

**TRIMEDYNE ANNOUNCES ITS REGISTRATION STATEMENT, COVERING SHARES SOLD IN A RECENT PRIVATE PLACEMENT AND OTHER SHARES, IS EFFECTIVE**

FOR IMMEDIATE RELEASE

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January 18, 2007 – Lake Forest, CA: TRIMEDYNE, INC. (OTCBB “TMED”) today announced its Amended Registration Statement, covering 2,915,000 shares of common stock (“Shares”) sold in a previously disclosed private placement, became effective January 17, 2007. The Amendment reflects the issuance of an additional 265,000 Shares to the investors.

The net proceeds of the private placement of about \$3 million will be primarily used to finance the increased level of sales expected from the marketing of Trimedyne’s new side firing laser fiber by Boston Scientific Corporation in the U.S. and Japan and by Lumenis, Ltd. elsewhere throughout the world, which is presently expected to commence late in the second calendar quarter of 2007.

The Amended Registration Statement also covers 212,000 Shares issuable under Warrants issued to two investment bankers, 600,000 Shares which may be issuable pursuant to options granted in the future under Trimedyne’s 2007 Non-Qualified Stock Option Plan and other Shares which Trimedyne may be required to issue pursuant to anti-dilution provisions of the subscriptions for the privately placed Shares and the Warrants.

Please see the Amended Registration Statement on form SB-2, dated January 17, 2007, for more information on the private placement and Trimedyne’s business.

Trimedyne manufactures proprietary Holmium lasers and patented fiber optic laser devices for a variety of minimally invasive surgical procedures, many of which are performed on an outpatient basis at substantially less cost than conventional surgery. For product, press release, financial and other information, please visit Trimedyne's website, <http://www.trimedyne.com>.

"Safe Harbor" Statement Under the Private Securities Litigation Reform Act:

Statements in this news release and the SB-2 Registration Statement may contain forward-looking statements within the meaning of Section 27A of the U.S. Securities Act of 1933 and Section 21E of the Securities and Exchange Act of 1934, including words like “expect”, “may”, “could” and others. Such statements may involve various risks and uncertainties, some of which may be discussed in the Company's Form 10-K-SB for the year ended September 30, 2006 and subsequently filed SEC reports. There is no assurance such statements will prove to be accurate, and actual results and future events could differ materially from those anticipated in such statements.

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