

Gabelli Healthcare & WellnessRx Trust
 Form 4
 July 21, 2010

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549**

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 OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
GABELLI MARIO J

2. Issuer Name and Ticker or Trading Symbol
Gabelli Healthcare & WellnessRx Trust [GRX]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
07/19/2010

Director 10% Owner
 Officer (give title below) Other (specify below)
 Portfolio Manager

**C/O GAMCO INVESTORS,
 INC, ONE CORPORATE CENTER**
 (Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

RYE, NY 10580

(City) (State) (Zip)

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) | | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|-----------|---|--------------------------------|
| | | | | (A) or (D) | Price | | | | | |
| Common Shares | 07/19/2010 | | P | V | 1,350 | A | \$ 6.2752 | 53,748.16 | D | |
| Common Shares | | | | | | | | 70,081.66 | I | GGCP, Inc. (1) |
| Common Shares | | | | | | | | 3,867 | I | MJG IV Limited Partnership (2) |
| Common Shares | | | | | | | | 1,500 | I | GPJ Retirement |

Partners,
LLC ⁽³⁾

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

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(9-02)

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 Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------------------|
| | Director | 10% Owner | Officer | Other |
| GABELLI MARIO J C/O GAMCO INVESTORS, INC ONE CORPORATE CENTER RYE, NY 10580 | X | | | Portfolio Manager |

Signatures

Douglas R. Jamieson as Attorney-in-Fact for Mario J. Gabelli. 07/21/2010

__Signature of Reporting Person

Date

Explanation of Responses:

* 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).

The shares reported reflect the total shares owned by GGCP, Inc. (GGCP). Mario J. Gabelli is the Chief Executive Officer, a director, and

(1) the controlling shareholder of GGCP. Mr. Gabelli has less than a 100% interest in GGCP. Mr. Gabelli disclaims beneficial ownership of the shares held by GGCP which are in excess of his indirect pecuniary interest.

(2)

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The shares reported reflect the total shares owned by MJG IV Limited Partnership, a limited partnership for which Mr. Gabelli serves as a general partner. Mr. Gabelli has less than a 100% interest in the entity and disclaims beneficial ownership of the shares held by this entity which are in excess of his indirect pecuniary interest.

- (3) The shares reported reflect the total shares owned by GPJ Retirement Partners, LLC, a limited liability company. Mr. Gabelli has less than a 100% interest in the entity and disclaims beneficial ownership of the shares held by this entity which are in excess of his indirect pecuniary interest.

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

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.