

MATRIA HEALTHCARE INC

Form 424B3

September 24, 2004

Filed Pursuant to Rule 424(b)(3) and 424(c)  
Registration No. 333-116200

Prospectus Supplement No. 1  
To Prospectus Dated September 9, 2004

\$86,250,000

MATRIA HEALTHCARE, INC.

4.875% Convertible Senior Subordinated Notes Due  
2024 and the Shares of Common Stock Issuable Upon  
Conversion or Redemption of the Notes

This prospectus supplement amends the information contained in the prospectus dated September 9, 2004 of Matria Healthcare, Inc. (the Prospectus ) covering the resale by certain selling securityholders of our 4.875% convertible senior subordinated notes due 2024 and shares of our common stock issuable upon conversion or redemption of the notes. This prospectus supplement is not complete without, and may not be delivered or utilized except in connection with, the Prospectus, including any amendments or supplements thereto. The terms of the notes are set forth in the Prospectus.

**Investing in the notes and shares of common stock involves risk. See Risk Factors beginning on page 8 of the Prospectus.**

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.**

This prospectus supplement is dated September 24, 2004

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This prospectus supplement amends the table appearing under the caption "Selling Securityholders" on pages 65 and 66 of the Prospectus to update the positions of previously disclosed selling securityholders based on completed investor questionnaires submitted to Matria Healthcare, Inc. on or before September 23, 2004.

| Name  | Principal<br>Amount<br>of Notes<br>Beneficially<br>Owned<br><br>and<br>Offered | Percentage<br>of Notes<br>Outstanding | Shares of<br>Common<br>Stock<br>Beneficially<br>Owned<br>Before<br>Offering(1) | Conversion<br>Shares of<br>Common Stock<br>Offered | Number<br>of<br>Shares(2) | Percentage |
|---|--|---------------------------------------|--|--|---------------------------|------------|
| Alexandra Global Master Fund Ltd.   | 4,000,000  | 4.64%                                 |  | 135,661.20   |                           |            |
| Allstate Insurance Company  | 1,500,000  | 1.74%                                 |  | 50,872.95  |                           |            |
| Argent Classic Convertible Arbitrage Fund (Bermuda) Ltd.                            | 7,540,000  | 8.74%                                 |  | 255,721.36   |                           |            |
| Argent Classic Convertible Arbitrage Fund, L.P.                                     | 910,000  | 1.06%                                 |  | 30,862.92  |                           |            |
| Argent Classic Convertible Arbitrage Fund II, L.P.                                  | 210,000  | 0.24%                                 |  | 7,122.21   |                           |            |
| Argent LowLev Convertible Arbitrage Fund, LLC                                       | 450,000  | 0.52%                                 |  | 15,261.89  |                           |            |
| Argent LowLev Convertible Arbitrage Fund II, LLC                                    | 70,000   | 0.08%                                 |  | 135,661.20   |                           |            |
| Argent LowLev Convertible Arbitrage Fund Ltd.                                       | 4,080,000  | 4.64%                                 |  | 2,374.07   |                           |            |
| Bank of America Securities LLC  | 1,000,000  | 1.16%                                 |  | 33,715.30  |                           |            |
| Barclays Global Investors Diversified Alpha Plus Funds                              | 280,000  | 0.32%                                 |  | 9,496.28   |                           |            |
| Basso Multi-Strategy Holding Fund Ltd.  | 500,000  | 0.58%                                 |  | 16,957.65  |                           |            |
| BNP Paribas Equity Strategies, SNC  | 1,358,000  | 1.57%                                 | 158  | 46,056.98  | 158                       | *          |
| BP Amoco PLC Master Trust   | 736,000  | 0.85%                                 |  | 24,961.66  |                           |            |
| Class C Trading Company, Ltd.   | 130,000  | 0.15%                                 |  | 4,408.99   |                           |            |
| CNH CA Master Account, L.P.   | 1,250,000  | 1.45%                                 |  | 42,394.13  |                           |            |
| The Consulting Group Capital Markets Fund-Multi-Strategy Market Neutral Investments | 202,000  | 0.23%                                 |  | 6,850.89   |                           |            |
| CooperNeff Convertible Strategies (Cayman) Master Fund, LP                          | 1,461,000  | 1.69%                                 |  | 49,550.25  |                           |            |
| CQS Convertible and Quantitative Strategies Master Fund Limited                     | 5,600,000  | 6.49%                                 |  | 189,925.68   |                           |            |
| Credit Suisse/First Boston Europe Ltd.  | 40,000   | 0.05%                                 |  | 1,356.61   |                           |            |
| Custom Investments PCC, Ltd.  | 50,000   | 0.06%                                 |  | 1,695.77   |                           |            |

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|   |           |       |            |
|---|-----------|-------|------------|
| DKR Soundshore Opportunity Holding Fund Ltd.        | 500,000   | 0.58% | 16,957.65  |
| Deephaven Domestic Convertible Trading Ltd.         | 479,000   | 0.56% | 16,245.43  |
| Forest Fulcrum Fund LP                              | 399,000   | 0.46% | 13,532.20  |
| Forest Global Convertible Fund, Ltd., Class A-5     | 1,444,000 | 1.67% | 48,973.69  |
| Forest Multi-Strategy Fund, SPC                     | 903,000   | 1.05% | 30,625.52  |
| FrontPoint Convertible Arbitrage Fund, L.P.         | 2,000,000 | 2.32% | 67,830.60  |
| Geode U.S. Convertible Arbitrage Fund               | 2,500,000 | 2.90% | 84,788.25  |
| Grace Convertible Arbitrage Fund, LTD.              | 4,000,000 | 4.64% | 135,661.20 |
| HFR CA Global Opportunity Master Trust              | 230,000   | 0.27% | 7,800.52   |
| HFR CA Global Select Master Trust Account           | 150,000   | 0.17% | 5,087.30   |
| HFR RVA Select Performance Master Trust             | 152,000   | 0.18% | 5,155.13   |
| Highbridge International LLC                        | 1,000,000 | 1.16% | 33,915.30  |
| Hotel Union & Hotel Industry of Hawaii Pension Plan | 195,000   | 0.23% | 6,613.48   |
| Institutional Benchmarks Master Fund Ltd.           | 833,000   | 0.97% | 28,251.44  |
| KBC Financial Products USA Inc. LLT Limited         | 1,000,000 | 1.16% | 33,915.30  |
| LLT Limited   | 159,000   | 0.18% | 5,392.53   |
| Lyxor/Convertible Arbitrage Fund Limited            | 270,000   | 0.31% | 9,157.13   |
| Lyxor /Forest Fund Limited                          | 761,000   | 0.88% | 25,809.54  |
| Lyxor Master Fund                                   | 300,000   | 0.35% | 10,174.59  |
| Mohican VCA Master Fund                             | 1,500,000 | 1.74% | 50,872.95  |
| National Bank of Canada                             | 250,000   | 0.29% | 8,478.83   |
| Newport Alternative Income Fund                     | 65,000    | 0.08% | 2,204.49   |
| Partners Group Alternative Strategies PPC LTD       | 300,000   | 0.35% | 10,174.59  |
| Ritchie Convertible Arbitrage Trading               | 1,000,000 | 1.16% | 33,915.30  |
| S.A.C. Capital Associates, LLC                      | 4,000,000 | 4.64% | 135,661.20 |
| SSI Blended Market Neutral L.P.                     | 392,000   | 0.45% | 13,294.80  |
| SSI Hedged Convertible Market Neutral, L.P.         | 502,000   | 0.58% | 17,025.48  |
| St. Thomas Trading, Ltd.                            | 457,000   | 0.53% | 15,499.29  |
| Silver Convertible Arbitrage Fund, LDC              | 140,000   | 0.16% | 4,748.14   |
| Silvercreek IT Limited                              | 155,000   | 0.18% | 5,256.87   |
| Silvercreek Limited Partnership                     | 280,000   | 0.32% | 9,496.28   |
| Singlehedge US Convertible Arbitrage Fund           | 330,000   | 0.38% | 11,192.05  |
| Sphinx Convertible Arbitrage Fund SPC               | 21,000    | 0.02% | 712.22     |

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|  |                   |                |     |                     |            |          |
|--|-------------------|----------------|-----|---------------------|------------|----------|
| Sphinx Convertible Arb Fund SPC<br>c/o Investment Mgmt.                    | 620,000           | 0.72%          |     | 21,027.49           |            |          |
| Sphinx Convertible Arbitrage SPC   | 239,000           | 0.28%          |     | 8,105.76            |            |          |
| Sturgeon Limited   | 278,000           | 0.32%          |     | 9,428.45            |            |          |
| UBS AG London Prime Broker   | 5,500,000         | 6.38%          |     | 186,534.15          |            |          |
| UBS Securities LLC   | 2,745,000         | 3.18%          |     | 93,097.50           |            |          |
| Viacom Inc. Pension Plan Master<br>Trust                                   | 20,000            | 0.02%          |     | 678.31              |            |          |
| Vicis Capital Master Fund  | 400,000           | 0.46%          |     | 13,566.12           |            |          |
| Victus Capital, LP   | 1,600,000         | 1.86%          |     | 54,264.48           |            |          |
| Whitebox Diversified Convertible<br>Arbitrage Partners LP                  | 1,000,000         | 1.16%          |     | 33,915.30           |            |          |
| Xavex Convertible Arbitrage 10<br>Fund                                     | 680,000           | 0.79%          |     | 23,062.40           |            |          |
| Xavex Convertible Arbitrage 2<br>Fund                                      | 90,000            | 0.10%          |     | 3,052.38            |            |          |
| Xavex Convertible Arbitrage 4<br>Fund                                      | 74,000            | 0.09%          |     | 2,509.73            |            |          |
| Zazare Convertible Arbitrage<br>Fund L.P.                                  | 1,750,000         | 2.03%          |     | 59,351.78           |            |          |
| Zurich Institutional Benchmarks<br>Master Fund Ltd.                        | 359,000           | 0.42%          |     | 12,175.59           |            |          |
| All other holders of notes and<br>future transferees of such<br>holders(3) | 12,941,000        | 15.00%         | (4) | 438,897.90          |            |          |
| <b>Total</b>   | <b>86,250,000</b> | <b>100.00%</b> |     | <b>2,925,194.63</b> | <b>158</b> | <b>*</b> |

\* Less than 1%

- (1) Figures in this column do not include the shares of stock issuable upon conversion of the notes listed in the column to the right.
- (2) Assumes the sale of all notes and all of the common stock offered.
- (3) Information concerning other selling securityholders will be set forth in post-effective amendments to this registration statement.
- (4) Assumes that all other holders of notes or future transferees do not beneficially own any shares of common stock other than the shares issuable upon conversion of the notes.