

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

<b>1. Name and Address of Reporting Person*</b> <u>MIDDLETON FRED A</u>  (Last) (First) (Middle) <u>400 SOUTH EL CAMINO REAL STE 1200</u>  (Street) <u>SAN MATEO CA 94402-1708</u>  (City) (State) (Zip)	<b>2. Issuer Name and Ticker or Trading Symbol</b> <u>ENDOCYTE INC [ ECYT ]</u>	<b>5. Relationship of Reporting Person(s) to Issuer</b> (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	<b>3. Date of Earliest Transaction (Month/Day/Year)</b> <u>02/28/2018</u>	
<b>4. If Amendment, Date of Original Filed (Month/Day/Year)</b>		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock								194,049	D	
Common Stock								1,017,304	I	By Sanderling Venture Partners V, L.P. <sup>(1)(2)</sup>
Common Stock	02/28/2018		A		380,952 <sup>(4)</sup>	A	\$4.2	1,212,413	I	By Sanderling Venture Partners VI Co-Investment Fund, L.P. <sup>(1)(2)</sup>
Common Stock								267,491	I	By Sanderling Venture Partners V Co-Investment Fund, L.P. <sup>(1)(3)</sup>
Common Stock								249,148	I	By Sanderling V Biomedical, L.P. <sup>(1)(2)</sup>
Common Stock								162,170	I	By Sanderling V Biomedical Co-Investment Fund, L.P. <sup>(1)(2)</sup>
Common Stock								113,315	I	By Sanderling V Limited Partnership <sup>(1)(2)</sup>
Common Stock								100,828	I	By Sanderling V Beteiligungs GmbH & Co. KG <sup>(1)(2)</sup>
Common Stock								10,049	I	By Sanderling VI Limited Partnership <sup>(1)(2)</sup>

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock								8,434	I	By Sanderling VI Beteiligungs GmbH & Co. KG <sup>(1)(2)</sup>
Common Stock	02/28/2018		A		119,048 <sup>(4)</sup>	A	\$4.2	904,465	I	By Sanderling V Strategic Exit Fund, L.P. <sup>(1)(2)</sup>

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

**Explanation of Responses:**

- Mr. Middleton disclaims beneficial ownership of the shares directly held by the entities affiliated with Sanderling except to the extent of his individual pecuniary interest therein.
- Fred Middleton is a managing director of Middleton, McNeil & Mills Associates V, LLC which has the ultimate voting and investment power over shares held of record by Sanderling V Beteiligungs GmbH & Co. KG, Sanderling V Biomedical Co-Investment Fund, L.P., Sanderling V Biomedical, L.P., Sanderling V Limited Partnership, Sanderling Venture Partners V, L.P., Sanderling Venture Partners VI Co-Investment Fund, L.P., Sanderling VI Beteiligungs GmbH and Co. KG, Sanderling VI Limited Partnership and Sanderling V Strategic Exit Fund, L.P. and he may be deemed to have voting and investment power over shares held of record by Sanderling V Beteiligungs GmbH & Co. KG, Sanderling V Biomedical Co-Investment Fund, L.P., Sanderling V Biomedical, L.P., Sanderling V Limited Partnership, Sanderling Venture Partners V, L.P., Sanderling Venture Partners VI Co-Investment Fund, L.P., Sanderling VI Beteiligungs GmbH and Co. KG, Sanderling V Strategic Exit Fund, L.P. and Sanderling VI Limited Partnership.
- Fred Middleton is a managing director of Middleton, McNeil & Mills Associate V, LLC which has the ultimate voting and investment power over shares held of record by Sanderling Venture Partners V Co-Investment Fund, L.P. and he may be deemed to have voting and investment power over shares held of record by Sanderling Venture Partners V Co-Investment Fund, L.P.
- Represents shares purchased in conjunction with the Issuer's public offering on February 28, 2018.

[/s/Michael A. Sherman,](#)  
[Attorney-in-fact for Fred A.](#)  
[Middleton \(power of attorney 03/01/2018  
previously filed\)](#)

\*\* Signature of Reporting Person      Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.**