FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | $D \subset$ | 20549 | |
|--------------|-------------|-------|--|
| vasilligion, | D.C. | 20349 | |

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL 3235-0287 Estimated average burden hours per response: 0.5

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

| Name and Address of Reporting Person* Medpace Investors, LLC | | | | | 2. Issuer Name and Ticker or Trading Symbol Medpace Holdings, Inc. [MEDP] | | | | | | | | | | all app | tor | X | (10% O | wner | |
|--|---|--|--|--|---|---|---|--|------------|--|------------------------|---|---|---|--|---|--------------------------------------|--|--|--|
| | | LDINGS, INC. | Middle | e) | | 3. Date of Earliest Transaction (Month/Day/Year) 07/20/2021 | | | | | | | | | Office below | er (give title v) | | Other (below) | specify | |
| 5375 ME | EDPACE WAY | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | |
| (Street) | NATI OI | H 4 | 5227 | 7 | | | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporti Person | | | | | | |
| (City) | (St | ate) (Z | Zip) | | | | | | | | | | | | | | | | | |
| | | Table | I - N | lon-Deriva | tive : | Secui | rities | Ac | quir | red, Di | sposed o | f, or E | Benefic | ially | Own | ed | | | | |
| Date | | | 2. Transaction Date (Month/Day/Y | Execution (Year) | | emed on Date, (Day/Year) | | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 at | | | nd 5) Secu Bene Own | | cially I Following | Form (D) | m: Direct or Indirect nstr. 4) | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | | | | Code V | | Amount | (A) or (D) | Price | | Reported Transaction(s) (Instr. 3 and 4) | | | | (Instr. 4) | |
| Common Stock 07/2 | | | 07/20/202 | 1 | | | S ⁽¹⁾ | | 10,176(1) | D | \$183.0 | <mark>)6⁽²⁾</mark> | 6,127,343 | | | D | | | | |
| Common Stock 07/2: | | | 07/21/202 | 21 | | | S ⁽¹⁾ | | 9,206(1) | D | \$182.4 | 42 ⁽³⁾ | 6,118,137 | | D | | | | | |
| | | Tal | ble I | I - Derivati (e.g., pເ | | | | | | | posed of, convertib | | | | Owne | d | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | Exed if an | Deemed cution Date, y nth/Day/Year) | 4. Transa Code 8) | | 5. Nu of Deriv Secu Acqu (A) o Dispo of (D) (Instr and 5 | vative rities iired r osed) r. 3, 4 | Exp (Mo | Date Exe piration onth/Day | | 7. Titl Amou Secur Under Derive Secur 3 and | int of rities rlying ative rity (Instr. 4) | Der Sec (Ins | Price of rivative curity str. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | y [| 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | Code | v | (A) | (D) | Da: Exc | ite ercisable | Expiration Date | Title | Amount or Number of Shares | | | | | | | |

Explanation of Responses:

- 1. The sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on March 12, 2021.
- 2. The reported price is a weighted average price. These shares were sold in multiple transactions ranging from \$180.00 to \$184.45. The Reporting Person undertakes to provide full pricing information to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission upon request.
- 3. The reported price is a weighted average price. These shares were sold in multiple transactions ranging from \$181.325 to \$184.27. The Reporting Person undertakes to provide full pricing information to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission upon request.

/s/ Stephen P. Ewald, Authorized Signatory for Medpace Investors, LLC

07/22/2021

** 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.