SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE TO

(Rule 14d-100) Tender Offer Statement Under Section 14(d)(1) or Section 13(e)(1) of the Securities Exchange Act of 1934

i-STAT CORPORATION

(Name of Subject Company (Issuer))

Senator Acquisition Corporation a wholly owned subsidiary of ABBOTT LABORATORIES

(Names of Filing Persons (Offerors))

Common Stock, Par Value \$.15 Per Share (Title of Class of Securities)

450213 10 3 (CUSIP Number of Class of Securities)

Jose M. de Lasa Senior Vice President and General Counsel Abbott Laboratories 100 Abbott Park Road Abbott Park, Illinois 60064-6400 (847) 937-6100

(Name, address and telephone number of person authorized to receive notices and communications on behalf of filing persons)

Copy to:

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CALCULATION OF FILING FEE

		Transaction Valuation*	Amount of Filing Fee
		Not Applicable	Not Applicable
0	Check the box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration number or the Form or Schedule and the date of its filing.) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement
		Amount Previously Paid:	Filing Party:
		Form or Registration No.:	Date Filed:
\boxtimes	Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.		
	Check the appropriate boxes below to designate any transactions to which the statement relates:		
	\times	third-party tender offer subject to Rule 14d-1.	
	0	issuer tender offer subject to Rule 13e-4.	
	0	going-private transaction subject to Rule 13e-3.	
	0	amendment to Schedule 13D under Rule 13d-2.	
Check t	the follow	ving box if the filing is a final amendment reporting the results of the	e tender offer. o

Item 12. Exhibits

Text of Joint Press Release issued by Abbott Laboratories and i-STAT Corporation on December 15, 2003

QuickLinks

Item 12. Exhibits

Abbott Laboratories to Acquire i-STAT Corp., a Leading Manufacturer of Point-of-Care Diagnostics

—Acquisition Strengthens Abbott's Position in the Rapidly Growing Point-of- Care Diagnostics Market with Proprietary Technology for Patient Testing at the Bedside—

ABBOTT PARK, Ill., and EAST WINDSOR, N.J., December 15—Abbott Laboratories (NYSE: ABT) and i-STAT Corporation (Nasdaq: STAT) today announced that the companies have entered into an agreement and plan of merger for Abbott to acquire all of the issued and outstanding stock of i-STAT, a leading manufacturer of point-of-care diagnostic systems for blood analysis.

Under the terms of the agreement, Abbott will acquire the shares of i-STAT it does not already own for \$15.35 per share. The acquisition is structured as a cash tender offer for all of the issued and outstanding shares of i-STAT. The net transaction value is approximately \$392 million. The tender offer is expected to be completed by February 2004, subject to regulatory approvals and customary closing conditions. The tender offer is contingent upon the majority of i-STAT's issued and outstanding stock being tendered. Cerberus Capital Management L.P. and its affiliates as well as certain officers and directors of i-STAT have agreed to tender their shares in the acquisition. i-STAT has received an opinion from Credit Suisse First Boston Corporation that the acquisition is fair from a financial point of view to the holders of Common Stock of i-STAT.

"Through our strategic alliance with i-STAT and the MediSense Precision PCx[™] and point-of-care data management systems, Abbott has established a leading position in point-of-care diagnostics that will be further enhanced by this acquisition," said Richard A. Gonzalez, president and chief operating officer, Medical Products Group, Abbott Laboratories. "It provides an excellent fit with our long-term strategy of expanding our capabilities in diagnostics while targeting medical needs at the point of patient care."

It has been demonstrated in third-party studies that the immediate availability of test results at the bedside can help medical staff improve outcomes, including decreased mortality and reduced length of stay in critical care areas.

Abbott and i-STAT entered into a strategic alliance for point-of-care testing in 1998 that included a marketing and distribution agreement and a stock purchase agreement, along with a research and development and license agreement for certain new diagnostic products. The two companies are currently negotiating an amendment to the existing marketing and distribution agreement to assure an orderly transition process.

The acquisition of i-STAT allows Abbott continued access to a broad point-of-care portfolio, with an array of products including the i-STAT® portable clinical analyzer, an automated hand-held blood analyzer for bedside testing capable of performing a panel of commonly ordered blood tests on two or three drops of blood, generally in just two to three minutes at the patient's side.

i-STAT products include a variety of cartridges used to perform a number of critical care assays including blood gases, electrolytes, general chemistries, coagulation and hematocrit. In the fourth quarter this year, i-STAT started marketing cartridges to perform immunoassay tests that measure troponin I. The troponin I assay offers hospital emergency departments a point-of-care diagnostic test for patients presenting with chest pain. i-STAT also expects to shortly launch kaolin-based activated clotting time (ACT). The kaolin ACT test will be sold as a companion product to i-STAT's Celite®* ACT test for use in cardiovascular operating rooms and cardiac catheterization laboratories.

In addition, the i-STAT Central Data Station is widely used in hospitals to store and organize information pertaining to thousands of patient tests performed on i-STAT analyzers.

i-STAT also has several potential new products in development, including tests for congestive heart failure and a panel of tests for managing metabolic conditions.

"Abbott is the ideal fit for i-STAT," said J. Robert Buchanan, M.D., chairman of the board, i-STAT. "Our leading technology complements Abbott's broad capabilities in the worldwide diagnostics market.

Our Board is unanimously behind this acquisition, as we believe that it is an excellent outcome for our stakeholders, including our employees, many of whom have supported or been with us for a very long time."

Abbott is a global leader in in vitro diagnostics and offers a range of innovative instrument systems and tests across key segments in the global diagnostics market, including hospitals, reference labs, blood banks, physician offices, clinics and consumers. As part of its point-of-care diagnostics business, Abbott manufactures and markets a line of systems and tests through its MediSense business, including leading brands such as Precision PCxTM and Precision XtraTM blood glucose monitors with TrueMeasureTM strip technology and PrecisionWebTM, the industry's first web-based data management system for point-of-care testing in the hospital.

The transaction will have no impact on Abbott's previously announced earnings-per-share guidance for 2003. The acquisition will not impact earnings-pershare in 2004, excluding anticipated one-time charges associated with this transaction, primarily for in process research and development.

i-STAT Corporation develops, manufactures and markets diagnostic products for blood analysis that provide heath care professionals critical diagnostics information accurately and immediately at the point of patient care.

The tender offer described in this press release has not yet commenced, and this press release is neither an offer to purchase nor a solicitation of an offer to sell securities. At the time the tender offer is commenced, Abbott will file a tender offer statement with the U.S. Securities and Exchange Commission. Investors and i-STAT security holders are strongly advised to read the tender offer statement (including an offer to purchase, letter of transmittal and related tender offer documents) and the related solicitation/recommendation statement that will be filed by i-STAT with the SEC, because they will contain important information. These documents will be available at no charge on the SEC's Web site at www.sec.gov.

Abbott Laboratories is a global, diversified health care company devoted to the discovery, development, manufacture and marketing of pharmaceuticals, nutritionals, and medical products, including devices and diagnostics. The company employs more than 70,000 people and markets its products in more than 130 countries. In 2002, the company's sales were \$17.7 billion.

Abbott's news releases and other information are available on the company's Web site at www.abbott.com.

i- STAT's news releases and other information are available on its Web site at www.i-STAT.com.

Private Securities Litigation Reform Act of 1995— A Caution Concerning Forward-Looking Statements

Some statements in this news release may be forward-looking statements for purposes of the Private Securities Litigation Reform Act of 1995. Abbott and i-STAT caution that these forward-looking statements are subject to risks and uncertainties that may cause actual results to differ materially from those indicated in the forward-looking statements including that the conditions precedent to the completion of the acquisition may not be satisfied or necessary regulatory approval will not be obtained. Economic, competitive, governmental, technological and other factors that may affect Abbott's operations are discussed in Exhibit 99.1 of its Securities and Exchange Commission Form 10-Q for the period ended Sept. 30, 2003, and are incorporated by reference. For a description of factors that may affect i-STAT's future results, see discussion under "Factors That May Affect Future Results" in i-STAT's Annual Report on Form 10-K for the year ended December 31, 2002 and other factors detailed from time to time in i-STAT's other filings with the Securities and Exchange Commission. Abbott and i-STAT undertake no obligation to release publicly any revisions to forward-looking statements as the result of subsequent events or developments.

* Celite is a registered trademark of Celite Corporation, Santa Barbara, CA.

QuickLinks

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