

OMB APPROVAL	
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**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

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

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person* <u>MIDDLETON FRED A</u>  (Last) (First) (Middle) <u>C/O CALCIMEDICA, INC.</u> <u>505 COAST BLVD. S. #307</u>  (Street) <u>LA JOLLA CA 92037</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>CalciMedica, Inc. [ CALC ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>11/01/2024</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

**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	11/01/2024		P		20,000	A	\$3.75	31,714	D	
Common Stock	11/01/2024		P		86,867	A	\$3.75	814,300	I	By Sanderling Venture Partners VI Co-Investment Fund, L.P. <sup>(1)</sup>
Common Stock	11/01/2024		P		877	A	\$3.75	22,479	I	By Sanderling Ventures Management VI <sup>(2)</sup>
Common Stock								946,744	I	By Sanderling Venture Partners VI, LP <sup>(2)</sup>
Common Stock								7,456	I	By Sanderling VI Beteteiligungs GmbH & Co KG <sup>(2)</sup>
Common Stock								8,884	I	By Sanderling VI Limited Partnership <sup>(2)</sup>
Common Stock								435,148	I	By Sanderling Ventures VII, L.P. <sup>(3)</sup>
Common Stock								114,260	I	By Sanderling Ventures VII (Canada), L.P. <sup>(4)</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								27,609	I	By Sanderling Ventures VII Annex Fund, L.P. <sup>(4)</sup>
Common Stock								30,292	I	By Sanderling Ventures Management VII <sup>(4)</sup>
Common Stock								8,176	I	By Golden Triangle Ventures, LLC <sup>(5)</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:**

- The Reporting Person, a director of Sanderling Ventures, may be deemed to beneficially own the securities of the Issuer held by Sanderling Venture Partners VI Co-Investment Fund, LP ("SVP VI Co-Investment, LP", together with Sanderling Venture Partners VI, L.P., Sanderling VI Beteiligungs GmbH & Co. KG, Sanderling Ventures Management VI and Sanderling VI Limited Partnership (the "Sanderling VI Securities"). The Reporting Person disclaims beneficial ownership of the securities except to the extent of his pecuniary interest therein.
- The Reporting Person, a director of Sanderling Ventures, may be deemed to beneficially own the Sanderling VI Securities. The Reporting Person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein.
- The Reporting Person, a director of Sanderling Ventures, may be deemed to beneficially own the securities of the Issuer held by Sanderling Ventures VII, LP ("SVP VII, LP", together with Sanderling Ventures Management VII, Sanderling Ventures VII (Canada), L.P. and Sanderling Ventures VII Annex Fund, L.P., the "Sanderling VII Securities"). The Reporting Person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein.
- The Reporting Person, a director of Sanderling Ventures, may be deemed to beneficially own the Sanderling VII Securities. The Reporting Person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein.
- The Reporting Person is a managing member of Golden Triangle Ventures LLC and may be deemed to beneficially own the securities of the Issuer held by Golden Triangle Ventures LLC. The Reporting Person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein.

/s/ Fred A. Middleton

11/05/2024

\*\* 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.