ENDOCARE INC Form SC 13G December 08, 2006

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PRIVATE OMB
APPROVAL
OMB Number: 3235-0145
Expires: January 31, 2006
Estimated average burden
hours per response. . . 11
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
SCHEDULE 13G
Under the Securities Exchange Act of 1934
Endocare, Inc.
(Name of Issuer)
Common Stock, par value $.0001 per share
(Title of Class of Securities)
29264P104
(CUSIP Number)
         November 22, 2006
(Date of Event Which Requires Filing of this Statement)
Check the appropriate box to designate the rule pursuant to
which this Schedule is filed:
[X] Rule 13d-1(b)
[X] Rule 13d-1(c)
[ ] Rule 13d-1(d)
PRIVATE
Names of Reporting Persons.
I.R.S. Identification Nos. of above persons (entities only).
Black River Asset Management LLC
I.R.S. Identification No: 41-2066451
Check the Appropriate Box if a Member of a Group (See Instructions)
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(a)
(b)
3. SEC Use Only
4. Citizenship or Place of Organization Delaware
Number of Shares Beneficially
Owned by Each Reporting Person With
5. Sole Voting Power: 0
6.
Shared Voting Power: 1,568,200 (see Item 4)
7. Sole Dispositive Power: 0
8.
Shared Dispositive Power: 1,568,200 (see Item 4)
9.

Aggregate Amount Beneficially Owned by Each Reporting Person: 1,568,200 (see Item 4) 10. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) 11. Percent of Class Represented by Amount in Row (9): 5.1% 12. Type of Reporting Person (See Instructions): IA PRIVATE 1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). Black River Long/Short Fund Ltd. I.R.S. Identification No: 98-0475958 2. Check the Appropriate Box if a Member of a Group (See Instructions) (a) (b) SEC Use Only Citizenship or Place of Organization Cayman Islands

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Number of
Shares
Beneficially
Owned by
Each Reporting
Person With
5.
Sole Voting Power: 0
6.
Shared Voting Power: 1,213,300
(see Item 4)
7.
Sole Dispositive Power: 0
Shared Dispositive Power: 1,213,300
(see Item 4)
Aggregate Amount Beneficially Owned by Each Reporting Person: 1,213,300
(see Item 4)
10.
Check if the Aggregate Amount in Row
(11) Excludes Certain
Shares (See Instructions)
11.
Percent of Class Represented by Amount in Row (9): 3.9%
Type of Reporting Person (See Instructions): 00
 PRIVATE
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1.
Names of Reporting Persons.
I.R.S. Identification Nos. of above persons (entities only).
Black River Long/Short Opportunity Fund LLC
I.R.S. Identification No: 30-0330292
2.
Check the Appropriate Box if a Member of a Group (See Instructions)
(b)
3.
SEC Use Only .....
Citizenship or Place of Organization
Delaware
Number of
Shares
Beneficially
Owned by
Each Reporting
Person With
Sole Voting Power: 0
Shared Voting Power: 354,900
(see Item 4)
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Sole Dispositive Power: 0
8.
Shared Dispositive Power: 354,900
(see Item 4)
9.
Aggregate Amount Beneficially Owned by Each Reporting Person: 354,900
(see Item 4)
10.
Check if the Aggregate Amount in Row
(11) Excludes Certain
Shares (See Instructions)
11.
Percent of Class Represented by Amount in Row (9): 1.1%
Type of Reporting Person (See Instructions): 00
Item 1.
Name of Issuer: Endocare, Inc.
(b)
Address of Issuer's Principal Executive Offices:
201 Technology Drive
Irvine, California 92618
Item 2.
(a)
Name of Person Filing:
This statement is filed by: (i) Black River Asset Management LLC ("Black
River") with respect to shares of common stock of the Issuer ("Shares") owned
by Black River Long/Short Fund Ltd. ("Long/Short Fund") and Black River
Long/Short Opportunity Fund LLC ("Opportunity Fund"); (ii) Long/Short Fund
with respect to Shares owned by it; and (iii) Opportunity Fund with respect to
Shares owned by it.
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(b)
Address of Principal Business Office:
The address of the principal business offices of Black River and Opportunity
Fund is 12700 Whitewater Drive, Minnetonka, MN 55343.
The address of the principal business office of Long/Short Fund is
P.O. Box 309GT, Ugland House
South Church Street
George Town, Grand Cayman
Cayman Islands
(C)
Citizenship:
Black River and Opportunity Fund are Delaware limited liability companies.
Long/Short Fund is a Cayman Islands exempted company.
(d)
Title of Class of Securities: Common Stock.
(e)
CUSIP Number: 29264P104
If this statement is filed pursuant to Sections 240.13d-1(b)
or 240.13d-2(b) or (c), check whether the person filing is a:
(a)
Broker or dealer registered under section 15 of the
Act (15 U.S.C. 780).
(b)
Bank as defined in section 3(a)(6) of the Act (15
U.S.C. 78c).
(c)
Insurance company as defined in section 3(a)(19) of
the Act (15 U.S.C. 78c).
(d)
Investment company registered under section 8 of
the Investment Company Act of 1940 (15 U.S.C
80a-8).
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(e)
[X]
An investment adviser in accordance with Section
240.13d-1(b)(1)(ii)(E);
(f)
[ ]
An employee benefit plan or endowment fund in
accordance with Section 240.13d-1(b)(1)(ii)(F);
(g)
[ ]
A parent holding company or control person in
accordance with Section 240.13d-1(b)(1)(ii)(G);
(h)
[ ]
A savings associations as defined in Section 3(b) of
the Federal Deposit Insurance Act (12 U.S.C. 1813);
(i)
[ ]
A church plan that is excluded from the definition of
an investment company under section 3(c)(14) of the
Investment Company Act of 1940 (15 U.S.C. 80a-
3);
(j)
[ ]
Group, in accordance with Section 240.13d-
1(b)(1)(ii)(J).
Item 4.
Ownership.
The percentages used herein are calculated based
upon the Shares issued and outstanding as of October 31, 2006,
as reported on the Issuer's quarterly report on Form 10-Q filed for
the fiscal period ending September 30, 2006.
As of close of business on November 22, 2006
       Black River Asset Management LLC ("Black River")
1.
       Amount beneficially owned: 1,568,200
(a)
       Percent of class: 5.1%
(b)
       (i) Sole power to vote or to direct the vote: 0
(ii) Shared power to vote or to direct the vote: 1,568,200
       Sole power to dispose or to direct the disposition of: 0
(iv)
       Shared power to dispose or to direct the disposition of: 1,568,200
       Black River Long/Short Fund Ltd. ("Long/Short Fund")
(a)
       Amount beneficially owned: 1,213,300
       Percent of class: 3.9%
(b)
       (i) Sole power to vote or to direct the vote: 0
(ii) Shared power to vote or to direct the vote: 1,213,300
(iii) Sole power to dispose or to direct the disposition of: 0
        Shared power to dispose or to direct the disposition of: 1,213,300
(iv)
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- Black River Long/Short Opportunity Fund LLC ("Opportunity Fund")
- (a) Amount beneficially owned: 354,900
- (b) Percent of class: 1.1%
- (c) (i) Sole power to vote or to direct the vote: 0
- (ii) Shared power to vote or to direct the vote: 354,900
- (iii) Sole power to dispose or to direct the disposition of: 0
- (iv) Shared power to dispose or to direct the disposition of: 354,900

Black River does not own any Shares or securities convertible into shares. Pursuant to an investment advisory agreement, Black River has investment and voting power with respect to the securities held by the Long/Short Fund and Opportunity Fund.

Item 5.

Ownership of Five Percent or Less of a Class
If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following. []

Item 6.

Ownership of More than Five Percent on Behalf of Another Person. Not Applicable

Item 7.

Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person
Not Applicable

Item 8.

Identification and Classification of Members of the Group
Not Applicable

Item 9.

Notice of Dissolution of Group Not Applicable

Item 10.

Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: December 8, 2006

Black River Asset Management LLC

/s/ Robert Goedken

Signature

Name: Robert Goedken

Title: Chief Legal Officer

Date: December 8, 2006

Black River Long/Short Fund Ltd.
By: Black River Asset Management LLC
Its Investment Adviser

/s/ Robert Goedken

Signature

Name: Robert Goedken

Title: Chief Legal Officer

Date: December 8, 2006

Black River Long/Short Opportunity Fund LLC.
By: Black River Asset Management LLC
Its Investment Adviser

/s/ Robert Goedken

Signature

Name: Robert Goedken

Title: Chief Legal Officer

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SCHEDULE 13G CUSIP NO. 29264P104