

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No.)*

INTEGRA LIFESCIENCES CORPORATION

(Name of Issuer)

Common Stock, par value \$.01 per share

(Title of Class of Securities)

457985 20 8

(CUSIP Number)

September 28, 1998

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this
Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's
initial filing on this form with respect to the subject class of securities, and
for any subsequent amendment containing information which would alter
disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed
to be "filed" for the purpose of Section 18 of the Securities Exchange Act of
1934 ("Act") or otherwise subject to the liabilities of that section of the Act
but shall be subject to all other provisions of the Act (however, see the
Notes).

Page 1 of 5 Pages

SCHEDULE 13G

CUSIP No. 457985 20 8

1 NAME OF REPORTING PERSON: Elan Corporation, plc
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY): n/a

2 CHECK THE APPROXIMATE BOX IF A MEMBER OF A GROUP (a)
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION: Ireland

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER
		1,100,000(1)
	6	SHARED VOTING POWER
		0
	7	SOLE DISPOSITIVE POWER
		1,100,000(1)
	8	SHARED DISPOSITIVE POWER
		0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 1,100,000(1)

10 CHECK BOX IF AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES []

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 6.9%

12 TYPE OF REPORTING PERSON: CO

(1) The shares reported herein (the "Shares") are owned directly by GWC Health, Inc. ("GWC"), which is a wholly owned subsidiary of Athena Diagnostics, Inc. ("Athena"), which is a wholly owned subsidiary of the Reporting Person. Accordingly, the Reporting Person exercises sole voting and dispositive power over the Shares.

Item 1.

(a) Name of Issuer:

The name of the issuer is Integra LifeSciences Corporation (the "Issuer").

(b) Address of Issuer's Principal Executive Offices:

The principal executive offices of the Issuer are located at 105 Morgan Lane, Plainsboro, New Jersey 08536.

Item 2.

(a) Name of Person Filing:

This Schedule 13G Statement (this "Statement") is hereby filed by Elan Corporation, plc (the "Reporting Person"). The Shares are owned directly by GWC, which is a wholly owned subsidiary of Athena, which in turn is a wholly owned subsidiary of the Reporting Person. Accordingly, the Reporting Person exercises sole voting and dispositive power over the Shares. The Reporting Person, Athena and GWC collectively are referred to herein as the "Item 2 Persons."

(b) Address of Principal Business Office, or, if none, Residence:

The principal business office of the Reporting Person is Lincoln House, Lincoln Place, Dublin 2, Ireland.

(b) Citizenship:

The Reporting Person is a public limited company organized and existing under the laws of Ireland.

(d) Title of Class of Securities:

This Statement relates to the Common Stock, par value \$.01 per share, of the Issuer (the "Common Stock").

(d) CUSIP Number:

The CUSIP number of the Shares is 457985 20 8.

Item 3. If this statement is filed pursuant to Rules 13d-1(b), or 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. 78o);
- (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);

- (e) [] 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.

- (a) Amount beneficially owned:

The Reporting Person may be deemed to be the beneficial owner of 1,100,000 shares of the Common Stock, which includes 300,000 shares issuable upon the exercise of warrants.

- (b) Percent of class:

The number of shares of the Common Stock of which the Reporting Person may be deemed to be the beneficial owner constitutes approximately 6.9% of the outstanding shares of the Common Stock (based upon outstanding Common Stock as of September 28, 1998).

- (c) Voting and dispositive power:

Acting on behalf of GWC, its indirect wholly owned subsidiary, the Reporting Person has the sole power to vote or direct the vote and to dispose or to direct the disposition of 1,100,000 shares of the Common Stock.

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

No person other than the Item 2 Persons has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Shares.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

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.

Dated: October 8, 1998

/s/ Thomas G. Lynch

Name: Thomas G. Lynch
Title: Chief Financial Officer