## U. S. SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 10-K5B
(Mark One)  X Annual Report Under Section 13 or 15(d) of the Securities Exchange  Act of 1934 (FEE REQUIRED)
For the fiscal year ended December 31, 1998
Transition Report Under Section 13 or 15(d) of the Securities Exchange Act of 1934 (NO FEE REQUIRED)
For the transition period from to .
Commission file number 0-12627
Medical Discoveries, Inc.
(Name of small business issuer in its charter)
Utah 87-0407858
(State or other Jurisdiction of incorporation or organization) (I.R.S. Employer Identification No.)
2985 North 935 East, Suite 9, Layton, UT 84041
(Address of Principal Executive Offices) (Zip Code)
Issuer's Telephone Number, Including Area Code: (801) 771-0523
Securities Registered under Section 12(b) of the Exchange Act:
Title of Each Class Name of Each Exchange on Which Registered
None None
Securities registered under Section 12(g) of the Exchange Act:
Common Stock
(Title of Class)
Check whether the issuer (1) filed all reports required to be filed by Secti 13 or 15(d) of the Exchange Act during the past 12 months (or for such short period that the registrant was required to file such reports), and (2) has be

ion ter een subject to such filing requirements for the past 90 days.

Yes X No

Check if there is no disclosure of delinquent filers in response to Item 405 of Regulation S-B in this form, and no disclosure will be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-KSB or any amendment to this Form 10-KSB.

The Company had revenues totaling \$18,409 from operations during the fiscal year ended December 31, 1998.

The aggregate market value of the voting stock held by nonaffiliates of the registrant (24,807,921 shares) is approximately \$8,062,574. The aggregate market value has been computed by reference to the average bid and asked prices of such stock (\$0.325 per share) as of March 31, 1999 (which date is within 60 days of the filing of this Form 10-KSB/A).

The number of shares outstanding of the issuer's Common Stock as of March 31, 1999 was 26,473,625.

Medical Discoveries, Inc. ("MDI" or the "Company") has developed a technology (hereafter "MDI-P") that appears to have the ability to destroy certain viruses and bacteria. This technology may also have the ability to kill other infectious agents, possibly including pathogenic fungi and parasites, and may possibly be used as a sterilizing agent for medical and dental instruments. This technology may also potentially be used to remove or inactivate infectious agents in human and animal blood-derived products, such as plasma and gamma globulin. The Company has extended this core technology to preliminary investigations of a wide variety of "electrolysis technologies" which may have applications in the cosmetic, home water purification and skin care markets.

In addition to its base business, the Company expanded into related technologies in 1998 by forming MDI HealthCare Systems, Inc. ("MDI-HCS"), a wholly-owned subsidiary. MDI-HCS seeks to take advantage of various products it has developed in the skin care industry for scar therapy, wound care and skin repair.

The Company remains committed to its pursuit of establishing its electrolysis technologies and patents as an effective anti-bacterial, anti-viral and anti-fungal products for in-vitro and in-vivo applications and to developing an effective liquid chemical sterilant for the sterilization of surgical instruments.

MDI is a development stage company. The Company needs to raise additional funding to continue development of its technology and to submit its technology to the Food and Drug Administration(the "FDA") for approval. FDA approval is required for commercialization of the Company's core technology.

#### THE PRODUCT

The Company's product is referred to as MDI-P. MDI-P stands for "Medical Discoveries, Inc.-Pharmaceutical." In the potential IN-VIVO applications, targeted at treating certain human diseases, the MDI-P compound would be administered either intravenously, orally, nasally or topically as required. Electrolysis is the method whereby a certain type of electric current is passed through a saline solution. The electrical current causes the chemicals in the saline solution to alter, producing a variety of chemical compounds. Different electrical currents produce different concentrations of these and related products. In previously published scientific literature, electrolyzed saline solutions have been shown to have an intense microbicidal effect.

In the potential  $\,$  IN-VITRO  $\,$  applications,  $\,$  such as the sterilization of surgical instruments,  $\,$  will require washing and/or submersion of the surgical instruments into the electrolysis solution.

Electrolysis technology such as that which has been developed and is in development by the Company, has received rapid and intense attention in Japan. In support of this technology, the Japanese government has established a special organization to study the applications for this technology. The name for this organization is the Function Water Foundation. Japan currently has as many as 35 separate companies developing products to make the benefits of function water available for a wide variety of applications. The activity in Japan is an excellent opportunity to develop key relationships that will enhance the company's understanding and development of these technologies as MDI prepares to enter worldwide markets in the future, either separately or in strategic alliance with several of these companies.

#### PATENTS AND PATENT APPLICATIONS

MDI has been issued the following six patents:

"Electrically Hydrolyzed Salines as In Vivo Microbicides for Treatment of Cardiomyopathy and Multiple Sclerosis", issued August 2, 1994. This is the original patent filed by MDI.

"Apparatus for Electrolyzing Fluids", issued April 16, 1996. This allows for patent protection for the device which manufactures MDI-P.

"Apparatus for Electrolyzing Fluids", issued October 1, 1996. This covers the methods for using the device to generate MDI-P.

"Electrically Hydrolyzed Salines as Microbicides for In Vitro Treatment of Contaminated Fluids Containing Blood", issued April 22, 1997. This covers the use of MDI-P for blood and blood products sterilization.

"Electrically Hydrolyzed Saline Solution Comprising Reactive Species of Ozone and Chlorine", issued October 7, 1997. This is a patent on the product MDI-P produced by the Company's technology.

"Electrically Hydrolyzed Salines as Microbicides", issued March 24, 1998. This is a patent on the product MDI-P produced by the Company's technology.

MDI has other patent applications pending which, if allowed, will provide protection for the technologies described in said patents.

In addition, the Company has made use of the Patent Treaty Cooperative to extend its patent protection to countries in the European Union, Canada, Mexico, and Japan.

#### RESEARCH AND DEVELOPMENT

MDI is a development stage company with limited resources. During the two fiscal years ended December 31, 1997 and 1998 the Company spent \$ 149,820 and \$ 415,415 respectively on research and development. The Company intends actively to pursue and expand its research efforts as funds will allow. The focus of the initial research was on the use of MDI-P as a broad-spectrum bactericide, anti-fungal agent, human anti-viral agent, and a potential sterilizing agent for blood products. Current research activities include the discovery and development of additional market applications based upon a variety of electrolysis based technologies and in the cosmeceuticals market.

#### TECHNOLOGY PROTECTION POLICY AND DISCLAIMERS

It is the Company's policy to protect its technology by, among other means, filing patent applications to protect technology which it considers important to the development of its business. The Company will also rely upon trade secrets and improvements, unpatented know-how, and continuing technological innovation to develop and maintain its competitive position. Despite the Company's policy to seek patent protection wherever appropriate, there can be no assurance that the Company's patent applications will result in further patents being issued or that, if issued, the patents will afford protection against competitors with similar technology. There can also be no assurance that any patent issued to the Company will not be infringed or circumvented by others or that others will not obtain patents that the Company would need to license or circumvent. There can be no assurance that licenses, which might be required for the Company's processes or products, would be available on reasonable terms or that patents issued to others would not prevent the Company from developing and marketing its products. In addition, there can be no assurance that the patents, if issued, would be held valid by a court of competent jurisdiction. To the extent the Company also relies upon unpatented trade secrets, there can be no assurance that others will not independently develop substantially equivalent proprietary information and techniques or otherwise gain access to the Company's trade secrets or disclose such technology.

#### CONFIDENTIALITY POLICY AND DISCLAIMERS

MDI, as a matter of policy, requires its employees, consultants, and advisors to execute a confidentiality agreement upon the commencement of an employment or consulting relationship with the Company. The Company also, as a matter of policy, obtains such confidentiality agreements from appropriate independent parties. The agreements provide that all confidential information developed or made known to the individual during the course of the relationship shall be kept confidential and not be disclosed to others except in specified circumstances. In the case of employees and certain consultants, the agreements contain non-competition clauses and provide that all inventions conceived by the individual shall be the exclusive property of the Company. There can be no assurance, however, that these agreements will provide meaningful protection for the Company's trade secrets in the event of unauthorized use or disclosure of such information.

## COMPETITION

The biotechnology and pharmaceutical industries are characterized by rapidly evolving technology and intense competition. The Company's competitors include major pharmaceutical, chemical, and specialized biotechnology companies, many of which have financial, technical, and marketing resources significantly greater than those of the Company. Fully integrated pharmaceutical companies, due to their expertise in research and development, manufacturing, testing, obtaining regulatory approvals, and marketing, as well as their substantially greater financial and other resources, may be the Company's most formidable competitors. In addition, acquisitions by such pharmaceutical companies could enhance the financial and marketing resources of smaller competitors. Furthermore, colleges, universities, governmental agencies, and other public and private research organizations will continue to conduct research and possibly market competitive commercial products on their own or through joint ventures. These institutions are becoming more active in seeking patent protection and licensing arrangements to collect royalties for use of technology that they have developed. These institutions also will compete with the Company in recruiting and retaining highly qualified scientific personnel.

If and when MDI obtains regulatory approval for any of the uses of its technologies, it must then compete for acceptance in the marketplace. Given that

such regulatory approval, especially in the United States, may take a number of years, the timing of the introduction of its products and to the market is critical. Other safe and effective drugs and treatments may be introduced into the market prior to the time that the Company is able to obtain approval for the commercialization of its products. In addition, even after such regulatory approval is obtained, competition among products approved for sale may be affected by, among other things, product efficacy, safety, reliability, availability, price, and patent position. There can be no assurance that its products will be competitive if and when introduced into the marketplace for any of their possible uses.

#### GOVERNMENT REGULATIONS

REGULATIONS GENERALLY. The Company's use of the MDI-P solution in the treatment of HIV, and any other products in discovery and development for other human or IN VITRO uses is subject to extensive regulation by United States and foreign governmental authorities. These regulations apply not only to the use of the product itself, but also to the manufacture of any device (such as the electrolyzer) used to create said products. In particular, pharmaceutical treatments are subject to rigorous preclinical and clinical testing and other approval requirements by the FDA in the United States under the federal Food, Drug and Cosmetic Act and by comparable agencies in most foreign countries. Various federal, state and foreign statutes also govern or influence the manufacture, labeling, storage, record keeping, and marketing of such products. Pharmaceutical manufacturing facilities are also regulated by state, local, and other authorities. Obtaining approval from the FDA and other regulatory authorities for a new drug or treatment may take several years and involve substantial expenditures. Moreover, on going compliance with these requirements can require the expenditure of substantial resources. Difficulties or unanticipated costs may be encountered by the Company or marketing partners in their respective efforts to secure necessary governmental approvals, which could delay or preclude the Company or its marketing partners from marketing the companies products.

GOVERNMENT APPROVALS NEEDED FOR COMMERCIALIZATION. For IN VIVO uses, MDI must conduct preclinical studies to prepare its IND application. If the FDA accepts the IND application, the Company would be allowed to commence a series of clinical trials: However, the granting of approval to initiate human clinical trials is not presumptive of eventual product approval. Each clinical study must be evaluated by an independent institutional review board ("IRB"). Data from preclinical testing and clinical trials may eventually be submitted to the FDA in a "New Drug Application" ("NDA") for marketing approval: However the submission of an "NDA" is in no way to be presumptive of eventual approval. After the FDA grants approval for the NDA, initial marketing efforts may begin. Each step of the approval process can involve considerable time, money, and effort. At any point, approvals may be withdrawn if compliance with regulatory standards are not maintained. For IN VITRO uses, the FDA process is less complicated and time consuming primarily due to the fact that such in vitro use of the Companies products would not intail the same clinical trial requirements as are indicated by in vivo use. For IN VITRO applications the Company would be required to provide evidence of safety and efficacy. This data is required to be filed with the FDA by in the form of a "510(k) Application." This 510(k) Application is subject to FDA approval, but the time required for such approval is considerably less than the time required for the approval of a "new drug" because extensive clinical data is not required. Again, the FDA's approval may be withdrawn if any regulatory standards are not maintained.

OTHER GOVERNMENTAL REGULATIONS. In addition to regulations enforced by the FDA, the Company is also subject in the United States to regulation under the Occupational Safety and Health Act, the Environmental Protection Act, the Toxic Substances Control Act, the Resource Conservation and Recovery Act, and other present and potential federal, state and local regulations. Because the Company does not currently produce, use, or otherwise handle hazardous chemicals or produce pollutants in regulated amounts, it is not subject to significant costs of compliance with these environmental laws.

## CONTINUING RESEARCH

For its core technologies, MDI has not yet commenced any operations other than discovery development and testing with respect to MDI-P. Initially, the Company intends to focus its continuing research in IN VIVO applications targeted against the HIV virus. The Company is also developing several innovative applications of its InvisiScar technology.

## LICENSING, DISTRIBUTION, AND MANUFACTURING

Given the preliminary nature of the Company's discovery, research and development of its pharmaceutical technologies, and given the uncertainty of regulatory approvals and market viability, management of the Company has determined that the best course for commercialization of these potential products ant their various potential applications may be through contracts with third parties including larger, established pharmaceutical companies. However,

for the Companies consumer product technology and resultant products management has determined that the best course for commercialization is through it's wholly owned subsidiary MDI HealthCare Systems Inc., either directly or indirectly through various domestic and international distribution agreements. To this end the Company will continue its product manufacturing through strategic alliances with approved contract manufacturing companies.

#### EMPLOYEES AND OFFICERS

MDI is currently a development stage company that conducts research primarily through third parties. The officers of the Company are Lee F. Kulas, President and Chief Executive Officer, William J. Novick, Ph.D., Vice President and Chief Technical Officer, and Mr. Scott Wood, Chief Financial Officer. Mr. Kulas devotes his full time to MDI's affairs. Generally, the officers of the Company have not been paid any regular salaries or bonuses, although the Company occasionally has authorized compensation to certain officers for services rendered and expenses personally incurred on the Company's behalf. The Company accrues amounts due these officers under agreements with the officers. This compensation has generally taken the form of a waiver of the cash exercise price for outstanding stock options to these individuals (see "Executive Compensation" below). It is anticipated that in 1999, given an appropriate level of funding, the Company will begin to pay appropriate current and accrued salaries to its officers.

During the third quarter of 1998, Directors Aaron Etra and Paul Griesgraber, advised management of their desire to form a non-competitive company focusing on non-competitive applications for technologies which may be complementary to MDI and its subsidiary. Mr. Etra and Mr. Griesgraber advised management of their intention to resign from MDI's Board of Directors and Mr. Griesgraber's intention to resign from his position as Director of Licensing and Development to allow them to devote their full attention to their new venture without any appearance of conflict. The Company and its Board of Directors approved and agreed with the request and resignations. MDI maintains business relationships with Mr. Etra and Mr. Griesgraber and is evaluating potential strategic partnerships.

In December 1998, Mr. Marlin Toombs, a director of the Company since its inception, advised Management and the Board of his desire to retire from day-to-day activities as Vice President, Investor Relations and a member of the Board of Directors to allow him more time for personal interests. The Company requested and Mr. Toombs agreed to continue to make his services available via a consultancy agreement.

### ITEM 2. PROPERTIES

The Company's principal place of business is located in a small commercial office space at 2985 North 935 East, Suite 9, Layton, Utah 84041. The lease on the Company's offices expires on April 30, 2000, with a remaining lease obligation of approximately \$14,400. This space is currently used as corporate headquarters and since the first quarter of 1998 has served as the company's base of operations as the company enters consumer markets.

## ITEM 3. LEGAL PROCEEDINGS

LEGAL PROCEEDINGS. The Company may, on advice from counsel, become a plaintiff on a legal action commenced by its wholly owned subsidiary Regenere, Inc., to enforce its rights under the Joint Venture Agreement with Advanced BioTechnologies, Inc., to account for proceeds delivered to former officers and directors and for a declaration from the courts to its rights in the matter. Management does not believe that the lawsuit will affect the Company's ability to achieve its Business Plan, and that this lawsuit will not affect the ongoing activities of Medical Discoveries, Inc.

ITEM 4. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS

Not applicable.

## Part II

ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY AND RELATED STOCKHOLDER MATTERS

The Company's Common Stock is traded on the over-the-counter ("OTC") system under the symbol "MLSC". The following table sets forth, for the periods indicated, the closing high and low bid prices for the Common Stock. The prices represent inter-dealer prices, without adjustment for retail markups, markdowns, or commissions and may not represent actual transactions. The National Quotation Bureau, Inc has provided the information.

	HIGH	LOW
Fiscal Year Ended December 31, 1998		
First quarter	\$ 0.25	\$ 0.15
Second quarter	0.94	0.15
Third quarter	1.03	0.41
Fourth quarter	0.68	0.31
Fiscal Year Ended December 31, 1997		
First quarter	\$ 0.60	\$ 0.21
Second quarter	0.47	0.20
Third quarter	0.40	0.18
Fourth quarter	0.33	0.14

On December 31, 1998, there were approximately 1,209 record owners of the Company's Common Stock. The Company estimates that the number of beneficial holders is in excess of 2,000.

The Company has never paid a cash dividend and does not anticipate the payment of cash dividends in the foreseeable future. Earnings are expected to be retained to finance the Company's growth. Declaration of dividends in the future will remain within the discretion of the Company's Board of Directors, which will review its dividend policy from time to time.

#### ITEM 6. MANAGEMENT'S DISCUSSION AND ANALYSIS OF PLAN OF OPERATION

RESULTS OF OPERATIONS: FISCAL YEAR 1998 COMPARED TO FISCAL YEAR 1997.

The Company had revenue of \$18,409, as the result of initial commercialization of selected products from its newly formed, wholly-owned, consumer products subsidiary MDI HealthCare Systems, Inc in 1998 compared to no revenue in 1997. The Company had interest revenue of \$2,515 in 1998 compared to \$5,829 in 1997 due to capital raised by the Company in 1997. Funds raised in equity offerings were placed in low-risk interest-bearing accounts until needed by the Company and resulted in higher interest income in 1997. The Company spent \$415,415 on R&D in 1998 compared to \$149,820 in 1997. The majority of research funds were expended in initiating certain US Food and Drug Administration (FDA) required testing for the filing on an Investigational New Drug Application (IDE). G&A costs were \$3,028,063 in 1998 compared to \$619,671 in 1997. Of the \$3,028,062 in G&A costs, \$2,341,046 resulted from non-cash expenses attributed to the issuance of stock options to investors as part of the 1998 private placement issues (see "Private Placements Closed" below). The balance of the increase in G&A costs resulted from the initial expense of forming the MDI-HCS subsidiary. The Company had interest expense of \$51,585 compared to \$68,100 in 1997.

LIQUIDITY. The Company's net working capital position (current assets less current liabilities) decreased to negative \$1,629,485 in 1998 from negative \$1,283,166, due primarily to increased short-term borrowings and accrued expenses. Of the Company's \$1,886,320 in current liabilities, approximately \$250,000 results from legal services, approximately \$264,000 results from dated payables from a predecessor company, \$162,000 results from short-term borrowings from shareholders, and approximately \$820,000 results from accrued liabilities to officers and employees. None of these four groups (holding a total of approximately \$1,496,000 in current liabilities) has made or is expected to make a demand for cash payments until the Company's cash position improves.

PRIVATE PLACEMENTS CLOSED. The Company closed the following private placements during 1998:

During the first quarter of 1998, the Company sold 270,270 shares of stock for \$50,000 at \$0.185 per share.

During the second quarter of 1998, the Company sold 50,000 shares of stock for \$25,000 at \$0.50 per share.

During the second and third quarters of 1998, the Company sold 1,666,658 shares of stock for \$500,000 at \$0.30 per share and certain exclusive limited distribution rights for the Company's own products as well as products from MDI-HCS. to an investor group. For every one share acquired, each investor in this offering received warrants to acquire 0.20 shares at \$0.50 per share, 0.40 shares at \$0.75 per share, and 0.20 shares at \$1.00 per share. Accordingly, the Company issued warrants to these investors allowing them to acquire an aggregate of 1,333,326 shares at various prices share over the next three years. This investment was originally placed at \$0.75 per share with warrants issued at to each investor to acquire 0.50 shares at \$0.75 per share, 1.00 share at \$1.00 per share, and 0.50 shares at \$1.50 per share. In December 1998, the pricing was reevaluated to more accurately reflect current valuation and stock pricing in the public markets. In addition to the investment, the Company awarded warrants

to purchase common stock to a consulting firm who assisted in the placement of funding as follows: 333,000 warrants at \$0.50 per share, 333,000 warrants at \$0.75 per share, and 200,000 warrants at \$0.001 per share. The investor group made an additional investments of \$75,000 in December 1998 under the revised terms of the offering (shares priced at \$0.30 and warrants to acquire 0.20 shares at \$0.50 per share, 0.40 shares at \$0.75 per share, and 0.20 shares at \$1.00 per share).

MDI TRUST FUND NOTES. The company has various notes totaling approximately \$290,000 plus accrued interest due to the MDI Investors Trust, against which, at the request of certain beneficiaries of the Trust and in exchange for indemnification by those beneficiaries, MDI has paid approximately \$40,000 in the fourth quarter of 1998 and an additional \$50,000 in the first quarter of 1999 directly to the beneficiaries of the Trust. MDI will need to raise an additional \$200,000 to repay the beneficiaries plus in accrued interest. As of December 31, 1998, accrued interest is estimated at approximately \$24,000.

#### TECHNOLOGY UPDATE

Pharmaceutical Drug Discovery and Development Activities

MDI continues validation testing of its novel drug "MDI-P" targeted at the HIV/AIDS disease, in preparation of filing an Investigational New Drug Application (IND) with the US Food and Drug Administration (FDA).

In 1998, MDI initiated a series of validation testing at the Dana-Farber Cancer Institute, a Harvard Medical School teaching Affiliate and National Institute of Health (NIH) approved HIV/AIDS Testing Laboratory. These tests confirmed and extended previous research and testing which demonstrated that MDI-P is shown to be capable of killing HIV in cell cultures without mortality to the cells.

These encouraging test results led to the initiation of the following strategic pre-IND activities and resultant expenditures:

1. Signing a six-month Research Grant with the Dana-Farber Cancer Institute to further extend and confirm the anti-HIV/AIDS activity of MDI-P. (\$76,250)

In this Research, MDI-P is being analyzed for effectiveness in killing: laboratory strains of HIV-1; clinical specimens of HIV; and resistant strains of HTV-1

2. Initiation of Toxicology Analysis at Wil Research Laboratories, Ashland, Ohio. (\$225,000)

This work comprises: Acute Toxicity Study of the Oral and Intravenous administration route in rats; Acute Intravenous toxicity in dogs, including cardiovascular evaluation; 28-day intravenous toxicity in rats and dogs; and pathological evaluation.

3. Initiation of Microbiology Evaluation at Clinical Microbiology Institute, Wilsonville, Oregon. (\$56,000)

This study will demonstrate the spectrum of antibacterial and anti-fungal activity of MDI-P.

4. Initiation of Chemical Characterization study at RICERCA, Inc., Wilsonville, Ohio. (Estimated to be \$80,000)

This work will provide a comprehensive analysis on the formula of MDI-P. These studies, required by FDA for IND submission represent a substantial and ongoing commitment by the Company to progress its novel drug, MDI-P, toward eventual clinical investigation.

Over-the-counter, Cosmeceuticals Product Development Activities

In 1998 MDI expanded its technology base to position the Company for revenue producing opportunities in the less regulatory restrictive yet highly profitable fields of scar treatment, wound care and skin repair. Through technologies developed both within the Company through its wholly owned subsidiary, MDI HealthCare Systems, Inc., and outside the Company through a licensing distribution agreement with Hattori-Seishi, Ltd, Japan, MDI was able to realize the first commercial products since its inception. These products are proprietary to the Company, utilize a variety of its core technologies and position the Company for strong revenue potential in 1999 and the next millennium.

InvisiScar(TM), an innovative topical silicone gel, and Aqua-Cleanse(TM), an electrolysis technology based disinfecting cleansing pad, have enabled the Company to enter the worldwide \$3.5 Billion Skin Care market. In addition, a third product, the Beautification FaceMask(TM), enables the Company to enter the anti-aging, facial beautification market.

Research and Development Activities, Japan

In addition to its novel drug, MDI-P, and Cosmeceuticals product development and commercialization accomplishments, the Company continues its discovery and development activities for electrolysis technologies in its Tokyo, Japan based Research and Development Group. MDIs Team Japan is to identify additional applications for the Company's electrolysis based technologies, and develop appropriate technological innovations for rapid market entry. Currently, the Company is investigating several resultant product development activities which, if proven, may lead to additional revenue producing opportunities.

### JOINT VENTURE ACTIVITIES

#### Regenere, Inc.

Regenere, Inc., a subsidiary of Medical Discoveries, Inc. retained Nevada counsel to enforce its rights under the Joint Venture Agreement with Advanced BioTechnologies, Inc. to account for proceeds delivered to former officers and directors and for a declaration from the courts to its rights in the matter. In March of this year, MDI, acting on advice of counsel elected to become a party to this suit. Management does not believe that the lawsuit will affect the Company's ability to achieve its Business Plan, and that this lawsuit will not affect the ongoing activities of Medical Discoveries, Inc. The Company's consolidated Balance Sheet does not reflect any assets for this investment.

#### MDI HealthCare Systems, Inc.

In October of 1998 Medical Discoveries, Inc. formed a wholly owned subsidiary, MDI HealthCare Systems, Inc. in order to pursue commercialization of certain of it proprietary product developments in the fields of scar treatment, wound care and skin repair. The establishment of MDI-HCS as a separate corporation allowed MDI-HCS to develop a separate corporate identity consistent with the needs of the Cosmeceuticals health care industry. The Mission Statement for MDI HealthCare Systems, Inc. is the identification, exploration, validation, development and commercialization of innovative solutions for scar therapy, wound healing, and skin care and repair.

This strategy of MDI HealthCare Systems, Inc. demonstrates the Company's program of utilizing variations its proprietary technologies, intellectual property and key personnel resources both in the United States, Japan and Canada, to enter less restrictive consumer markets which offer rapid revenue producing opportunities.

#### PATENT ACTIVITY

The Company filed an additional patent with the US Patent and Trademark Office on newly developed electrolysis technology that has been developed by the Japan-based research and development team. It is believed that this patent, if issued, will provide the Company with a wide variety of additional market applications in the field of sterilization for both the medical products industry as well as non-medical applications where sterilization is a critical part of the manufacturing/production process.

ADDITIONAL FUNDING IS REQUIRED. The Company's current FDA required testing in pursuit of an eventual filing of an IDE will require additional funds estimated to be in the range of \$500,000. In addition, the Company's wholly owned subsidiary, MDI HealthCare Systems, Inc. is currently offering a Private Placement in the amount of \$2,500,000 to fund the worldwide launching of certain consumer products targeted at scar therapy, wound care and skin repair.

The funds to be raised will be used in the following areas: 1) submission of an IND Application with the FDA for its novel Anti-HIV/AIDS drug, 2) the launch of MDI-HCS, 3) payment of the MDI Trust Fund obligations, 4), the prior debts of the company, and 5) at such time as funds become available, commencement of payment of salaries to Company personnel.

At this time, the Company does not have sufficient cash to support all the required testing for the projects described above. The Company's wholly owned subsidiary, MDI-HCS, has been established to generate revenue through the sales of a variety of products targeted at scar therapy, wound care and skin repair. Management is aggressively pursuing a variety of mechanisms, both private and possibly public stock offerings in order to meet its funding requirements. Additionally, MDI is presently seeking licensing and research funds from companies and private institutions with whom MDI seeks to establish cooperative alliances.

YEAR 2000 ISSUE. The Company is aware of the issues associated with programming codes in existing computer systems as the millennium (year 2000) approaches. The Company has completed the upgrading of its design engineering software and believes, but can give no assurance, that this software is year 2000 compliant. However, the accounting and material management system is not compliant. The Company has conducted preliminary research into replacement accounting and

material management system. The Company plans to acquire and implement a new system in the third quarter 1999. If the new accounting and material management system is not implemented as planned, the Company could be adversely affected beginning in the year 2000 since many computer applications could fail.

FORWARD-LOOKING STATEMENTS. Certain matters discussed in this Annual Report are "forward-looking statements" intended to qualify for the safe harbors from liability established by Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). These forward-looking statements can generally be identified as such because the context of the statement will include words such as the Company "believes," "anticipates," "expects" or words of similar import. Similarly, statements that describe the Company's future plans, objectives or goals are also forward-looking statements. Such statements may address future events and conditions concerning, among other things, the Company's results of operations and financial condition; the consummation of acquisition and financing transactions and the effect thereof on the Company's business; capital expenditures; litigation; regulatory matters; and the Company's plans and objectives for future operations and expansion. Any such forward-looking statements would be subject to the risks and uncertainties that could cause actual results of operations, financial condition, acquisitions, financing transactions, operations, expenditures, expansion and other events to differ materially from those expressed or implied in such forward-looking statements. Any such forward-looking statements would be subject to a number of assumptions regarding, among other things, future economic, competitive and market conditions generally. Such assumptions would be based on facts and conditions as they exist at the time such statements are made as well as predictions as to future facts and conditions, the accurate prediction of which may be difficult and involve the assessment of events beyond the Company's control. Further, the Company's business is subject to a number of risks that would affect any such forward-looking statements. These risks and uncertainties include, but are not limited to, the ability of the Company to commercialize its technology; product demand and industry pricing; the ability of the Company to obtain patent protection for its technology; developments in environmental legislation and regulation; the ability of the company to obtain future financing on favorable terms; and other circumstances affecting anticipated revenues and costs. These risks and uncertainties could cause actual results of the Company to differ materially from those projected or implied by such forward-looking statements.

#### ITEM 7. FINANCIAL STATEMENTS

The financial statements are filed at the end of this report and are incorporated herein by reference.

ITEM 8. CHANGES IN AND DISAGREEMENT WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

Not applicable.

### PART III

ITEM 9. DIRECTORS, EXECUTIVE OFFICERS, PROMOTERS AND CONTROL PERSONS; COMPLIANCE WITH SECTION 16(A) OF THE EXCHANGE ACT

## DIRECTORS AND EXECUTIVE OFFICERS

The following table identifies the name, ages, and positions of all directors, officers, and persons nominated by management to become a director.

	NAME	AGE	POSITIO	N		
David	d Walker		48	Director,	Chairman of the	Board
Lee F	7. Kulas		45	Director,	President and Cl	nief
				Executive	Officer	
Dr. W	Villiam J. Novick, Jr.		66	Director,	Vice President,	Chief
				Technical	Officer	
Alvir	n Zidell		70	Director		
Neal	Desai, M.D.		50	Director		
1.001	boodi, m.b.		0 0	DILCOCOL		

All current directors are serving one-year terms and are subject to re-election at the annual meeting of shareholders. Officers are elected to serve, subject to the discretion of the Board, until their successors are appointed.

David Walker was appointed to the Board of Directors on May 2, 1996 and was appointed Chairman of the Board on May 10, 1997. He represents a group of investors who have invested in the Company in a private stock offering. He has been general manager of Sunhaven Farms in Prosser, Washington (a twelve thousand-acre agricultural operation) for twenty years. Mr. Walker has a degree in economics from Brigham Young University.

Lee F. Kulas has been President, Chief Executive Officer, and a Director since April 1997. Mr. Kulas was formerly President and CEO of BioWave Research, Inc., a development stage biotechnology corporation involved in medical sterilization. Previously, Mr. Kulas had been President, CEO and Director of ADACHI (USA), Inc., a USA based trading company engaged in developing distribution relationships, product development and acquisitions for its Japanese parent company. Prior to joining ADACHI (USA), Mr. Kulas was the founder, President and CEO of Arterial Vascular Engineering, (NASDAQ:AVEI), a start-up medical production venture located in Santa Rosa, California, which was recently acquired by Medtronic Inc. Mr. Kulas has over twenty years' experience in management, marketing, sales, business development, and start-up ventures, and has broad based experience in medical technology and business domestically and internationally.

Dr. William J. Novick, Jr. has over thirty years' experience in the pharmaceutical industry. Dr. Novick received his doctoral degree from Duke University in Physiology-Pharmacology with a minor in Biochemistry. For 23 years, Dr. Novick has held position of increasing responsibility with Hoechst-Roussel Pharmaceuticals, Inc. Prior to his retirement in 1993, Dr. Novick was Senior Director, International Products Development for ten years. He has been cited in 64 publications, where he was named as principal author in 12 of these. Additionally, Dr. Novick is named in 11 patens. Dr. Novick has lectured in various medical schools throughout the United States and Puerto Rico, and internationally in the Soviet Union, India, Italy, France, Germany, and England. Dr. Novick has also consulted on various projects and research for Johnson & Johnson, Fuji Pharmaceuticals, Forrest Labs, Roussel-UCLAF, Paris, Park Davis, Apex Pharmaceuticals, and Pfizer. In addition to his duties as the Company's Chief Technical Officer, Dr. Novick chairs the Medical Scientific Advisory Board.

Alvin Zidell has been a Director of the Company since December 1, 1993. Since February 1, 1996, Mr. Zidell has served as Interim President of the Company. Since April 1, 1989, Mr. Zidell has acted as President of AZ Healthcare Group, a company which develops and sells laser machines. Since April 1, 1992, Mr. Zidell has also acted as a vice president of Dal-Tex Recycling, a paper recycling company which employs approximately 48 people.

Neal Desai, M.D., is an internist in private practice in Burbank, California. Dr Desai is a diplomat on the American Board of Internal Medicine and is affiliated with several local hospitals in the Burbank California area. Dr. Desai has served as a Director on several hospital Boards and review committees during his medical career of 25 years. Dr. Desai brings to the Board medical expertise as the Company progresses toward human clinical trials of its technologies and resultant products.

## COMPLIANCE WITH SECTION 16(A) OF THE EXCHANGE ACT

Section 16(a) of the Securities and Exchange Act of 1934 requires the Company's executive officers and directors, and persons who beneficially own more than ten percent of the Company's stock, to file initial reports of ownership and reports of changes in ownership with the Securities and Exchange Commission. Officers, directors and greater than ten-percent owners are required by applicable regulations to furnish the Company with copies of all Section 16(a) forms that they file.

Based solely on a review of the copies of such forms furnished to the Company or written representations from certain persons, the Company believes that during the 1998 fiscal year all filing requirements applicable to its current officers and directors were complied with.

#### ITEM 10. EXECUTIVE COMPENSATION

#### EXECUTIVE COMPENSATION

The following table sets forth the annual  $\,$  compensation for services rendered by certain officers for the fiscal years indicated.

# SUMMARY COMPENSATION TABLE ANNUAL COMPENSATION

Name and Position	Year	Salary	Bonus	Other Annual Comp
Lee F. Kulas	Fiscal 98	-0-	-0-	\$120,000 (1)
President and Chief	Fiscal 97	-0-	-0-	\$90,000 (1)
Executive Officer	Fiscal 96	N/A	N/A	N/A
William Novick	Fiscal 98	-0-	-0-	\$60,000 (2)
Chief Technical	Fiscal 97	-0-	-0-	\$40,000 (2)
Officer	Fiscal 96	N/A	N/A	N/A

Marlin Toombs	Fiscal 98	-0-	-0-	\$60,000 (3)
Vice President of	Fiscal 97	-0-	-0-	\$60,000 (3)
Investor Relations	Fiscal 96	-0-	-0-	\$60,000 (3)
and Secretary				
(resigned)				

- (1) During 1997 and 1998, Mr. Kulas accrued salary of \$90,000 and \$120,000 respectively which was not paid by the company.
- (2) During 1997 and 1998, Dr. Novick accrued salary of \$40,000 and \$60,000 respectively which was not paid by the company.
- (3) During each of the years of 1996, 1997, and 1998, Mr. Toombs was given the right to exercise stock options for 60,000 shares (accruing at 5,000 shares per month) at \$1.00 per share, without the payment of the \$60,000 exercise price. He has not exercised options for any shares from the 1996 grant.

The following table sets forth all long-term compensation and all other compensation for the above-named executive officers for the fiscal years indicated.

# SUMMARY COMPENSATION TABLE CONTINUED LONG-TERM (OPTIONS/SARS) AND ALL OTHER COMPENSATION

Name and Position	Year	Options/SARS	All Other Compensation
Lee F. Kulas	Fiscal 98	2,000,000	None (1)
President and Chief	Fiscal 97	0	None
Executive Officer	Fiscal 96	N/A	None
William Novick Chief Technical Officer	Fiscal 98 Fiscal 97 Fiscal 96	200,000 150,000 N/A	None None
Marlin Toombs Vice President of Investor Relations (resigned)	Fiscal 98	0	None
	Fiscal 97	0	None
	Fiscal 96	535,000	None

(1) In addition to the options granted above to Mr. Kulas, the Company has granted Mr. Kulas an option for 600,000 shares of stock and agreed to waive the option price to compensate Mr. Kulas for expenses he incurred on behalf of the Company. Mr. Kulas exercised these options in December 1998.

## COMPENSATION OF DIRECTORS

The Company has no standard arrangements to compensate directors of the Company.

The compensation previously described for Marlin Toombs in the section captioned "Executive Compensation" includes compensation for his services as a director of the Company.

#### ITEM 11. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

## PRINCIPAL SHAREHOLDERS

The following table sets forth the holdings of Common Stock (the Company's sole class of stock) as of March 31, 1999 by (i) each person who held of record, or was known by the Company to own beneficially, more than five percent of the outstanding Common Stock of the Company, (ii) each director, (iii) each director nominee, and (iv) all directors and officers as a group. Unless otherwise indicated, all shares are owned directly. Common Stock that is "beneficially owned" includes all the Common Stock that the person has the right to acquire within 60 days of March 31, 1998, and stock for which the person has voting rights alone. The percentage ownership for any person assumes that all the stock that could be acquired by that person, by option or warrant exercise or otherwise, is in fact outstanding and that no other stockholder has exercised a similar right to acquire additional shares. The number of shares of stock in this table is 29,320,625 which includes 26,373,625 shares outstanding on March 31, 1998 plus all shares represented by options or warrants currently held by the directors listed in the table.

## BENEFICIAL OWNERS OF COMMON STOCK

David Walker Director c/o Medical Discoveries,	Inc. 91,538	0.31%
Lee Kulas Director/President c/o Medical Discoveries,	Inc. 2,600,000	8.87%
Alvin Zidell Director c/o Medical Discoveries,	Inc. 1,377,000	(1) (2) 3.54%
William Novick, Jr. Director/Vice President c/o Medical Discoveries,	Inc. 350,000	1.19%
Neal Desai, M.D. Director c/o Medical Discoveries,	Inc. 166,666	0.57%
Directors and Executive O as a Group (7 persons)	fficers 4,605,704	15.71%

- (1) Includes shares to which the shareholder has voting rights under a Stock Purchase Agreement ("SPA") with a former director of the Company. The SPA is for 2,800,000 shares purchased in 40 quarterly installments by buyers (including three individuals not on table). Each buyer receives 1/4 of shares. Shares are held by an escrow agent. Shares are released in groups of 70,000 on payment of each installment. Voting proxy for balance of shares held by escrow agent has been granted to the buyers. If buyers default any shares with the escrow agent revert to the seller and proxy for those shares is canceled.
- (2) Includes: 296,500 shares owned directly; 437,500 shares for which Mr. Zidell has voting rights under the SPA referred to in footnote (1) above; and options to purchase 373,000 shares that are currently exercisable. Excludes: all shares held by children and other relatives of Mr. Zidell, for which Mr. Zidell disclaims beneficial ownership.

#### ITEM 12. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

Not applicable.

ITEM 13. EXHIBITS AND REPORTS ON FORM 8-K
(a) Exhibits Required by Item 601 of Regulation S-B.

The following are exhibits to this Form 10-KSB:

EXHIBIT

NUMBER DESCRIPTION

NOTIDEN DECONTIT	
3.1	Articles of Incorporation, as amended June 14, 1994. (1)
3.2	Bylaws, as amended June 14, 1994. (1)
10.1	1993 Incentive Plan, effective April 1, 1993. (1) (2)
10.2	Form of Stock Option Grant under 1993 Incentive Plan. (1) (2)
10.3	Settlement Agreement, dated October 12, 1995, between Dr. Robert E. Morrow and the Company re settlement of lawsuit. (3)
10.4	Agreement, dated March 26, 1996, between Dr. Robert E. Morrow and the Company re termination of royalties. (4)
10.5	Engagement Agreement dated June 15, 1995, between Robert A. Spira and the Company re financial advisory services. (4)

- (1) These exhibits are incorporated by reference to the Company's Form 10-KSB for the fiscal year ended December 31, 1994, to which these exhibits were filed as exhibits with the same exhibit numbers as shown above.
- (2) These exhibits are management or compensatory plans, contracts or arrangements required to be filed as exhibits.
- (3) This exhibit is incorporated by reference to the Company's Form 8-K, dated October 12, 1995, to which it was originally filed as "Exhibit 10.1."
- (4) These exhibits are incorporated by reference to the Company's original filing of Form 10-KSB for the Fiscal Year ended December 31, 1995, to which these exhibits were filed as exhibits with the same exhibit numbers as shown above.

The Company has filed no 8-k reports since the previous 10KSB/a filing.

#### SIGNATURES

In accordance with Section 13 or 15 (d) of the Exchange Act, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Medical Discoveries, Inc.

/s/ Lee Kulas
----Lee Kulas, President

Date: April 16, 1999

In accordance with the Exchange Act, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Signatures Capacity in Which Signed Date

/s/ Scott Wood Chief Financial Officer April 16, 1999

Scott Wood

MEDICAL DISCOVERIES, INC. Consolidated Financial Statements December 31, 1998 and 1997

INDEPENDENT AUDITORS' REPORT

To the Board of Directors and Stockholders of Medical Discoveries, Inc.

We have audited the accompanying consolidated balance sheet of Medical Discoveries, Inc. and Subsidiary, (a development stage company) as of December 31, 1998 and 1997, and the related statements of operations, stockholders' deficit and cash flows for the two years ended December 31, 1998 and cumulative amounts since inception. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

We conducted our audits in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Medical Discoveries, Inc. and Subsidiary, (a development stage company) as of December 31, 1998 and 1997, and the results of their operations and their cash flows for the two years then ended and cumulative amounts since inception in conformity with generally accepted accounting principles.

The accompanying consolidated financial statements have been prepared assuming that the Company will continue as a going concern. As discussed in note 2, the Company's significant losses, lack of significant revenue and a stockholders' deficit raise substantial doubt about its ability to continue as a going concern. Management's plans in regard to these matters are also described in note 2. The consolidated financial statements do not include any adjustments that might result from the outcome of this uncertainty.

Salt Lake City, Utah March 6, 1999

<TABLE> <CAPTION>

</TABLE> <TABLE> <CAPTION> MEDICAL DISCOVERIES, INC. and SUBSIDIARY
(A Development Stage Company)
Consolidated Balance Sheet

Rasets   S				December 31,
Cash			1998	1997
Cash   S		<0	>	<c></c>
Accounts receivable Inventory 156,225 - 30,586 Prepaid expenses 10,973 10,986  Total current assets 256,761 42,219  Total current assets 256,761 42,219  Furniture and equipment 108,521 72,304  Less accumulated depreciation (39,610) (23,507)  Net furniture and equipment 66,911 48,797  Other assets 5 327,081 \$ 94,176  Liabilities and Stockholders' Deficit  Current liabilities: Accounts payable 5 1,368,392 \$ 916,734  Accounts payable 5 75,154 14,360  Current maturities of notes payable 191,717 102,591  Current maturities of convertible notes payable 250,983 291,700  Total current liabilities 1,886,246 1,325,385  Commitments and contingencies 1,886,246 1,325,385  Commitments and contingencies 5 1,866,250 6,507,317  Accumulated deficit (2,590,297 shares issued and outstanding in 1998 and 1997, respectively 9,661,250 6,507,317  Accumulated deficit (1,559,165) (1,231,209)  Total stockholders' deficit (1,559,165) (1,231,209)				107
Timentory	Cash	\$	84,847	\$ 764
Current portion of note receivable - related party   - 30,586				
### Prepaid expenses   10,973   10,869    Total current assets   256,761   42,219    Furniture and equipment   108,521   72,304    Less accumulated depreciation   (39,610)   (23,507)    Net furniture and equipment   68,911   48,797    Other assets   5 327,081 \$ 94,176    Liabilities and Stockholders' Deficit  Current liabilities:   Accounts payable   75,154   14,860    Current maturities of notes payable   191,717   102,791    Current maturities of convertible notes payable   250,983   291,700    Total current liabilities   1,886,246   1,325,385    Commitments and contingencies			158,225	
Total current assets 256,761 42,219  Furniture and equipment 108,521 72,304 Less accumulated depreciation (39,610) (23,507)  Net furniture and equipment 68,911 48,797 Other assets 1,409 3,160  Total assets \$ 327,081 \$ 94,176   Liabilities and Stockholders' Deficit  Current liabilities: Accounts payable \$ 1,368,392 \$ 916,734 Accrued expenses 75,154 14,360 Current maturities of notes payable 191,717 102,591 Current maturities of convertible notes payable 250,983 291,700  Total current liabilities 1,886,246 1,325,385  Commitments and contingencies 1,886,246 1,325,385 Stockholders' deficit: Common stock - no par value, authorized 100,000,000 shares, 26,373,625 shares and 22,970,297 shares issued and outstanding in 1998 and 1997, respectively 9,661,250 6,507,317 Accumulated deficit (11,107,915) (7,626,026) Subscription receivables (112,500) (112,500)  Total stockholders' deficit (1,559,165) (1,231,209)		ed party	10 073	30,586
Furniture and equipment Less accumulated depreciation  Net furniture and equipment  Net furniture and equipment  Total assets  Sazz,081 5 94,176  Liabilities and Stockholders' Deficit  Current liabilities: Accounts payable Accrued expenses Current maturities of notes payable Current maturities of convertible notes payable Total current liabilities  Total current liabilities  Total current liabilities  Total current liabilities  Total current maturities of convertible notes payable  Total current liabilities  Total current liabilities  1,886,246  1,325,385  200mmitments and contingencies  Stockholders' deficit:  Common stock - no par value, authorized 100,000,000 shares, 26,373,625  Shares and 22,970,297 shares issued and outstanding in 1998 and 1997, respectively Accumulated deficit Subscription receivables  Total stockholders' deficit  (11,107,915) (7,626,026) (112,500)  Total stockholders' deficit  (1,559,165) (1,231,209)	rrepaid expenses			10,869
Liabilities and Stockholders' Deficit  Current liabilities: Accounts payable Current maturities of notes payable Total current liabilities  Total current liabilities  Accounts payable Total current liabilities  Total current liabilities  Total current liabilities  Accounts payable Total current liabilities  Total current maturities of notes payable Total current liabilities  Total stockholders' deficit  Total stockholders' deficit	Total current assets			
Less accumulated depreciation (39,610) (23,507)  Net furniture and equipment 68,911 48,797 1,409 3,160  Total assets \$ 327,081 \$ 94,176  Liabilities and Stockholders' Deficit  Current liabilities: Accounts payable \$ 1,368,392 \$ 916,734 Accrued expenses 75,154 14,360 Current maturities of notes payable 191,717 102,591 Current maturities of convertible notes payable 250,983 291,700  Total current liabilities 1,886,246 1,325,385  Commitments and contingencies Stockholders' deficit: Common stock - no par value, authorized 100,000,000 shares, 26,373,625 shares and 22,970,297 shares issued and outstanding in 1998 and 1997, respectively 9,661,250 6,507,317 Accumulated deficit (11,107,915) (7,626,026) Subscription receivables (112,500) (112,500)  Total stockholders' deficit (1,559,165) (1,231,209)  **Total stockholders' deficit (1,559,165) (1,231,209)  **Total stockholders' deficit (1,559,165) (1,231,209)	Duncibuur and aminorat		100 501	72 204
Net furniture and equipment   68,911   48,779   1,409   3,160				
Total assets \$ 1,409 3,160  Total assets \$ 327,081 \$ 94,176  Liabilities and Stockholders' Deficit  Current liabilities: Accounts payable \$ 1,368,392 \$ 916,734 Accrumed expenses 75,154 14,360 Current maturities of notes payable 191,717 102,591 Current maturities of convertible notes payable 250,983 291,700  Total current liabilities 1,886,246 1,325,385  Commitments and contingencies 1,886,246 1,325,385  Commitments and contingencies Stockholders' deficit Common stock - no par value, authorized 100,000,000 shares, 26,373,625	Less accumulated deplectation		(39,610)	(23,307)
Total assets   \$ 327,081 \$ 94,176	Net furniture and equipment		68,911	48,797
Liabilities and Stockholders' Deficit  Current liabilities:     Accounts payable \$ 1,368,392 \$ 916,734 Accrued expenses 75,154 14,360 Current maturities of notes payable 191,717 102,591 Current maturities of convertible notes payable 250,983 291,700  Total current liabilities 1,886,246 1,325,385  Commitments and contingencies 1,886,246 1,325,385  Common stock - no par value, authorized 100,000,000 shares, 26,373,625 shares and 22,970,297 shares issued and outstanding in 1998 and 1997, respectively 9,661,250 6,507,317 Accumulated deficit (11,107,915) (7,626,026) Subscription receivables (112,500) (112,500)  Total stockholders' deficit (1,559,165) (1,231,209)	Other assets			
Liabilities and Stockholders' Deficit  Current liabilities:     Accounts payable     Accrued expenses     Current maturities of notes payable     Current maturities of convertible notes payable     Total current liabilities  Common total current liabilities  Common stock - no par value, authorized 100,000,000 shares, 26,373,625     shares and 22,970,297 shares issued     and outstanding in 1998 and 1997, respectively Accumulated deficit  Subscription receivables  Total stockholders' deficit  (1,559,165)  Total stockholders' deficit  (1,559,165)  (1,231,209)	Total assets			
Liabilities and Stockholders' Deficit  Current liabilities:     Accounts payable				
Current maturities of notes payable Current maturities of convertible notes payable  Total current liabilities  Total current liabilities  Total current liabilities  1,886,246  1,325,385  Commitments and contingencies  Stockholders' deficit:  Common stock - no par value, authorized 100,000,000 shares, 26,373,625  shares and 22,970,297 shares issued and outstanding in 1998 and 1997, respectively Accumulated deficit  Subscription receivables  Total stockholders' deficit  (1,107,915) (1,231,209)  Total stockholders' deficit  (1,559,165) (1,231,209)  \$ 327,081 \$ 94,176	Accounts payable	\$		
Current maturities of convertible notes payable 250,983 291,700  Total current liabilities 1,886,246 1,325,385  Commitments and contingencies	<del>-</del>		101 717	100 501
Commitments and contingencies			250,983	291,700
Stockholders' deficit:  Common stock - no par value, authorized 100,000,000 shares, 26,373,625  shares and 22,970,297 shares issued and outstanding in 1998 and 1997, respectively Accumulated deficit Subscription receivables  Total stockholders' deficit  (1,559,165)  (1,231,209)  \$ 327,081 \$ 94,176	Total current liabilities			
shares and 22,970,297 shares issued and outstanding in 1998 and 1997, respectively Accumulated deficit Subscription receivables  Total stockholders' deficit  \$ 327,081 \$ 94,176			-	-
and outstanding in 1998 and 1997, respectively Accumulated deficit Subscription receivables  Total stockholders' deficit  \$ 327,081 \$ 94,176		100,000,000 shares, 26,3	73,625	
Accumulated deficit (11,107,915) (7,626,026) Subscription receivables (112,500) (112,500)  Total stockholders' deficit (1,559,165) (1,231,209)  \$ 327,081 \$ 94,176		cively	9,661,250	6,507,317
Total stockholders' deficit (1,559,165) (1,231,209)	Accumulated deficit	_	(11,107,915)	(7,626,026)
\$ 327,081 \$ 94,176	Subscription receivables		(112,500)	(112,500)
	Total stockholders' deficit			
		\$		
	c/map.res			1

MEDICAL DISCOVERIES, INC. and SUBSIDIARY
(A Development Stage Company)
Consolidated Statement of Operations

Since November 20, Years Ended December 31, 1991 (Date of

	,	Years Ended December 31,				
		1998 	1997	Inception)		
<\$>	<c></c>		<c></c>	<c></c>		
Revenues Product revenue and fees Interest	\$	18,409 2,515	\$ - 5,829	\$ 126,609 23,406		
Total revenue			5,829	150,015		
Expenses Cost of sales License Research and development General and administrative Interest		7,750 - 415,415 3,028,063 51,585	149,820	7,750 1,001,500 2,272,291 7,617,520 194,828		
Total expenses			837,591	11,093,889		
Loss before income taxes and extraordinary item		(3,481,889)	(831,762)	(10,943,874)		
Income taxes		-	-	-		
Forgiveness of debt net of \$-0-, income taxes		-	-	1,235,536		
Net loss	\$	(3,481,889)	\$ (831,762)	(9,708,338)		
Gain loss per share Continuing operations Extraordinary item	\$	-	.00	) \$ (.58) .06		
Net loss per share	\$	(.14)	\$ (.04)	) \$ (.52)		

See accompanying notes to consolidated financial statements

</TABLE> <TABLE>

<TABLE> <CAPTION>

MEDICAL DISCOVERIES, INC. and SUBSIDIARY
(A Development Stage Company)
Consolidated Stement of Stockholders Deficit

	Common S	Stock		Accumu- lated			
	Shares	An	nount	Deficit	Receivables		Total
<s> Balance, October 31, 1991</s>				<c> \$ (1,482,514)</c>			C> (1,229,517)
Reverse stock split (1 for 2)	(1,750,000)		-	-	-	-	-
Restatement for reverse acquisition of WPI Pharmaceutical, Inc. by Medical Discoveries, Inc.	-		(252,997)	252 <b>,</b> 997	-	-	-
Shares issued in merger of WPI Pharmaceutical and Medical Discoveries, Inc.	10,000,000		135,000	(170,060)		-	(35,060)
Balance at November 20, 1991 (Date of Inception)	11,750,000		135,000	(1,399,577)	-	-	(1,264,577)
Common stock issued for cash	200,000		100,000	-	-	-	100,000

Common stock issued for services	500,000	250,000	-	-	250,000
Common stock issued for cash	40,000	60,000	-	-	60,000
Net loss October 31, 1992	-	-	(370,398)	-	(370,398)
Balance, October 31, 1992	12,490,000	545,000	(1,769,975)	-	(1,224,975)
Net loss two months ended December 31, 1992	-	_	(65,140)	-	(65,140)
Balance, December 31, 1992	12,490,000	545,000	(1,835,115)	-	(1,290,115)
Common stock issued for license	2,000,000	1,000,000	-	-	1,000,000
Common stock issued for cash	542,917	528,500	-	-	528,500

See accompanying notes to consolidated financial statements.

3

</TABLE> <TABLE> <CAPTION>

MEDICAL DISCOVERIES, INC. and SUBSIDIARY

(A Development Stage Company)

Consolidated Stement of Stockholders Deficit

Consolidated Stement of Stockholders Deficit
Continued

	Common Stock		Accumu- lated	Sub- scription	
	Shares		Deficit		Total
<s> Common stock issued for services</s>		<c> 127,900</c>	<c></c>		<c> 127,900</c>
Common stock issued for \$100,000 cash plus services	800,000	400,000	-	-	400,000
Net loss		-	(2,271,999)		(2,271,999)
Balance, December 31, 1993	16,084,367	2,601,400	(4,107,114)	-	(1,505,714)
Common stock issued for cash	617,237	739 <b>,</b> 500	-	-	739 <b>,</b> 500
Common stock issued for services	239,675	239,675	-	-	239,675
Cash contributed	-	102,964		-	102,964
Net loss	_	-	(1,223,162)	_	(1,223,162)
Balance, December 31, 1994	16,941,279	3,683,539	(5,330,276)	-	(1,646,737)
Common stock issued for cash	424,732	283,200	-	-	283,200
Common stock issued for services	4,333,547	1,683,846	-	(584,860)	1,098,986
Common stock option issued to satisfy debt restructuring	-	20,000	-	-	20,000
Net loss	_	-	(1,007,522)	_	(1,007,522)
Balance, December 31, 1995	21,699,558	5,670,585	(6,337,798)	(584,860)	(1,252,073)
Common stock issued for cash	962,868	635,000	-	(60,000)	575 <b>,</b> 000

See accompanying notes to consolidated financial statements.

</TABLE> <TABLE> <CAPTION>

MEDICAL DISCOVERIES, INC. and SUBSIDIARY (A Development Stage Company) Consolidated Stement of Stockholders Deficit Continued

	Common Stock		Accumu- lated		
				Receivables	Total
<s></s>	<c></c>			<c></c>	<c></c>
Common stock issued for services	156,539	101,550	-	-	101,550
Common stock canceled	(1,400,000)	(472,360)	-	472,360	-
Common stock issued in settlement of obligations	239,458	186,958	-	-	186,958
Net loss	-	-	(456, 466)	-	(456,466)
Balance, December 31, 1996	21,658,423	6,121,733	(6,794,264)	(172,500)	(845,031)
Common stock issued for services and interest	12,500	3,625	-	-	3,625
Common stock issued for cash	311,538	135,000	-	60,000	195,000
Common stock issued in settlement of contract	800,000	200,000	-	-	200,000
Common stock issued from exercise of options	87 <b>,</b> 836	21,959	-	-	21,959
Common stock issued for conversion of notes payable	100,000	25,000	-	-	25,000
Net loss		_	(831,762)	_	(831,762)
Balance, December 31, 1997	22,970,297	6,507,317	(7,626,026)	(112,500)	(1,231,209)
Common stock issued for cash	2,236,928	650,000	-	-	650,000
Common stock issued for debt	283,400	56,680	-	-	56,680

See accompanying notes to consolidated financial statements.

<TABLE> <CAPTION>

</TABLE>

 ${\tt MEDICAL\ DISCOVERIES,\ INC.\ and\ SUBSIDIARY}$ (A Development Stage Company) Consolidated Stement of Stockholders Deficit Continued

5

	Common Stock		Accumu- Sub- lated scription		
-	Shares	Amount	Deficit	Receivables	Total
<s> Common stock options issued for services</s>	<c> -</c>	<c> 2,336,303</c>	<c></c>	<c> -</c>	<c> 2,336,303</c>
Common stock issued for services	683,000	110,750	-	-	110,750
Common stock issued from exercise of warrants	200,000	200	-	-	200
Net loss	-	-	(3,481,889)	-	(3,481,889)

\_\_\_\_\_

See accompanying notes to consolidated financial statements.

</TABLE> <TABLE> <CAPTION> 6

MEDICAL DISCOVERIES, INC. and SUBSIDIARY (A Development Stage Company) Consolidated Statement of Cash Flows

Cumulative

			cember 31,	Amounts since November 20, 1991 (Date of
		1998	1997	Inception)
<\$>	<c></c>		<c></c>	<c></c>
Cash flows from operating activities:				
Net loss Adjustments to reconcile net loss to net cash used in operating activities: Common stock options issued for	Ş	(3,481,889)	\$ (831,762)	\$ (9,708,338)
services Common stock issued for services,		2,336,303	-	2,336,303
license, and litigation		110,750	203,625	3,529,986
Reduction of legal costs		-		
Depreciation Loss on disposal of property and		16,103		
equipment		-	/	30,364
Gain on debt restructuring		-		(-,,
Write-off of receivables		(2 <b>,</b> 716)	-	193,965
Increase in receivables		(104)	-	(10,245)
Increase in inventory Increase in prepaid		(158, 225)	-	(158,225)
expenses			(90)	
(Increase) decrease in other assets Increase (decrease) in:		1,751		
Accounts payable		451 <b>,</b> 658	246,568	1,212,483
Accrued expenses		60 <b>,</b> 794	(11,679)	96,635
Net cash used in		/CCE	/262 060)	(2.012.001)
operating activities			(363,968)	(3,813,921)
Cash flows from investing activities:				
Purchase of property and equipment			(22,107)	(132,184)
Payments received on note receivable		30 <b>,</b> 586		130,000
Net cash provided by (used in)				
investing activities		(5,631)	24,678	(2,184)
Cash flows from financing activities:				
Payments of convertible notes payable		(40,717)	_	(40,717)
Increase in notes payable		145,806		
Payments of notes payable			(3,212)	
Increase in convertible note payable		_	(3,212)	
Contributed equity		_	_	131,374
Common stock issued for cash		650,200		3,253,359
Net cash provided by	<b>_</b>	·	·	·
financing activities		755 <b>,</b> 289		3,900,952
				7

See accompanying notes to consolidated financial statements.

</TABLE>

<TABLE>

<CAPTION>

MEDICAL DISCOVERIES, INC. and SUBSIDIARY (A Development Stage Company) Consolidated Statement of Cash Flows Continued

Cumulative
Amounts
since
November 20,

Years Ended December 31.

	rears Ended December 31,			1991	1991 (Date OI	
		L998	1997	 Ince	eption)	
S> et (decrease) increase in cash	<c></c>	84,083	<c> (24,5</c>	<c></c>	84,847	
ash, beginning of period		764	25,3	307	-	
ash, end of period	\$	84,847	\$ 5	764 \$	84,847	

</TABLE>

Supplemental disclosure of non-cash investing and financing activities:

In 1998, the Company converted \$56,680 of obligations into 283,400 shares of common stock.

In 1997, the Company converted a \$25,000 note into 100,000 shares of common stock.

In 1996, the Company issued common stock for settlement of accounts payable totaling \$89,458.

In 1995, the Company acquired  $\,$  furniture and equipment with a cost of \$8,161 for notes payable.

- ------

See accompanying notes to consolidated financial statements.

8

MEDICAL DISCOVERIES, INC. and SUBSIDIARY

(A Development Stage Company)

Consolidated Statement of Cash Flows

Continued

Continued

Actual amounts paid for interest and income taxes are as follows:

Amounts since
November 20,
1991 (Date of
1998 1997 Inception)

Interest \$ 21,816 \$ 36,806 \$ 58,858

Income taxes \$ - \$ - \$ -

\_ -----

See accompanying notes to consolidated financial statements.

9

MEDICAL DISCOVERIES, INC. and SUBSIDIARY
(A Development Stage Company)
Notes to Consolidated Financial Statements

Cumulative

#### 1. Summary of Significant Accounting Policies

#### Organization and Presentation

Medical Discoveries, Inc. (the Company) was organized under the laws of the state of Utah on November 20, 1991, date of inception. On August 6, 1992, the Company entered into an agreement whereby the shareholders of the Company exchanged 100 percent of their common stock for 10,000,000 shares of common stock of WPI Pharmaceutical, Inc. (WPI). The WPI shareholders had 1,750,000 shares following a reverse stock split of one share for two shares. At the time of the transaction the name of WPI was changed to Medical Discoveries, Inc. (MDI). Inasmuch as the 10,000,000 shares of common stock are in excess of 80 percent of the total outstanding common stock of WPI, the transaction is accounted for as a reverse acquisition. The Company is, therefore, deemed to have acquired WPI. At the time of the merger the entity previously known as Medical Discoveries, Inc., ceased. The development stage commenced on November 20, 1991 which is the date of the inception of MDI.

On October 22, 1998 the Company formed a wholly-owned subsidiary MDI HealthCare Systems, Inc. (MDIHC). The financial statements reflect MDI for all periods presented and MDIHC since October 22, 1998. All material intercompany transactions have been eliminated.

The Company has not generated any significant revenue and is, therefore, considered a development stage company as defined in SFAS No. 7. The Company has, at the present time, not paid any dividends and any dividends that may be paid in the future will depend upon the financial requirements of the Company and other relevant factors.

#### Cash and Cash Equivalents

For purposes of the statement of cash flows, the Company considers all highly liquid debt instruments with a maturity of three months or less to be cash equivalents.

#### Inventory

Inventory is recorded at cost on the first in first out (FIFO) method.

#### Furniture and Equipment

Furniture and equipment are carried at cost. Depreciation is computed using the straight-line method over 3 to 7 years. When assets are retired or otherwise disposed of, the cost and related accumulated depreciation are removed from the accounts, and any resulting gain or loss is recognized in income for the period. The cost of maintenance and repairs is charged to income as incurred; significant renewals and betterments are capitalized. Deduction is made for retirements resulting from renewals or betterments.

\_ \_\_\_\_\_\_

10

MEDICAL DISCOVERIES, INC. and SUBSIDIARY

(A Development Stage Company)

Notes to Consolidated Financial Statements

Continued

- -----

# 1. Summary of Significant Accounting Policies Continued

## Income (Loss) Per Common Share

Income (loss) per share of common stock is calculated based on the weighted average number of shares outstanding during the periods. Common stock equivalents and stock options have not been included as they are antidilutive.

#### Business and Concentration of Credit

The primary purpose of the business is the research and development of the sterilization of medical equipment and an anti-viral treatment for infectious diseases. The Company has no significant revenues and, therefore, no significant trade receivables or extensions of credit.

## Fair Value of Financial Instruments

The fair value of financial instruments is determined by reference to various market data and other valuation techniques as appropriate. Financial instruments subject to possible material market variations from the recorded book value are notes payable to related parties and advances from related parties. There are no material differences in these financial instruments from the recorded book value

#### Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

#### Reclassifications

Certain amounts in the 1997 financial statements have been reclassified in order to conform to the 1998 presentation.

#### 2. Going Concern

The accompanying financial statements have been prepared assuming that the Company will continue as a going concern. The Company has not had significant revenues and is still in the process of developing antiviral treatments for infectious diseases, skin cleansing products and the sterilization of medical equipment. The Company is hopeful but there is no assurance that the current product development and research will be economically viable. The Company has incurred substantial losses in the development of the product.

\_ ------

11

MEDICAL DISCOVERIES, INC. and SUBSIDIARY

(A Development Stage Company)

Notes to Consolidated Financial Statements

Continued

\_\_\_\_\_\_

#### 2. Going Concern Continued

The Company is dependent upon the sale of its common stock to satisfy its current cash operating needs. The Company is also looking into the possibility of licensing its technology to an outside unrelated party. Although, management has been successful thus far in raising the needed capital there can be no assurance that the Company and its management will be able to continue to sell sufficient amounts of common stock or enter into license agreements to bring the current product development to a point where it is economically viable. Management intends to meet its cash needs through the issuance of additional shares of common stock, sales of product from its technology and licensing its technology.

### 3. Note Receivable Related Party

In 1995, the Company entered into an agreement to recover costs which had been expended in a dispute with a former officer. The Company received a 0% interest rate note in the amount of \$150,000. The note was discounted to \$130,000 to realize a 9.5% return for financial statements. The note requires quarterly payments of \$13,125. The note had a balance of \$30,586 at December 31, 1997 and was paid in full during 1998.

- ------

12

MEDICAL DISCOVERIES, INC. and SUBSIDIARY
(A Development Stage Company)
Notes to Consolidated Financial Statements
Continued

- ------

#### 4. Notes Payable

	1998		1997	
Notes payable to shareholders which are currently due and in default. Interest is at 12%. The notes are unsecured	\$	101,000\$	101,000	
Notes payable to officer of the Company which are due on demand. Interest is at 12%. The notes are unsecured		90,717	-	
Note payable to a company requiring monthly payments of \$260 including interest at an implied rate of 9% secured by equipment			1,591	
	\$	191,717\$	102 <b>,</b> 591	

#### 5. Convertiblec Notes Payable

The Company has \$291,700 at December 31, 1998 and 1997 of notes payable to a trust. The notes have an interest rate of 12%, have a term of three years and are due in 1998. Each \$1,000 note is convertible into 667 shares of the Company's common stock.

- ------

13

MEDICAL DISCOVERIES, INC. and SUBSIDIARY
(A Development Stage Company)
Notes to Consolidated Financial Statements
Continued

\_\_\_\_\_\_

# 5. Convertible Notes Payable Continued

During 1998, the Company made payments directly to certain beneficiaries of the Trust. Those payments aggregate \$40,717 during 1998 and have been presented in the consolidated financial statements as a reduction of the convertible notes payable.

## 6. Related Party Transactions

During 1997, the Company settled allegations made by a former officer of the Company where in the Company issued 800,000 shares of the Company's common stock to settle the allegations. (see Note 12).

At December 31, 1998 and 1997, the Company had accounts payable to officers and directors totaling \$766,750 and \$218,500 for services performed and cost incurred in behalf of the Company, respectively.

#### 7. Income Taxes

The provision for income taxes for the years ended December 31, 1998 and 1997, is different than amounts which would be provided by applying the statutory federal income tax rate to income before provision for income taxes for the following reasons:

Cumulative Amounts Since November 20, 1991 (Date of

Year Ended December 31,

1998 1997 Inception)

Federal income tax benefit at statutory rate Change in valuation allowance

\$		-	\$		-	\$	-
	(1,184,00	0)	 (	274,00	00)	 (3,260,	000)
\$	1,184,00	0	\$	274,00	00	\$ 3,260,	000

\_ \_\_\_\_\_\_\_

1.4

MEDICAL DISCOVERIES, INC. and SUBSIDIARY

(A Development Stage Company)

Notes to Consolidated Financial Statements

Continued

- -----

## 7. Income Taxes Continued

The net timing differences for deferred income tax assets are as follows:

	 1998	1997
Net operating loss carryforward Stock options Accrued compensation Valuation allowance	\$ 2,290,000 794,000 261,000 (3,345,000)	\$ 2,086,000 - 75,000 (2,161,000)
Net deferred tax asset	\$ -	\$ -

Inasmuch as it is not possible to determine when or if the net operating losses will be utilized, a valuation allowance has been established to offset the benefit of the utilization of the net operating losses.

The Company has available net operating losses of approximately \$6,735,000 which can be utilized to offset future earnings of the Company. The Company also has available approximately \$80,000 in research and development credits which expire in 2008. The utilization of the net operating losses and research and development credits are dependent upon the tax laws in effect at the time such losses can be utilized. The losses expire between the years 2007 and 2012. Should the Company experience a change of ownership the utilization of net operating losses could be reduced.

## 8. Gain on Debt Forgiveness

At December 31, 1994, the Company was involved in litigation regarding notes payable of \$900,000 and corresponding related accrued interest. In 1995, the litigation was partially resolved and the Company was relieved of \$250,000 principal portion of its obligation on the notes payable and accrued interest. In March 1996, the Company was notified that it had been released from all obligations relating to the debt and related accrued interest. To resolve the litigation including repayment of the advances payable of \$284,230, the Company agreed to issue options to a former officer to purchase 100,000 shares of Company stock at \$.25 per share. The Company did not accrue interest for the notes payable in 1995 as its contention that it was not liable was up held and the \$900,000 of notes payable and accrued interest of \$71,306 were written off as an extraordinary gain on debt forgiveness in 1995 and 1996. The gain on the debt forgiveness in 1996 was \$673,486 with the aggregate gain totaling \$1,235,536.

\_ \_\_\_\_\_\_

## 9. Stock Options

The Company has an incentive stock option plan wherein 4,000,000 shares of the Company's common stock can be issued. The Company has granted stock options and warrants to certain officers and shareholders of the Company to purchase shares of the Company's common stock. A schedule of the options and warrants is as follows:

	Number of Warrants and Options	Option Price
Outstanding at January 1, 1997 Granted Exercised Expired	6,075,000 (87,836)	\$ .25 to 3.00 \$ .25 to 5.00 \$ .25 \$ .25 to 1.00
Outstanding at December 31, 1997 Granted Exercised Expired	(1,166,400	\$ .15 to .75 \$ .20 to .25 \$ .25 to 5.00
Outstanding at December 31, 1998	9,437,559	\$ .15 to 3.00

16

MEDICAL DISCOVERIES, INC. and SUBSIDIARY

(A Development Stage Company)

Notes to Consolidated Financial Statements

Continued

\_ ------

#### 9. Stock Options Continued

In October 1995, the Financial Accounting Standards Board issued Statement of financial Accounting Standards No. 123, "Accounting for Stock-Based Compensation" (FAS 123) which established financial accounting and reporting standards for stock-based compensation. The new standard defines a fair value method of accounting for an employee stock option or similar equity instrument. This statement gives entities the choice between adopting the fair value method or continuing to use the intrinsic value method under Accounting Principles Board (APB) Opinion No. 25 with footnote disclosures of the pro forma effects if the fair value method had been adopted. The Corporation has opted for the latter approach. Had compensation expense for the Corporation's stock option plan been determined based on the fair value at the grant date for awards in 1997 and 1996 consistent with the provisions of FAS No. 123, the Corporation's results of operations would have been reduced to the pro forma amounts indicated below:

	December 31,				
		1998		1997	
Net loss - as reported	\$	(3,481,889)	\$	(831,762)	
Net loss - pro forma	\$	(4,236,225)	\$	(2,600,339)	
Loss per share - as reported	\$	(.14)	\$	(.04)	
Loss per share - pro forma	\$	(.17)	\$	(.12)	

The fair value of each option  $\ \,$  grant is estimated at the date of grant using the Black-Scholes option pricing model with the following assumptions:

#### December 31,

	 1998	 1997
Expected dividend yield	\$ -	\$ -
Expected stock price volatility	142.2%	142.5%
Risk-free interest rate	5.0%	5.5%
Expected life of options	 10 years	 3-10 years

The weighted average fair value of options granted during 1998 and 1997 are \$.52 and \$.30, respectively.

17

MEDICAL DISCOVERIES, INC. and SUBSIDIARY
(A Development Stage Company)
Notes to Consolidated Financial Statements
Continued

- ------

#### 9. Stock Options Continued

The following table summarized information about fixed stock options outstanding at December 31, 1998:

	Opt	ions Outstandi	Options Ex	ercisable	
Range of Exercise Prices	Number Outstanding at 12/31/98	Weighted Average Remaining Contractual Life (Years)	Weighted Average Exercise Price	Number Exercisable at 12/31/98	Weighted Average Exercise Price
\$.15 to .25 .50 to 1.00 3.00	3,398,000 3,446,341 2,593,218	2.4 \$ 1.0 0.3	.26 .79 3.00	3,398,000 \$ 3,446,341 2,593,218	.26 .79 3.00
\$.15 to 3.00	9,437,559	0.78 \$	1.20	9,437,559 \$	1.20

## 10. Loss Per Share

In February 1997, the Financial Accounting Standards Board issued Statement of Financial Accounting Standards No. 128 (SFAS 128) "Earnings Per Share," which requires companies to present basic earnings per share (EPS) and diluted earnings per share, instead of the primary and fully diluted EPS that was previously required. The new standard also requires additional informational disclosures, and makes certain modifications to the previously applicable EPS calculations defined in Accounting Principles Board No. 15. The new standard is required to be adopted by all public companies for reporting periods ending after December 15, 1997, and requires restatement of EPS for all prior periods reported. During the year ended December 31, 1997, the Company adopted this standard.

------

- ------

# 10. Loss Per Share Continued

Loss per share information in accordance with SFAS 128 is as follows:

		T		D Ch
		Loss (Numerator)	Shares (Denominator)	
Net loss Less preferred stock dividends	\$	(3,481,889)		
Basic EPS Loss available to common stockholders		(3,481,889)	24,283,000	\$ (.14)
Effect of Dilutive Securities Stock options				
Diluted EPS Loss available to common stockholders plus assumed conversions	ć	/2 /01 000\	24,283,000	¢ (14)
conversions	ې 	(3,481,889)		\$ (.14)
	Year Ended December 31, 1997Loss Shares Per-Share			
			(Denominator)	
Net loss Less preferred stock dividends	\$	(831,762)		
Basic EPS Loss available to common stockholders		(831,762)	22,206,000	\$ (.04)
Effect of Dilutive Securities Stock options		-	-	
Diluted EPS Loss available to common stockholders plus assumed				
conversions	\$	(831,762)	22,206,000	\$ (.04)

19

MEDICAL DISCOVERIES, INC. and SUBSIDIARY
(A Development Stage Company)
Notes to Consolidated Financial Statements
Continued

- ------

10. Loss Per Share Continued

Cumulative Amounts Since November 20, 1991

Loss Shares Per-Share

	(N	umerator)	(Denominator)	Amount	
Net loss Less preferred stock dividends	\$	(9,708,338)			
Basic EPS Loss available to common stockholders		(9,708,338)	18,817,000	\$ (.52)	
Effect of Dilutive Securities Stock options		-	-		
Diluted EPS Loss available to common stockholders plus assumed conversions	\$	(9,708,338)	18,817,000	\$ (.52)	

#### 11. Commitments

The Company leases its office facility and previous office facility under operating leases The leases require monthly payments of \$900 through April 2000.

Approximate future commitments under these leases are as follows:

Year	Amount	
1999 2000	\$ 10,800 3,600	
	\$  14,400	

Annual rent expense totaled approximately \$10,000 for the years ended December 31, 1998 and 1997.

- -----

20

MEDICAL DISCOVERIES, INC. and SUBSIDIARY
(A Development Stage Company)
Notes to Consolidated Financial Statements
Continued

- -----

#### 12. Settlement of Contract

The Company in 1995, engaged an entity to raise capital. As part of the agreement the Company issued shares of its stock to the entity, placed an officer of the other entity on the Company's Board of Directors and appointed another individual related to the entity to be the Company's Chief Financial Officer. In 1996, both individuals resigned from their positions with the Company and have made numerous allegations. The Company is in discussion with the entity and these individuals to determine the extent and validity of these allegations. The Company has canceled 1,400,000 shares of the common stock issued as a fee to raise capital. The corresponding subscription receivable was also canceled. The Company, in 1997, resolved the dispute with the former officer and issued 800,000 shares of the Company's common stock in full satisfaction.

### 13. Recently Issued Accounting Statements

In June 1998, the FASB issued SFAS No. 133, "Accounting for Derivative Instruments and Hedging Activities." This statement establishes accounting and reporting standards for derivative instruments and requires recognition of all derivatives as assets or liabilities in the statement of financial position and measurement of those instruments at fair value. The statement is effective for fiscal years beginning after June 15, 1999. The Company believes that the adoption of SFAS 133 will not have any material effect on the financial statements of the Company.

\_ \_\_\_\_\_

<ARTICLE> 5

<LEGEND>

THIS SCHEDULE CONTAINS SUMMARY FINANCIAL INFORMATION EXTRACTED FROM MEDICAL DISCOVERIES, INC. FINANCIAL STATEMENTS AND IS QUALIFIED IN ITS ENTIRETY BY REFERENCE TO SUCH FINANCIAL STATEMENTS.

</LEGEND>

<\$>	<c></c>	
<period-type></period-type>	YEAR	
<fiscal-year-end></fiscal-year-end>	DEC-31-1998	
<period-end></period-end>	DEC-31-1998	
<cash></cash>		84,847
<securities></securities>		0
<receivables></receivables>		2,716
<allowances></allowances>		0
<inventory></inventory>		158,225
<current-assets></current-assets>		256,761
<pp&e></pp&e>		108,521
<pre><depreciation></depreciation></pre>		39,610
<total-assets></total-assets>		327,081
<current-liabilities></current-liabilities>		1,886,246
<bonds></bonds>		0
<preferred-mandatory></preferred-mandatory>		0
<preferred></preferred>		0
<common></common>		9,661,250
<other-se></other-se>		(11, 220, 415)
<total-liability-and-equity></total-liability-and-equity>		327,081
<sales></sales>		18,409
<total-revenues></total-revenues>		20,924
<cgs></cgs>		7,750
<total-costs></total-costs>		3,520,813
<other-expenses></other-expenses>		0
<loss-provision></loss-provision>		0
<interest-expense></interest-expense>		51,585
<income-pretax></income-pretax>		(3,481,889)
<income-tax></income-tax>		0
<pre><income-continuing></income-continuing></pre>		(3,481,889)
<discontinued></discontinued>		0
<extraordinary></extraordinary>		0
<changes></changes>		0
<net-income></net-income>		(3,481,889)
<eps-primary></eps-primary>		(0.14)
<eps-diluted></eps-diluted>		(0.14)

</TABLE>