210,079	(17)	%
Total Branded Pharmaceuticals (3)	\$	209,013	\$	212,637	(2)	%	\$ 412,538	\$	412,872	_	%
Sterile Injectables:											
VASOSTRICT®	\$	116,026	\$	106,329	9	%	\$ 255,163	\$	220,054	16	%
ADRENALIN®		45,835		36,658	25	%	93,157		66,398	40	%
Ertapenem for injection		25,547		_	NM		57,766		_	NM	
Other Sterile Injectables (4)		56,872		74,856	(24)	%	 108,242		147,245	(26)	%
Total Sterile Injectables (3)	\$	244,280	\$	217,843	12	%	\$ 514,328	\$	433,697	19	%
Total Generic Pharmaceuticals	\$	217,784	\$	241,236	(10)	%	\$ 436,310	\$	490,476	(11)	%
Total International Pharmaceuticals	\$	28,650	\$	42,980	(33)	%	\$ 56,962	\$	78,178	(27)	%

<u>\$ 699,727</u> <u>\$ 714,696</u> (2) % <u>\$ 1,420,138</u> <u>\$ 1,415,223</u> — %

(1) Products included within Other Specialty are NASCOBAL® Nasal Spray and AVEED®. Beginning with our first-quarter 2019 reporting, TESTOPEL®, which was previously included in Other Specialty, has been reclassified and is now included in the Established Products portfolio for all periods presented.

(2) Products included within Other Established include, but are not limited to, LIDODERM®, VOLTAREN® Cell, EDEX®, FORTESTA® Cell, and TESTIM®, including the authorized generics of TESTIM® and FORTESTA® Gel.

(3) Individual products presented above represent the top two performing products in each product category for either the three or six months ended June 30, 2019 and/or any product having revenues in excess of \$25 million during any quarterly period in 2019 or 2018.

(4) Products included within Other Sterile Injectables include, but are not limited to, APLISOL® and ephedrine sulfate injection.

The following table presents unaudited Condensed Consolidated Statement of Operations data for the three and six months ended June 30, 2019 and 2018 (in thousands, except per share data):

		Three Months	s Ende	d June 30,		Six Months	Ended	June 30,
		2019		2018		2019		2018
TOTAL REVENUES, NET	\$	699,727	\$	714,696	\$	1,420,138	\$	1,415,22
COSTS AND EXPENSES:								
Cost of revenues		388,208		381,905		780,117		785,50
Selling, general and administrative		152,297		148,157		303,420		314,82
Research and development		26,348		82,102		59,834		120,74
Litigation-related and other contingencies, net		10,315		19,620		10,321		17,12
Asset impairment charges		88,438		22,767		253,886		471,18
Acquisition-related and integration items		(5,507)		5,161		(43,008)		11,99
Interest expense, net		134,809		130,059		267,484		254,04
Gain on extinguishment of debt		_		_		(119,828)		
Other (income) expense, net		(597)		(28,831)		4,205		(31,70
OSS FROM CONTINUING OPERATIONS BEFORE INCOME TAX	\$	(94,584)	\$	(46,244)	\$	(96,293)	\$	(528,49
NCOME TAX EXPENSE		3,468		6,235		14,371		21,72
OSS FROM CONTINUING OPERATIONS	\$	(98,052)	\$	(52,479)	\$	(110,664)	\$	(550,21)
DISCONTINUED OPERATIONS, NET OF TAX		(7,953)		(8,388)		(13,914)		(16,13
NET LOSS	\$	(106,005)	\$	(60,867)	\$	(124,578)	\$	(566,35
NET LOSS PER SHARE—BASIC:	_		_		_		-	
Continuing operations	\$	(0.43)	s	(0.23)	s	(0.49)	s	(2.4
Discontinued operations	Ψ	(0.04)		(0.04)	•	(0.06)		(0.0)
Basic:	\$	(0.47)	s	(0.27)	\$	(0.55)	s	(2.5
NET LOSS PER SHARE—DILUTED:	Ť	(4111)	- <u>-</u>	(4.2.)	· -	(4144)	- <u>-</u>	(=
Continuing operations	\$	(0.43)	s	(0.23)	s	(0.49)	s	(2.4
Discontinued operations	Ψ	(0.04)	ų.	(0.23)		(0.06)	4	(0.0
Discontinued operations Diluted	\$	(0.47)		(0.27)	S	(0.55)	S	(2.5
	<u></u>	(0.47)	_ =	(0.27)		(0.00)		(2.3
VEIGHTED AVERAGE SHARES:		000 004		000 004		005 400		000.07
Basic		226,221		223,834		225,408		223,67
Diluted		226,221		223,834		225,408		223,67

The following table presents unaudited Condensed Consolidated Balance Sheet data at June 30, 2019 and December 31, 2018 (in thousands):

	_	June 30, 2019	De	cember 31, 2018
ASSETS				
CURRENT ASSETS:				
Cash and cash equivalents	\$	1,446,949	\$	1,149,113
Restricted cash and cash equivalents		307,587		305,368
Accounts receivable		442,078		470,570
Inventories, net		335,890		322,179
Other current assets		222,548		95,920
Total current assets	\$	2,755,052	\$	2,343,150
TOTAL NON-CURRENT ASSETS		7,319,237		7,789,243
TOTAL ASSETS	\$	10,074,289	\$	10,132,393
LIABILITIES AND SHAREHOLDERS' DEFICIT				
CURRENT LIABILITIES:				
Accounts payable and accrued expenses, including legal settlement accruals	\$	1,786,054	\$	1,914,285
Other current liabilities		49,766		35,811
Total current liabilities	\$	1,835,820	\$	1,950,096
LONG-TERM DEBT, LESS CURRENT PORTION, NET		8,369,972		8,224,269
OTHER LIABILITIES		458,969		456,311
SHAREHOLDERS' DEFICIT		(590,472)		(498,283)
TOTAL LIABILITIES AND SHAREHOLDERS' DEFICIT	\$	10,074,289	\$	10,132,393

The following table presents unaudited Condensed Consolidated Statement of Cash Flow data for the six months ended June 30, 2019 and 2018 (in thousands):

	Six Months	Ended	June 30,
	2019		2018
OPERATING ACTIVITIES:			
Net loss	\$ (124,578)	\$	(566,356)
Adjustments to reconcile Net loss to Net cash provided by operating activities:			
Depreciation and amortization	320,788		379,646
Asset impairment charges	253,886		471,183
Other, including cash payments to claimants from Qualified Settlement Funds	(363,494)		(65,341)
Net cash provided by operating activities	\$ 86,602	\$	219,132
INVESTING ACTIVITIES:			
Purchases of property, plant and equipment, excluding capitalized interest	\$ (23,632)	\$	(41,960)
Proceeds from sale of business and other assets, net	2,594		37,971
Other	(1,278)		(4,999)
Net cash used in investing activities	\$ (22,316)	\$	(8,988)
FINANCING ACTIVITIES:			
Proceeds from (payments on) borrowings, net	\$ 257,605	\$	(19,650)
Other	(22,676)		(21,143)
Net cash provided by (used in) financing activities	\$ 234,929	\$	(40,793)
Effect of foreign exchange rate	841		(1,010)
NET INCREASE IN CASH, CASH EQUIVALENTS, RESTRICTED CASH AND RESTRICTED CASH EQUIVALENTS	\$ 300,056	\$	168,341
CASH, CASH EQUIVALENTS, RESTRICTED CASH AND RESTRICTED CASH EQUIVALENTS, BEGINNING OF PERIOD	1,476,837		1,311,014
CASH, CASH EQUIVALENTS, RESTRICTED CASH AND RESTRICTED CASH EQUIVALENTS, END OF PERIOD	\$ 1,776,893	\$	1,479,355

To supplement the financial measures prepared in accordance with U.S. generally accepted accounting principles (GAAP), the Company uses certain non-GAAP financial measures. For additional information on the Company's use of such non-GAAP financial measures, refer to Endo's Current Report on Form 8-K furnished today to the U.S. Securities and Exchange Commission, which includes an explanation of the Company's reasons for using non-GAAP measures.

The tables below provide reconciliations of certain of our non-GAAP financial measures to their most directly comparable GAAP amounts. Refer to the "Notes to the Reconciliations of GAAP and Non-GAAP Financial Measures" section below for additional details regarding the adjustments to the non-GAAP financial measures detailed throughout this Supplemental Financial Information section.

# Reconciliation of EBITDA and Adjusted EBITDA (non-GAAP)

The following table provides a reconciliation of Net loss (GAAP) to Adjusted EBITDA (non-GAAP) for the three and six months ended June 30, 2019 and 2018 (in thousands):

	Three Months	Ende	d June 30,	Six Months	Ended	June 30,
	2019		2018	 2019		2018
Net loss (GAAP)	\$ (106,005)	\$	(60,867)	\$ (124,578)	\$	(566,356)
Income tax expense	3,468		6,235	14,371		21,726
Interest expense, net	134,809		130,059	267,484		254,049
Depreciation and amortization (15)	158,055		170,011	320,788		344,469
EBITDA (non-GAAP)	\$ 190,327	\$	245,438	\$ 478,065	\$	53,888
Inventory step-up and other cost savings (2)	\$ _	\$	124	\$ _	\$	190
Upfront and milestone-related payments (3)	1,444		36,964	2,383		38,296
Inventory reserve increase from restructuring (4)	_		202	_		2,590
Separation benefits and other restructuring (5)	2,124		28,951	4,149		75,550
Certain litigation-related and other contingencies, net (6)	10,315		19,620	10,321		17,120
Asset impairment charges (7)	88,438		22,767	253,886		471,183
Acquisition-related and integration costs (8)	_		1,034	_		1,034
Fair value of contingent consideration (9)	(5,507)		4,127	(43,008)		10,962
Gain on extinguishment of debt (10)			_	(119,828)		_
Share-based compensation	12,600		12,096	37,333		29,986
Other (income) expense, net (16)	(597)		(28,831)	4,205		(31,709)
Other adjustments	3		(10)	87		(708)
Discontinued operations, net of tax (13)	7,953		8,388	13,914		16,139
Adjusted EBITDA (non-GAAP)	\$ 307,100	\$	350,870	\$ 641,507	\$	684,521

# Reconciliation of Adjusted Income from Continuing Operations (non-GAAP)

The following table provides a reconciliation of our Loss from continuing operations (GAAP) to our Adjusted income from continuing operations (non-GAAP) for the three and six months ended June 30, 2019 and 2018 (in thousands):

	Three Months	Ended June 30,	Six Months I	Ended June 30,
	2019	2018	2019	2018
Loss from continuing operations (GAAP)	\$ (98,052)	\$ (52,479)	\$ (110,664)	\$ (550,217)
Non-GAAP adjustments:				
Amortization of intangible assets (1)	140,418	153,215	286,017	310,387
Inventory step-up and other cost savings (2)	_	124	_	190
Upfront and milestone-related payments (3)	1,444	36,964	2,383	38,296
Inventory reserve increase from restructuring (4)	_	202	_	2,590
Separation benefits and other restructuring (5)	2,124	28,951	4,149	75,550
Certain litigation-related and other contingencies, net (6)	10,315	19,620	10,321	17,120
Asset impairment charges (7)	88,438	22,767	253,886	471,183
Acquisition-related and integration costs (8)	_	1,034	_	1,034
Fair value of contingent consideration (9)	(5,507)	4,127	(43,008)	10,962
Gain on extinguishment of debt (10)		_	(119,828)	_

Other (11)	86	(28,007)	1,620	(31,261)
Tax adjustments (12)	(18,861)	(14,323)	(42,388)	(22,856)
Adjusted income from continuing operations (non-GAAP)	\$ 120,405	\$ 172,195	\$ 242,488	\$ 322,978

## Reconciliation of Other Adjusted Income Statement Data (non-GAAP)

The following tables provide detailed reconciliations of various other income statement data between the GAAP and non-GAAP amounts for the three and six months ended June 30, 2019 and 2018 (in thousands, except per share data):

							Three Mont	ths Ended Jun	e 30, 2019							
Reported (GAAP)	Total revenues, net \$ 699,727	Cost of revenues \$ 388,208	Gross margin \$ 311,519	Gross margin %	Total operating expenses \$ 271,891	Operating expense to revenue %	Operating income from continuing operations \$ 39,628	Operating margin % 5.7 %	Other non- operating expense, net \$ 134,212	(Loss) income from continuing operations before income tax \$ (94,584)	Income tax expense \$ 3,468	Effective tax rate (3.7)%	(Loss) income from continuing operations \$ (98,052)	Discontinued operations, net of tax \$ (7,953)	Net (loss) income \$ (106,005)	Diluted (loss) income per share from continuing operations (14) \$ (0.43)
comparability: Amortization of																
intangible assets (1) Upfront and	-	(140,418)	140,418		-		140,418		-	140,418	-		140,418	_	140,418	
milestone-related payments (3) Separation benefits	_	(739)	739		(705)		1,444		_	1,444	-		1,444	_	1,444	
and other restructuring (5) Certain litigation-	_	_	_		(2,124)		2,124		_	2,124	_		2,124	_	2,124	
related and other contingencies, net (6) Asset impairment	_	_	_		(10,315)		10,315		_	10,315	_		10,315	_	10,315	
charges (7) Fair value of	_	_	-		(88,438)		88,438		_	88,438	-		88,438	-	88,438	
contingent consideration (9)	_	_	_		5.507		(5,507)		_	(5,507)	_		(5,507)	_	(5,507)	
Other (11)	_	_	_		175		(175)		(261)	86	_		86	_	86	
Tax adjustments (12) Exclude discontinued operations, net of tax	l	-	_				(·· <del>···</del> )		(==,	=	18,861		(18,861)	_	(18,861)	
(13)														7,953	7,953	
After considering items (non-GAAP)	\$ 699,727	\$ 247,051	\$ 452,676	64.7 %	\$ 175,991	25.2 %	\$ 276,685	39.5 %	\$ 133,951	\$ 142,734	\$ 22,329	15.6 %	\$ 120,405	s –	\$ 120,405	\$ 0.52

							Three Monti	ns Ended Jun	ie 30, 2018							
	Total revenues, net	Cost of revenues	Gross margin	Gross margin %	Total operating expenses	Operating expense to revenue %	Operating income from continuing operations	Operating margin %	Other non- operating expense, net	(Loss) income from continuing operations before income tax	Income tax expense	Effective tax rate	(Loss) income from continuing operations	Discontinued operations, net of tax	Net (loss) income	Diluted (loss) income per share from continuing operations (14)
Items impacting comparability:	\$ 714,696	\$ 381,905	\$ 332,791	46.6 %	\$ 277,807	38.9 %	\$ 54,984	7.7 %	\$ 101,228	\$ (46,244)	\$ 6,235	(13.5)%	\$ (52,479)	\$ (8,388)	\$ (60,867)	\$ (0.23)
Amortization of intangible assets (1) Inventory step-up and	_	(153,215)	153,215		_		153,215		_	153,215	_		153,215	_	153,215	
other cost savings (2) Upfront and	_	(124)	124		_		124		_	124	_		124	-	124	
milestone-related payments (3) Inventory reserve	-	(694)	694		(36,270)		36,964		-	36,964	-		36,964	-	36,964	
increase from restructuring (4) Separation benefits	-	(202)	202		_		202		-	202	-		202	_	202	
and other restructuring (5) Certain litigation- related and other	-	(26,613)	26,613		(2,338)		28,951		_	28,951	_		28,951	_	28,951	
contingencies, net (6) Asset impairment	_	_	-		(19,620)		19,620		_	19,620	-		19,620	-	19,620	
charges (7) Acquisition-related and integration costs	-	_	_		(22,767)		22,767		_	22,767	_		22,767	_	22,767	
(8) Fair value of contingent	-	-	_		(1,034)		1,034		_	1,034	-		1,034	_	1,034	
contingent consideration (9)	_	_	_		(4,127)		4.127		_	4,127	_		4.127	_	4.127	
Other (11)	_	_	_		(4,127)		4,127		28,007	(28,007)	_		(28,007)	_	(28,007)	
Tax adjustments (12) Exclude discontinued operations, net of tax	=	Ξ	Ξ		Ξ		Ξ			(20,007)	14,323		(14,323)	=	(14,323)	
(13)														8,388	8,388	
After considering items (non-GAAP)	\$ 714,696	\$ 201,057	\$ 513,639	71.9 %	\$ 191,651	26.8 %	\$ 321,988	45.1 %	\$ 129,235	\$ 192,753	\$ 20,558	10.7 %	\$ 172,195	<u> </u>	\$ 172,195	\$ 0.76

							Six Month	s Ended June	30, 2019							
Reported (GAAP) Items impacting	Total revenues, net \$ 1,420,138	Cost of revenues \$ 780,117	Gross margin \$ 640,021	Gross margin % 45.1 %	Total operating expenses \$ 584,453	Operating expense to revenue % 41.2 %	Operating income from continuing operations \$ 55,568	Operating margin %	Other non-operating expense, net \$ 151,861	(Loss) income from continuing operations before income tax \$ (96,293)	Income tax expense \$ 14,371	Effective tax rate (14.9)%	(Loss) income from continuing operations \$ (110,664)	Discontinued operations, net of tax \$ (13,914)	Net (loss) income \$ (124,578)	Diluted (loss) income per share from continuing operations (14)
comparability: Amortization of intangible assets (1) Upfront and	_	(286,017)	286,017		_		286,017		_	286,017	_		286,017	_	286,017	
milestone-related payments (3) Separation benefits	-	(1,400)	1,400		(983)		2,383		-	2,383	-		2,383	_	2,383	
and other restructuring (5) Certain litigation- related and other	-	-	_		(4,149)		4,149		-	4,149	-		4,149	_	4,149	
contingencies, net (6) Asset impairment	· –	-	-		(10,321)		10,321		_	10,321	-		10,321	-	10,321	
charges (7) Fair value of	-	_	_		(253,886)		253,886		-	253,886	-		253,886	_	253,886	
contingent consideration (9) Gain on	-	_	-		43,008		(43,008)		-	(43,008)	-		(43,008)	-	(43,008)	
extinguishment of debt (10)	_		_		_		_		119.828	(119,828)	_		(119,828)	_	(119,828)	
Other (11)	_	_	_		175		(175)		(1,795)	1,620	_		1.620	_	1.620	
Tax adjustments (12) Exclude discontinued operations, net of tax	_	_	_		_		-		(1,755)	-	42,388		(42,388)	Ξ	(42,388)	
(13)	_	_	_		_		_		_	_	_		_	13,914	13,914	
After considering items (non-GAAP)	\$ 1,420,138	\$ 492,700	\$ 927,438	65.3 %	\$ 358,297	25.2 %	\$ 569,141	40.1 %	\$ 269,894	\$ 299,247	\$ 56,759	19.0 %	\$ 242,488	\$ <u> </u>	\$ 242,488	\$ 1.04

	Six Months Ended June 30, 2018															
	Total revenues, net	Cost of revenues	Gross margin	Gross margin %	Total operating expenses	Operating expense to revenue %	Operating (loss) income from continuing operations	Operating margin %	Other non- operating expense, net	(Loss) income from continuing operations before income tax	Income tax expense	Effective tax rate	(Loss) income from continuing operations	Discontinued operations, net of tax	Net (loss)	Diluted (loss) income per share from continuing operations (14)
Reported (GAAP) Items impacting comparability: Amortization of	\$ 1,415,223	\$ 785,503	\$ 629,720	44.5 %	\$ 935,871	66.1 %	\$ (306,151)	(21.6)%	\$ 222,340	\$ (528,491)	\$ 21,726	(4.1)%	\$ (550,217)	\$ (16,139)	\$ (566,356)	\$ (2.46)
intangible assets (1) Inventory step-up and other cost savings (2)		(310,387) (190)	310,387 190		_		310,387		_	310,387 190	_		310,387 190	_	310,387 190	

Upfront and								1 1								
milestone-related payments (3)	_	(1,350)	1.350		(36,946)		38.296		_	38,296	_		38,296	_	38,296	
Inventory reserve		(1,000)	1,000		(00,040)		00,200			00,200			00,200		00,200	
increase from																
restructuring (4)	_	(2,590)	2,590		_		2,590		_	2,590	_		2,590	_	2,590	
Separation benefits and other																
restructuring (5)	_	(53,831)	53,831		(21,719)		75,550		_	75,550	_		75,550	_	75,550	
Certain litigation-		(==,==-)	,		(=-,,-					,			,		,	
related and other																
contingencies, net (6)	_	_	_		(17,120)		17,120		_	17,120	_		17,120	_	17,120	
Asset impairment charges (7)	_		_		(471,183)		471,183		_	471,183	_		471,183	_	471,183	
Acquisition-related	_	_	_		(471,183)		4/1,183		_	4/1,183	_		471,183	_	471,183	
and integration costs																
(8)	_	_	_		(1,034)		1,034		_	1,034	_		1,034	_	1,034	
Fair value of																
contingent consideration (9)	_		_		(10,962)		10,962		_	10,962	_		10,962	_	10,962	
Other (11)	_	_	_		630		(630)		30,631	(31,261)	_		(31,261)	_	(31,261)	
Tax adjustments (12)	_	_	_		_		(		_	(,,	22,856		(22,856)	_	(22,856)	
Exclude discontinued																
operations, net of tax														40 400	40.400	
(13) After considering items														16,139	16,139	
(non-GAAP)	\$ 1,415,223	\$ 417,155	\$ 998,068	70.5 %	\$ 377,537	26.7 %	\$ 620,531	43.8 %	\$ 252,971	\$ 367,560	\$ 44,582	12.1 %	\$ 322,978	s –	\$ 322,978	\$ 1.43

#### Notes to the Reconciliations of GAAP and Non-GAAP Financial Measures

Notes to certain line items included in the reconciliations of the GAAP financial measures to the Non-GAAP financial measures for the three and six months ended June 30, 2019 and 2018 are as follows:

(1) Adjustments for amortization of commercial intangible assets included the following (in thousands):

	Three Months	Ended June 30,	Six Months E	nded June 30,
	2019	2018	2019	2018
Amortization of intangible assets excluding fair value step-up from contingent consideration Amortization of intangible assets related to fair value	\$ 134,473	\$ 146,906	\$ 271,338	\$ 296,766
step-up from contingent consideration	5,945	6,309	14,679	13,621
Total	\$ 140,418	\$ 153,215	\$ 286,017	\$ 310,387

		Three Months Ended June 30,										
		2019		2018								
	Cost	of revenues		perating penses	Cost	f revenues	Operating expenses					
Sales-based	\$	739	\$		\$	694	\$					
Development-based				705				36,270				
Total	\$	739	\$	705	\$	694	\$	36,270				

		Six Months Ended June 30,										
	2019					2018						
	Cost of revenues			perating	Cost	of revenues		Operating expenses				
Sales-based	\$	1,400	\$	_	\$	1,350	\$					
Development-based				983				36,946				
Total	\$	1,400	\$	983	\$	1,350	\$	36,946				

- (4) To exclude charges reflecting adjustments to excess inventory reserves related to our various restructuring initiatives.
   (5) Adjustments for separation benefits and other restructuring included the following (in thousands):

	Three Months Ended June 30,										
	2019										
	Cost of	st of revenues		perating openses	Cost	of revenues		perating			
Separation benefits	\$	_	\$	410	\$	3,983	\$	1,440			
Accelerated depreciation and product discontinuation											
charges		_		_		18,045		_			
Other		_		1,714		4,585		898			
Total	\$		\$	2,124	\$	26,613	\$	2,338			

	Six Months Ended June 30,										
	2019					2018	3				
	Cost of	revenues		perating xpenses	Cost	of revenues	Operating expense:				
Separation benefits Accelerated depreciation and product discontinuation	\$	-	\$	2,212	\$	13,768	\$	16,836			
charges		_		_		35,177		_			
Other				1,937		4,886		4,883			
Total	\$		\$	4,149	\$	53,831	\$	21,719			

- (6) To exclude litigation-related settlement charges and certain settlements proceeds related to suits filed by our subsidiaries.
   (7) Adjustments for asset impairment charges included the following (in thousands):

	Th	ree Months	s Ende	ed June 30,	Six Months Ended June 30			
		2019		2018		2019		2018
Goodwill impairment charges	\$	65,108	\$	_	\$	151,108	\$	391,000
Other intangible asset impairment charges		21,699		22,767		100,399		76,967
Property, plant and equipment impairment charges		1,631	_			2,379		3,216
Total asset impairment charges	\$	88,438	\$	22,767	\$	253,886	\$	471,183

- (8) Adjustments for acquisition and integration items primarily relate to various acquisitions.
  (9) To exclude the impact of changes in the fair value of contingent consideration liabilities resulting from changes to our estimates regarding the timing and amount of the future revenues of the underlying products and changes in other assumptions impacting the probability of, and extent to which we will incur related contingent collegations.
  (10) To exclude the gain on the extinguishment of debt associated with our March 2019 refinancing.
  (11) Other adjustments included the following (in thousands):

	 Three Months Ended June 30,								
	20		20			018			
	perating xpenses	Other non- operating expenses		Operating expenses			Other non- operating expenses		
Foreign currency impact related to the re-measurement of intercompany debt instruments (Gain) loss on sale of business and other assets Other miscellaneous Total	\$ — (175) (175)	\$	2,262 (2,001) — 261	\$	=	\$	(574) (23,837) (3,596) (28,007)		

	Six Months Ended June 30,							
		2019			2			
	Operating expenses		Other non- operating expenses		Operating expenses			Other non- operating expenses
Foreign currency impact related to the re-measurement								
of intercompany debt instruments	\$	_	\$	3,796	\$	_	\$	(3,088)
(Gain) loss on sale of business and other assets		_		(2,001)		_		(23,837)
Other miscellaneous		(175)		_		(630)		(3,706)
Total	\$	(175)	\$	1,795	\$	(630)	\$	(30,631)

- (12) Adjusted income taxes are calculated by tax effecting adjusted pre-tax income and permanent book-tax differences at the applicable effective tax rate that will be determined by reference to statutory tax rates in the relevant jurisdictions in which the Company operates. Adjusted income taxes include current and deferred income tax expense commensurate with the non-GAP measure of profitability.

  (13) To exclude the results of the businesses reported as discontinuous operations, not of tax.

  (14) Calculated as Net (loss) income from continuing operations divided by the applicable weighted average share numbers are as follows (in thousands):

	Three Months	Ended June 30,	Six Months Ended June 30,					
	2019	2018	2019	2018				
GAAP	226,221	223,834	225,408	223,677				
Non-GAAP Adjusted	232,713	227,273	232,174	226,114				

- (15) Depreciation and amortization per the Adjusted EBITDA reconciliations do not include certain depreciation amounts reflected in other lines of the reconciliations, including Acquisition-related and integration costs and Separation benefits and other restructuring.

  (16) To exclude Other (income) expense, net per the Condensed Consolidated Statements of Operations.

The following table provides a reconciliation of our Net loss (GAAP) to our Adjusted EBITDA (non-GAAP) for the twelve months ended June 30, 2019 (in thousands) and the calculation of our Net Debt Leverage Ratio (non-GAAP):

		nded June 30, 2019
Net loss (GAAP)	s	(589,691)
Income tax expense		15,580
Interest expense, net		535,091
Depreciation and amortization (15)		664,849
EBITDA (non-GAAP)	\$	625,829
Inventory step-up and other cost savings	\$	71
Upfront and milestone-related payments		9,195
Inventory reserve increase from restructuring		357
Separation benefits and other restructuring		11,947
Certain litigation-related and other contingencies, net		7,010
Asset impairment charges		699,642
Acquisition-related and integration costs		970
Fair value of contingent consideration		(34,060)
Gain on extinguishment of debt		(119,828)
Share-based compensation		61,418
Other income, net		(16,039)
Other adjustments		58
Discontinued operations, net of tax		67,477
Adjusted EBITDA (non-GAAP)	\$	1,314,047
Calculation of Net Debt:		
Debt	s	8.404.122
Cash (excluding Restricted Cash)		1,446,949
Net Debt (non-GAAP)	\$	6,957,173
Calculation of Net Debt Leverage:		
Net Debt Leverage Ratio (non-GAAP)	_	5.3

#### Non-GAAP Financial Measures

The Company utilizes certain financial measures that are not prescribed by or prepared in accordance with accounting principles generally accepted in the U.S. (GAAP). These Non-GAAP financial measures are not, and should not be viewed as, substitutes for GAAP net income and its components and diluted earnings per share amounts. Despite the importance of these measures to management in goal setting and performance measurement, we stress that these are Non-GAAP financial measures that have no standardized meaning prescribed by GAAP and, therefore, have limits in their usefulness to investors. Because of the non-standardized definitions, Non-GAAP adjusted Efficiency and substance in components (unlike GAAP net income from continuing operations and its components) may not be comparable to the calculation of similar measures of other companies. These Non-GAAP financial measures are presented solely to permit investors to more fully understand how management assesses performance.

Investors are encouraged to review the reconciliations of the non-GAAP financial measures used in this press release to their most directly comparable GAAP financial measures. However, the Company does not provide reconciliations of projected non-GAAP financial measures to GAAP financial measures to result projected non-GAAP financial measures for such provide comparable of projected GAAP financial measures for such provide or such projected non-GAAP financial measures. The Company is unable to provide comparable of provide or such projected non-GAAP financial measures for such provides for

See Endo's Current Report on Form 8-K furnished today to the U.S. Securities and Exchange Commission for an explanation of Endo's non-GAAP financial measures

### About Endo International plc

Endo International pic (INSEDAC: ENDP) is a highly focused generics and specially branded pharmaceutical company delivering quality medicines to patients in need through excellence in development, manufacturing and commercialization. Endo has global headquarters in Dublin, Ireland, and U.S. and U.S.

## Cautionary Note Regarding Forward-Looking Statements

This press release contains forward-looking statements, including but not limited to the statements by Mr. Campanelli, as well as other statements regarding product development, market potential, corporate strategy, optimization efforts and restructurings, timing, closing and expected benefits and value from any acquisition, expected growth and regulatory approvals, together with Endo's expected, estimated or anticipated future results. Because forecasts are inherently estimates that cannot be made with precision. Endo's expected, estimated or anticipated future results. Because forecasts are inherently estimates that cannot be made with precision. Endo's expected, estimated or anticipated future results. Because forecasts are inherently estimates that cannot be made with precision. Endo's expected, estimated or anticipated future results. Because forecasts are inherently estimated by the estimates and targets, and Endo often does not know what the actual results will be until after the end of the applicable reporting period. Therefore, Endo will not report or comment on its progress during a current quarter except through public announcement. Any statement made by others with respect to progress during a current quarter cannot be attributed to Endo.

All forward-looking statements in this press release reliefled Endro's current analysis of existing trends and information and represent Endro's judgment only as of the date of this press release. Actual results may differ materially from current expectations based on a number of factors affecting Endo's businesses, including, among other things, the following: changing competitive, market and regulatory conditions; the following: changing competitive, market and regulatory decisions, product recalls, withdrawals and other unusual litems; domestic and foreign health care and cost containment reforms, including general property rights; the timing and uncertainty of the results of both the research and development and regulatory decisions, product recalls, withdrawals and other unusual litems; domestic and the results of containment reforms, including general property rights; the timing and uncertainty of the results of both the research and development and regulatory decisions, product recalls, withdrawals and other unusual litems; domestic and properties; the performance, including the performance, including the processing and other promotional carmagings; the timely and successful inferentiation of strategic initiatives; the timing or results of any pending or future litigation, investigations or claims or actual or contingent liabilities, settlement discussions, negotiations or other adverse proceedings; unlavorable publicly regarding the misuse of opioids; timing and uncertainty of any acquisition, including the possibility that various designs conditions may not be satisfied or valved; uncertainty surrounding the successful integration of any accussition of any accussition of any accussitions; the uncertainty associated with the identification of and successful or and association of any

Additional information concerning the above-referenced risk factors and other risk factors can be found in press releases issued by Endo, as well as Endo's public periodic fillings with the U.S. Securities and Exchange Commission and with securities regulators in Canada, including the discussion under the heading 'Risk Factors' in Endo's most recent Annual Report on Form 10-K and any subsequent Quarterly Reports on Form 10-Q. Copies of Endo's press releases and additional information about Endo are available at <a href="www.endo.com">www.endo.com</a> or you can contact the Endo Investor Relations Department by calling 845-364-4833.

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