FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL         |           |  |  |  |  |  |  |  |  |
|----------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:          | 3235-0287 |  |  |  |  |  |  |  |  |
| Estimated average to | ourden    |  |  |  |  |  |  |  |  |
| haura nor roonanaa   | 0.5       |  |  |  |  |  |  |  |  |

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

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

| 1. Name and Address of Reporting Person*  GEIGER JESSE J  (Last) (First) (Middle)  C/O MEDPACE HOLDINGS, INC.  5375 MEDPACE WAY |   |  |   |          |   | Issuer Name and Ticker or Trading Symbol Medpace Holdings, Inc. [ MEDP ]      Date of Earliest Transaction (Month/Day/Year) 12/06/2024 |   |        |  |       |                       |  |                                       |   | Relationship of Reporting Person(s) to Issuer (Check all applicable)     Director 10% Owner     Officer (give title Other (speci |   |                                       |   |  |
|---|---|--|---|----------|---|--|---|--------|--|-------|-----------------------|--|---------------------------------------|---|--|---|---------------------------------------|---|--|
|   |   |  |   |          |   |  |   |        |  |       |                       |  |                                       |   | Officer (give title Other (specify below)  President   |   |                                       |   |  |
| (Street) CINCINNATI OH 45227  (City) (State) (Zip)  |   |  |   |          |   | 4. If Amendment, Date of Original Filed (Month/Day/Year)  ative Securities Acquired, Disposed of, or Benefic                           |   |        |  |       |                       |  |                                       | 6. Individual or Joint/Group Filing (Check Applicable Line)  Form filed by One Reporting Person  Form filed by More than One Reporting Person  Person |  |   |                                       |   |  |
| 1 Title of 9  | Security (Inst  |  | ole I - Nor   | 2. Trans |   | _  | 2A. De  |        | quirea<br>3.   | , DIS | 1                     | ties Acqui   |                                       |   | 5. Amou  |   | 6. Owners                             | hin   | 7. Nature  |
| Date  |   |  |   | Date     |   |  | Execution Date,<br>if any<br>(Month/Day/Year) |        | Transaction Disposed Code (Instr. 5)                           |       | d Of (D) (Instr. 3, 4 |  | 4 and Securitien Benefici             |   | es<br>ally<br>Following  | Form: Dir<br>(D) or Ind<br>(I) (Instr. 4  | ect<br>rect                           | of Indirect<br>Beneficial<br>Ownership<br>Instr. 4) |  |
|   |   |  |   |          |   |  |   |        | Code   | v     | Amount                | Amount (A) o   |                                       | .   | Transaction(s)<br>(Instr. 3 and 4)   |   |                                       |   |  |
| Common Stock 12/06/   |   |  |   |          | 6/202                                   | 2024   |   | M      |  | 15,00 | 15,000 A \$           |  | 2.05                                  | 5 36,503  |  | D   |                                       |   |  |
|   |   | -  | Fable II - I  |          |   |  |   |        |  |       | osed of,<br>convertil |  |                                       |   | wned   |   |                                       |   |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)   | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |          | 4.<br>Transaction<br>Code (Instr.<br>8) |  |   |        | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |       |                       | 7. Title and Amo<br>of Securities<br>Underlying<br>Derivative Secu<br>(Instr. 3 and 4) |                                       | De<br>Se  | Price of erivative ecurity estr. 5)  | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | Own<br>For<br>Dire<br>or li<br>(I) (I | nership<br>n:<br>ect (D)<br>ndirect<br>nstr. 4)     | 11. Nature<br>of Indirect<br>Beneficial<br>Ownershij<br>(Instr. 4) |
|   |   |  |   |          | Code                                    | v  | (A)   | (D)    | Date<br>Exercisa   |       | Expiration<br>Date    | Title  | Amour<br>or<br>Number<br>of<br>Shares | er  |  |   |                                       |   |  |
| Employee<br>Stock<br>Option<br>(Right to  | \$32.05   | 12/06/2024                                 |   |          | M                                       |  |   | 15,000 | (1)  |       | 02/28/2025            | Common<br>Stock  | 15,00                                 | 00  | \$0  | 0   |                                       | D   |  |

## Explanation of Responses:

1. The option vested on February 28, 2022.

Remarks:

/s/ Stephen P. Ewald, Attorneyin-Fact for Jesse J. Geiger 12/10/2024

\*\* 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.