

ADVANCED MEDICAL OPTICS INC  
 Form 424B3  
 January 11, 2005

PROSPECTUS SUPPLEMENT  
 (TO PROSPECTUS DATED OCTOBER 5, 2004)

FILED PURSUANT TO RULE 424(b) (3)  
 REGISTRATION NO. 333-118922

ADVANCED MEDICAL OPTICS, INC.

\$350,000,000

2.50% CONVERTIBLE SENIOR SUBORDINATED NOTES DUE 2024  
 AND  
 SHARES OF COMMON STOCK ISSUABLE UPON CONVERSION OF THE NOTES

This prospectus supplement supplements the prospectus dated October 5, 2004, as supplemented by prospectus supplements dated October 19, 2004, November 4, 2004, November 10, 2004 and December 13, 2004 relating to the resale by certain of our securityholders of up to \$350,000,000 aggregate principal amount at maturity of our 2.50% Convertible Senior Subordinated Notes due 2024 and the shares of our common stock issuable upon conversion of the notes. You should read this prospectus supplement in conjunction with the prospectus. This prospectus supplement is qualified by reference to the prospectus, except to the extent that the information in this prospectus supplement supersedes the information contained in the prospectus.

Effective December 15, 2004, as permitted by the indenture governing the notes, we made an irrevocable election to satisfy in cash our conversion obligation with respect to the principal amount of any notes converted after December 15, 2004, with any remaining amount of the conversion obligation to be satisfied in shares of common stock, in each case, calculated as set forth in the indenture.

The information appearing under the heading "Selling Securityholders" in the prospectus is hereby amended by the addition or substitution, as applicable, of the following:

| NAME OF SELLING SECURITYHOLDER                     | AGGREGATE<br>PRINCIPAL<br>AMOUNT OF<br>NOTES THAT MAY<br>BE SOLD | PERCENTAGE<br>OF AGGREGATE<br>PRINCIPAL<br>AMOUNT<br>OF NOTES<br>OUTSTANDING | NUMBER OF<br>SHARES OF<br>COMMON<br>STOCK<br>THAT MAY BE<br>SOLD (1) | PERCENTAGE<br>OF COMMON<br>STOCK<br>OUTSTANDING |
|--|--|--|--|---|
| DKR Saturn Event Driven Holding<br>Fund Ltd. (2)   | 13,250,000   | 3.79%  | (1)  | (1)   |
| DKR Saturn Multi-Strategy Holding<br>Fund Ltd. (3) | 13,250,000   | 3.79%  | (1)  | (1)   |

(1) As a result of our irrevocable election to satisfy in cash our conversion obligation with

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principal amount of any notes converted after December 15, 2004, on conversion, each holder shall receive (A) the cash amount equal to the aggregate principal amount of the notes to be converted, and (B) common stock equal to (i) the aggregate principal amount of notes to be converted divided by (ii) (a) the conversion rate then in effect minus (b) \$1,000 divided by the applicable conversion rate (as defined in the prospectus and the indenture). The initial conversion rate of the notes is 19.9045 shares of common stock per \$1,000 principal amount at maturity of the notes, subject to adjustment as described in the indenture.

- (2) Includes \$12,000,000 aggregate principal amount of notes previously reflected in the prospectus dated January 11, 2004, plus an additional \$1,250,000 aggregate principal amount of notes acquired pursuant to the Securities Act subsequent to September 29, 2004, the last date information was provided to the selling securityholders in such prospectus by the selling securityholders named therein.
- (3) Includes \$12,000,000 aggregate principal amount of notes previously reflected in the prospectus dated January 11, 2004, plus an additional \$1,250,000 aggregate principal amount of notes acquired pursuant to the Securities Act subsequent to September 29, 2004, the last date information was provided to the selling securityholders in such prospectus by the selling securityholders named therein.

INVESTING IN THE NOTES AND OUR COMMON STOCK ISSUABLE UPON CONVERSION OF THE NOTES INVOLVES RISKS THAT ARE DESCRIBED IN THE "RISK FACTORS" SECTION OF THE ACCOMPANYING PROSPECTUS BEGINNING ON PAGE 13.

NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THESE SECURITIES OR DETERMINED IF THIS PROSPECTUS SUPPLEMENT OR THE ACCOMPANYING PROSPECTUS IS TRUTHFUL OR COMPLETE. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

The date of this prospectus supplement is January 11, 2005.