



St. Paul-Ramsey Medical Center.  
Hospital and Medical Center Records.

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***Ramsey Clinic***

Annual Report

Ramsey Clinic Board of Directors, from left, Robert O. Mulhausen, M.D.; Lynn D. Solem, M.D.; Gary D. Tollefson, M.D., Ph. D.; Ralph J. Faville Jr., M.D.; John F. Perry Jr., M.D.; Brian C. Campion, M.D.; Luigi Taddeini, M.D.; Paul Gleich, M.D.; not pictured, James J. Cicero, M.D.



## Letter from the Presidents

As we look back on 1986, we take great pride in many accomplishments. As we look ahead, we anticipate many more opportunities.

Much was new at Ramsey Clinic in 1986. We initiated many new programs – for women, for seniors, for the critically ill, for the chronically afflicted. We expanded our services to new communities. We embarked on exciting new ventures in research and attracted many new, inquisitive and talented physicians to our group.

And increasingly, we found ourselves caring for a new kind of patient who was much more involved in his own health and welfare, who when choosing a physician sought a partner as much as a provider.

We have much to recommend us to these discriminating patients: a top-notch staff of medical specialists nearly 200 strong; a solid relationship with a major medical center; an affiliated foundation which promotes significant research and educational efforts; a strong tie to a leading university; varied and innovative programs for care.

Our continued success will be based not only on these past accomplishments, but on our skill in predicting future needs and responding to them. Even that is no guarantee, however. Mergers, affiliations, acquisitions, realignments among major health care providers in the Twin Cities challenge our ability to be effective. And we must constantly strive to tame the specter of escalating costs without breaking the spirit that drives us to excel.

But if we manage our resources carefully while maintaining the high ideals that have always guided our actions, we can be both cost-effective and quality-conscious. Regardless of other business arrangements, our patient remains our most important partner, his well-being both our reason for being the best we can be, and the result.

*Luigi Taddeini, M.D.*

Luigi Taddeini, M.D.  
Interim President  
Ramsey Clinic



Kenneth E. Quickel Jr., M.D.  
President  
St. Paul-Ramsey Foundation

*KE Quickel Jr.*

**Ramsey Clinic**

## ***New health care programs emphasize physician-patient partnership***

*Calls to the Minnesota Regional Poison Center numbered 45,000, quintuple the inquiries just three years ago.*

The practice of medicine.

The layman perceives it as a mysterious mixture of centuries of accumulated knowledge and experience seasoned with solid hunches.

The passive patients of the past welcomed without explanation the careful ministrations of the medical man, whose methods they neither understood nor cared to. The physician's competence was unquestioned; the patient's contribution was inconsequential.

No more.

No more the dispassionate dependence that has long characterized the doctor-patient relationship. Today's patient is as involved as his doctor in preserving and protecting his own health – for his own good.

The nearly 200 physicians of Ramsey Clinic welcome this new patient. He wants a longer, better and healthier life, and that, of course, is also their ultimate aim. This new partnership, based on a common understanding and commitment, assures that result.

*Ramsey's reputation for international medicine drew record numbers of U.S. citizens preparing to travel abroad, as well as foreign refugees with special health problems.*

Janet Lewis, Brooklyn Park, comforts niece Stephanie as she calls the Minnesota Regional Poison Center for an antidote.



*"Our goal is to have the Hazard Information Services phone number on the labels of all potentially poisonous products in this country."*

**Samuel Hall Jr., M.D.,  
medical director,  
Minnesota Regional Poison Center**



Ruth Tuma, Brooklyn Park, bikes regularly with grandson Alexander Arvold  
on the advice of her Senior Dimensions physician.



*"Health care in society today is so complex,  
Michael Spilane, M.D.,  
patients more than ever need a close  
medical director;  
relationship with a physician who cares  
Senior Dimensions  
about them as individuals."*



*More than 90 percent of the women who  
expressed interest in The Health Center  
for Women had never been patients at  
Ramsey before.*

Today's patient has made a significant emotional investment in this new health care venture and deserves a similar contribution of time and effort from his physician partners. Ramsey Clinic has met that challenge with innovative new programs designed to treat the illness and, whenever possible, prevent it.

Health care for women, by women – that's what women have said they want. So that's what Ramsey Clinic offers at The Health Center for Women. It's not a referral service like so many other women's centers, but a full-service clinic. Female physicians provide both routine and specialty care, and together with other health professionals help women deal with concerns like stress, menopause, skin care and eating disorders, to name just a few.

*Nearly 3,300 women were screened for  
breast cancer at the Breast Center for  
Women, another important element in  
health care for women at Ramsey.*

A family doctor and much more – that's what seniors want. So Ramsey Clinic created Senior Dimensions, a program of medical and social services strictly for seniors. Physicians and other medical professionals who specialize in the health concerns of the elderly coordinate the full spectrum of care – from routine to specialty, from hospitalization to health care at home – with extra emphasis on preventive medicine.

*More than 50,000 visits to Ramsey Clinic  
were made by people 61 or older; this age  
group accounted for nearly 20,000 days of  
hospital care at Ramsey.*

*The Dry Eye and Tear Research Center drew  
over 1,000 patients, one-third of them new,  
from throughout the country.*

The growing number of specialty services to care for patients' needs is further evidence that this new partnership has permeated the patient-physician relationship. The range of clinical services offered at Ramsey Clinic is a veritable prescription for the diseases of the day: from allergies to Alzheimer's, from tonsillectomies to toxic exposures; from coronary bypass to corneal transplants; many curable, all treatable, some even preventable. When the need becomes evident, it is met.

*The number of patients treated by gastro-intestinal specialists doubled in 1986.* The savvy health care consumer acknowledges this dedication to good health. Yet assurances of good care alone, though important, are insufficient when serious illness demolishes defenses, threatens mobility and wounds the will.

Knowledge must be supplemented by know-how; that is readily apparent to Ramsey Clinic physicians. They will be judged not only by what they do but by how it is done – the sensitivity, respect and compassion with which they apply their skills for all their patients. They have achieved that accord, through mastery of their craft, communication with their patient, and their common bond of caring.

*A new Asthma Referral Center scheduled  
more than 200 appointments for testing and  
treatment.*

Trish Faust, Maplewood, makes better food choices with the assistance of  
information from The Health Center for Women.



*"In today's world,  
Irene Duckett-Cass, M.D.,  
women demand a more  
medical director;  
participatory role in their  
The Health Center for Women  
own health care."*



Art Wineman, M.D., family medicine at Ramsey Clinic-Maplewood,  
examines runner Scott Perrier's knee during a track meet.



"Our extensive branch clinic system  
David J. Mersy, M.D.,  
brings competent and caring  
medical director,  
professionals to patients right in  
branch clinic system  
their own neighborhoods."

## Expanded branch clinic system offers patients new sites, more specialists

From cities to suburbs to small towns, the patient's preference for comprehensive and convenient health care is clear. In record numbers, they seek their health care in the communities where they live and work.

Ramsey Clinic continues to expand its network of care throughout eastern Minnesota and western Wisconsin in response to the wishes of the patient-partners. All routine health problems and many complex ones are treated at branch clinics located in cities and towns where the physicians themselves live and are active in community service.

*The volume of patient visits at the branch clinics increased 30.6 percent in 1986.*

New sites and new specialties characterized the growth of Ramsey Clinic in 1986. Clinics were opened in Spring Valley, Wis., and Rush City, Minn., bringing the number of branch sites in the system to seven. The Rush City acquisition paved the way for an affiliation with the adjacent Rush City Hospital where Ramsey Clinic specialists now provide surgery and radiology services.

*Referrals from the branch clinics to Ramsey Clinic for specialty care were up 46.5 percent; most of that increase was due to growth at existing branches.*

The Spring Valley branch now has access to swift and sophisticated laboratory services for diagnosis and treatment. Those same services are also available now at Ramsey Clinic-Baldwin, where continued growth in patient visits will require a major expansion in both space and specialties in 1987.

Ramsey Clinic-Downtown, located near the Science Museum of Minnesota, continued its rapid growth. Psychiatry, urology and nutrition were new to the St. Paul "skyway" branch this year, complementing a busy family medicine and psychology practice. Ramsey's second International Travel Clinic opened at the downtown branch as well, a prime location for the business traveler.

*The number of branch clinic patients admitted to St. Paul-Ramsey Medical Center grew 32 percent in the past year.*

Special services for seniors at Wilder Senior Health Clinic, mental health services in Stillwater, and both routine and specialty medical care at Ramsey Clinic-Maplewood assure patients a wide range of health care options.

When highly complicated medical procedures or specialty consultations are required, those same patients benefit from the care provided by specialists at Ramsey Clinic's main center of activity in St. Paul. If they require hospitalization as one link in the health care chain, they may choose St. Paul-Ramsey Medical Center, where sophisticated diagnostic services and renowned emergency and critical care capabilities are tempered by sincere attention to their emotional well-being.

*Total patient visits throughout the branch clinic system numbered 59,334.*

## Researchers study new diagnostic, treatment techniques

Implicit in this partnership between physician and patient is the trust that it will be a dynamic relationship, adapting and responding to changing health care needs. When traditional avenues to good health are blocked, new approaches must be tried. Diverse and innovative research by Ramsey Clinic investigators paves the way for new and more effective treatment, and in the process, perhaps a new cure or means of prevention.

Work by Charles Blomquist, Ph.D., obstetrics/gynecology, is helping to establish the biochemical groundwork for determining explicitly the effects on the fetus of alcohol consumption by its mother. Long term, he will attempt to correlate his findings with the child's development.

Joseph Sockalosky, M.D., pediatrics, has discovered a startlingly high incidence of early puberty in girls who suffer head trauma. He's trying to identify factors that predict which children will be affected.

Cardiologist Linda Long, M.D., is studying tissue plasminogen activator (TPA), a revolutionary new drug which actually stops a heart attack after it starts. Preliminary tests show TPA dissolves the clot which is blocking the flow of blood to the heart.

Ramsey's reputation for expertise in trauma care is further exemplified by the work of Burn Center chief Lynn Solem, M.D. He has focused his research on the adverse effects of burns on the cell's immune function.

Keith Henry, M.D., infectious disease, is also studying immune deficiency, particularly AIDS and its treatment. He's involved in a \$5.4 million National Institutes of Health study to evaluate new drugs to treat AIDS patients. He has also researched a drug to treat blindness caused by AIDS, and is conducting a nationwide study of hospital policies on AIDS virus testing.

Alzheimer's disease, a likewise fatal illness affecting millions, has long been the subject of intense scrutiny by William H. Frey II, Ph.D. One of many current projects is a \$115,000 joint venture with 3M scientists to conduct research on the disease.

In all, more than 200 active research projects were in progress during 1986, helping to bridge the gap between current medical practices and the needs of future patient-partners.

*More than 200 active research projects were funded by government, industry and internal contributions.*

*The St. Paul-Ramsey Foundation awarded 28 research grants to Ramsey Clinic investigators for a total of \$383,123.*

*Ramsey Clinic researchers published 109 papers in national journals and conducted 56 presentations.*

Dave Ehresman, clinical chemist, and Frank Konstantinides, surgical metabolic research facility director, complete a drug analysis.

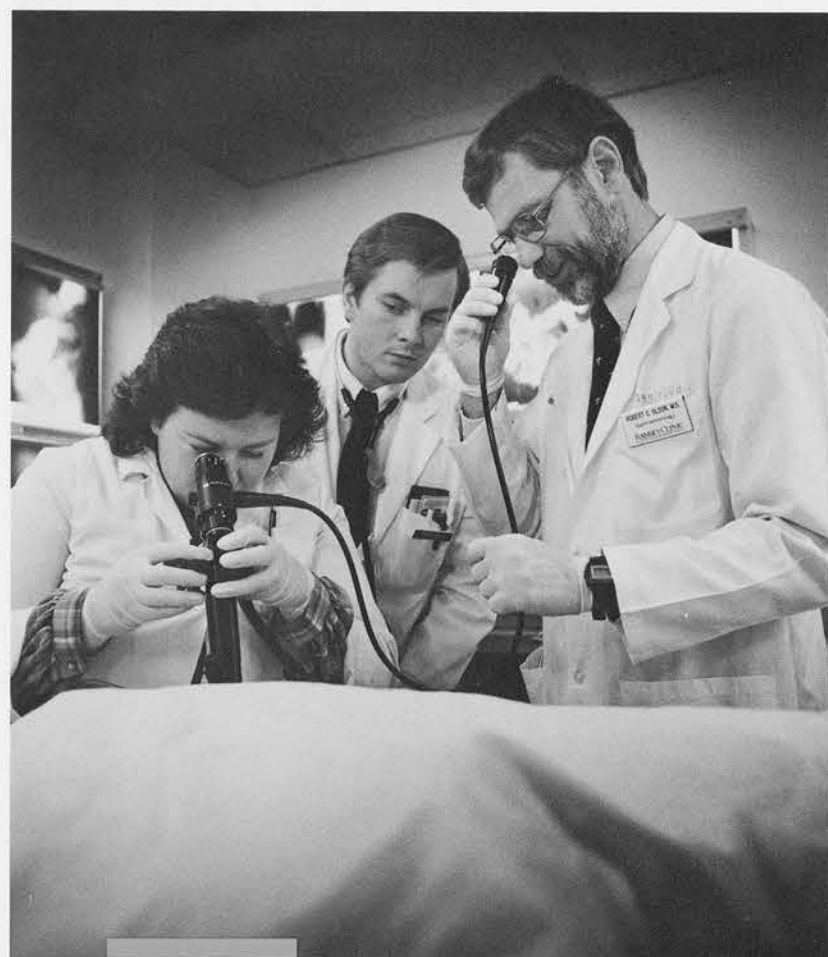


*"A clinic group that's dedicated to research attracts higher quality physicians with an in-depth understanding of medicine."*





Students Diane Faulds and Robin Fischer get instructions from Robert C. Olson, M.D., director of continuing medical education.



*"Only the most inquisitive minds will commit themselves to the challenge of teaching students, of being involved in the evolution of medicine."*  
**Kusum Saxena, M.D.,  
 Emergency Medicine**

## **Ramsey Clinic's commitment to education benefits physician, patient, community**

*CME presented 17 major medical education programs to more than 1,500 participants.*  
 This new knowledge is also essential for physicians-in-training if they are to fulfill the terms of their unwritten "contract for care" with future patients.

Ramsey's long-standing leadership in teaching new physicians and a decades-old affiliation with the University of Minnesota amply demonstrate Ramsey Clinic's commitment to education.

Three-fourths of Ramsey Clinic's physicians hold faculty appointments at the University of Minnesota Medical School. This academic advantage extends to the clinical setting. At any one time, residents in internal medicine, family medicine, dentistry, dermatology, emergency medicine, neurology, obstetrics and gynecology, ophthalmology, otolaryngology, pathology, pediatrics, physical medicine, psychiatry, surgery and urology are in training at Ramsey.

*An additional 20 educational programs were offered through the Midwest Center for Occupational Health and Safety, attracting a total audience of 1,200.*  
 Excellence in education is available to practicing physicians and other health professionals as well. Ramsey's office of continuing medical education (CME) continually develops new programs which integrate clinical theory with the day-to-day practice of medicine.

CME updates in 1986 focused on burn and critical care, perinatal medicine, occupational health, obstetrics/gynecology, substance abuse, clinical toxicology, emergency medicine, neurology, family practice and primary care, trauma, cardiopulmonary medicine, ophthalmology, pediatrics, bioethics and research.

Finally, this newly acquired knowledge is passed to the patient-partners whom Ramsey Clinic ultimately serves – through community education programs, in presentations to community groups, and most important, in the individual encounter between physician and patient as equal participants in health care decision-making.

*Poison center educators presented 24 programs to professional and community groups; total attendance numbered well over 1,000.*

**Community service extends health care into homes, schools and beyond**

Unlike the typical business arrangement, the scope of this physician-patient partnership extends beyond the clinic-hospital arena into everyday life.

**More than 75 health care**

**professionals contribute to their communities through the Ramsey**

**Speakers' Bureau.**

*In community groups,* patients hosted their health care partners on more than 100 occasions for discussions on burns and burn prevention, health and wellness for adults and children, Alzheimer's disease, stress and time management, and nutrition and exercise.

*In their homes,* often before a call to the doctor, patients called Tel-Med, free health information by phone and another community service of Ramsey Clinic. An extensive collection of taped messages offered advice and a clinic to call for an appointment.

*In the workplace,* employers and employees alike benefited from the health care provided by Ramsey Clinic physicians through occupational health services: injury care, preplacement and surveillance exams, medical screening programs, disability and second opinion evaluations and toxicology programs.

**Calls to Tel-Med numbered almost**

**400,000 in 1986.**

*In their schools,* teen patients sought the free comprehensive health care offered by Ramsey Clinic physicians at four school-based clinics in St. Paul. Everything from sports physicals to prenatal care was available from supportive, non-judgmental health professionals.

*In a crisis,* teens often sought their peers' assistance under the supervision of Ramsey Clinic physicians. Safe Rides Explorers received about 700 calls from teen-agers who wanted a "safe ride" home from a party. The Boy Scout program is based at Ramsey.

*In emergencies,* paramedics and emergency medical technicians in communities throughout the metropolitan area relied on the extensive and intensive training they received through emergency medical services (EMS), a joint program of Ramsey Clinic and St. Paul-Ramsey. The skills they learned always saved time, often saved lives.

**Each year, EMS trains more than 400**

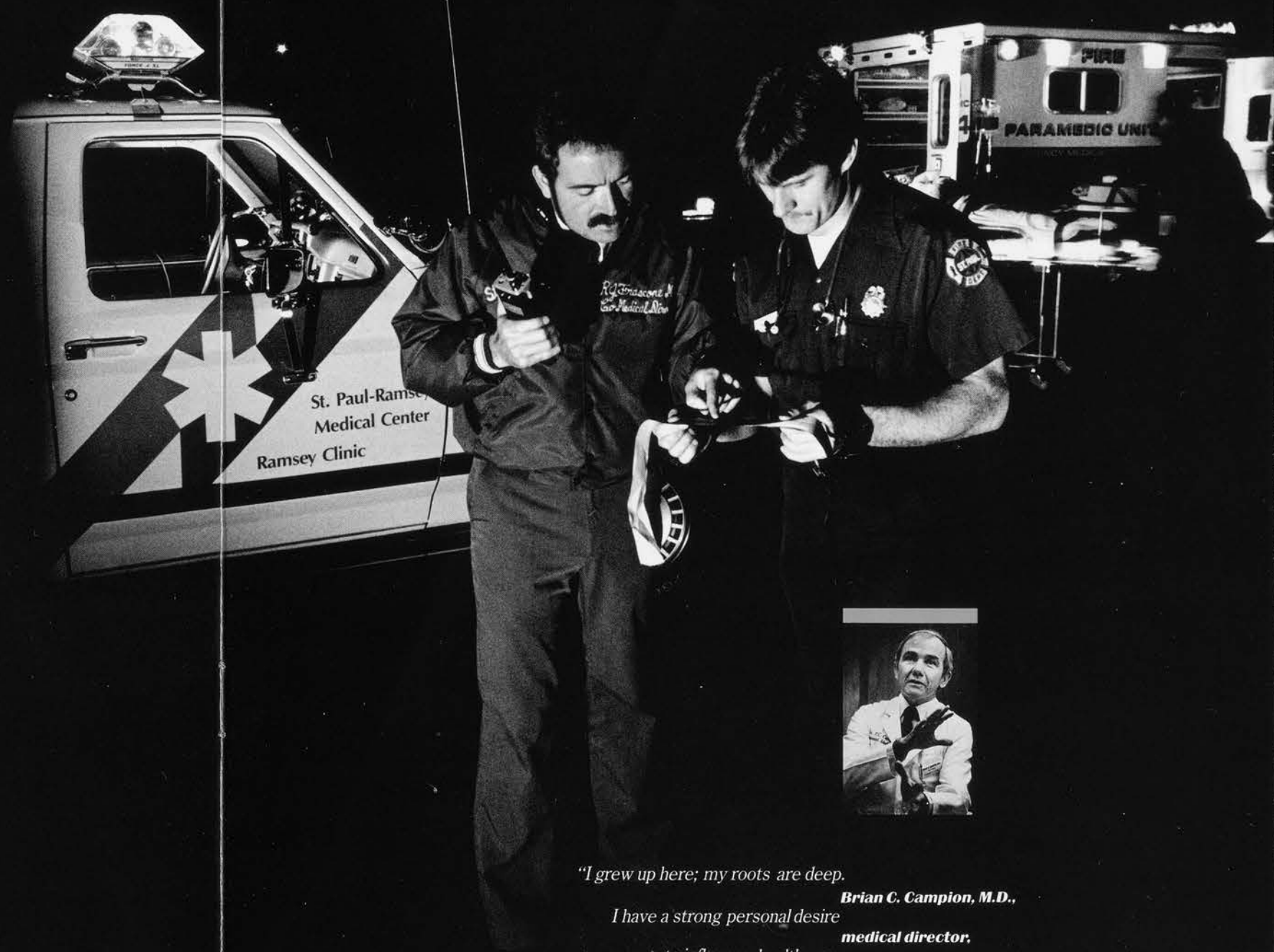
**emergency medical technicians and**

**paramedics.**

From clinic to community, from hospital to home, the patient-physician partnership extends across an entire continuum of care.

R.J. Frascione, M.D., left, helps St. Paul Fire Department paramedic

Greg Erickson interpret an EKG at the scene of an accident.



*"I grew up here; my roots are deep.*

*I have a strong personal desire*

*to influence health care*

*throughout the community."*

**Brian C. Campion, M.D.,**

**medical director,**

**Emergency Medical Services**



## New systems demonstrate compatibility between quality and cost-efficient care

Ramsey Clinic posted an overall increase of

72 percent in HMO activity as measured by

patient volume.

Financial arrangements loom large in any partnership agreement, and the medical pact between physician and patient is no exception. Ramsey Clinic has proven responsive to its patient-partners, creating innovative new systems that guarantee prompt, expert care.

By the end of 1986, Ramsey Clinic had contracted with 12 health maintenance organizations or preferred provider organizations, mirroring the explosive growth of prepaid health care in the Twin Cities in the past decade.

That growth is expected to continue as Ramsey Clinic expands its network of services and continues to practice high-quality and well-coordinated medical care.

Ramsey Clinic was also instrumental in developing what has been termed a model program of health care for low-income patients. RamseyCare assures general assistance recipients of both better and more cost-efficient medical care, thanks in large part to case management by Ramsey Clinic physicians.

Ramsey Clinic anticipated a new partnership arrangement in 1987, as an equal subsidiary with St. Paul-Ramsey Medical Center under Ramsey HealthCare, Inc., a newly created holding company. By formalizing an already strong affiliation with its major hospital provider, Ramsey Clinic cements its position as a major competitive force in Minnesota medicine, assuring patients that their choice of partners proved a solid investment in their future good health.

In the first eight months of operation,

RamseyCare enrolled over 3,500 patients.

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### Ramsey Clinic

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Thomas N. Watson,  
Vice President, Finance  
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Director, Human Resources  
Donna Anderson,  
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Mary Alice Czerwinka,  
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Assistant to the President  
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J. Daniel Nelson, M.D.,  
Chairman, Institutional Review Board  
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Chairman, Animal Care and Use Committee  
Luigi Taddeini, M.D.,  
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Director, Research Administration  
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Medical Director,  
Continuing Medical Education  
Ruth McIntyre,  
Director, Continuing Medical Education



## Financial Highlights

Ramsey Clinic and the St. Paul-Ramsey Foundation completed 1986 by continuing the pattern of growth realized over the last few years. Ramsey Clinic experienced nearly a 10 percent growth in revenues and maintained the margins realized in the prior year. The St. Paul-Ramsey Foundation, on the other hand, continued a pattern of sustaining its activities by using revenues accumulated in prior years.

Patient care provided by Ramsey Clinic physicians mirrored nationwide trends in health care utilization, evidenced by growth in outpatient revenues and a concurrent decline in inpatient hospital days. Prepaid and contractual arrangements provided a \$2 million increase in patient services over 1985. These shifting trends reflect the influence of reimbursement systems and payers on our organization.

Our off-campus patient care activity expanded in 1986 through growth in existing branch clinics and the opening of new ones. Patient revenue from the branch clinics increased from \$1.8 million in 1985 to \$3.1 million in 1986.

This pattern is consistent with Ramsey Clinic's goal to develop the system of branch clinics.

Expenses grew as a result of increases in personnel costs, fringe benefits and malpractice insurance. Decisions to open new branch clinics also resulted in increased expenses for Ramsey Clinic. Finally, Ramsey Clinic satisfied its obligations, made a cash contribution to the St. Paul-Ramsey Foundation and achieved a small margin of excess revenues consistent with plans and budgets.

1986 was a year of sustaining the research and education activities of the foundation. The foundation maintained its commitment to the development of programs in medical education and medical research conducted by Ramsey Clinic physicians by using fund balance reserves. Revenues decreased in 1986 and operating expenses decreased slightly over the same period.

Foundation investment income decreased slightly in 1986, and remained considerably below the interest income amounts realized two years ago. The foundation regularly reviews its investment policies to assure prudent management of its resources and continually seeks to maximize the return on investable assets, while providing adequate funding for its programs and activities.

Ramsey Clinic

St. Paul-Ramsey Foundation

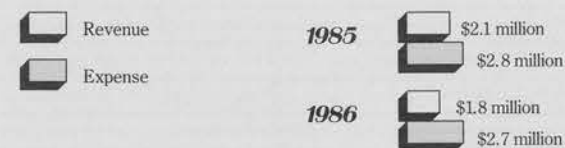
## 1986 Combined Revenue and Expense



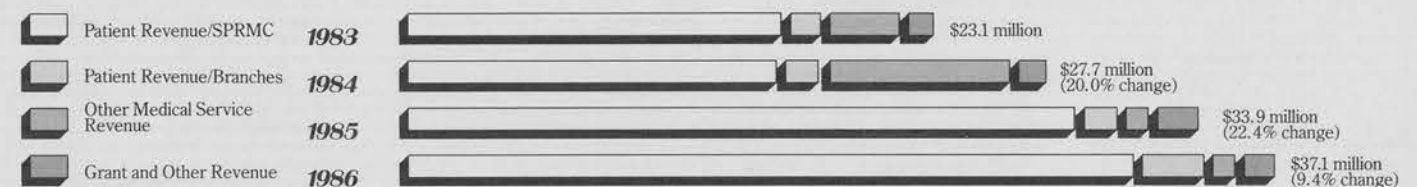
## Ramsey Clinic



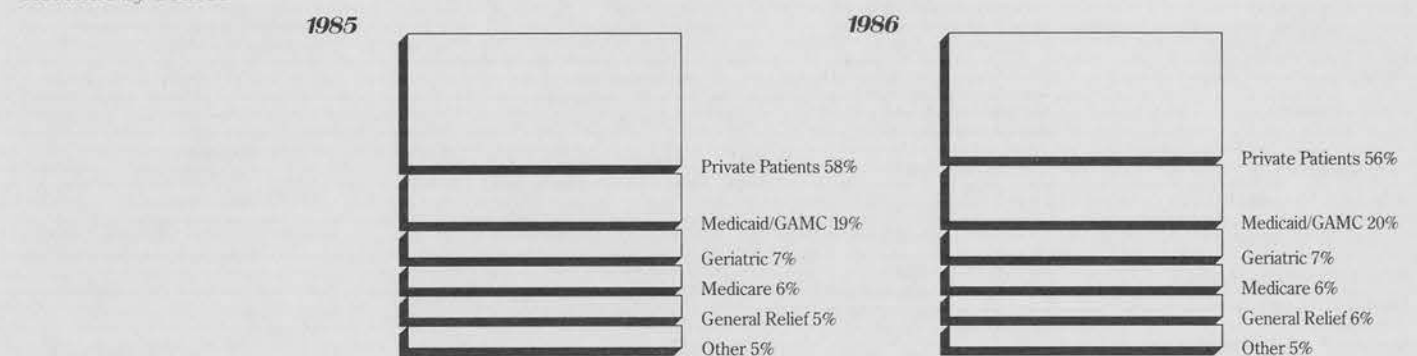
## St. Paul-Ramsey Foundation



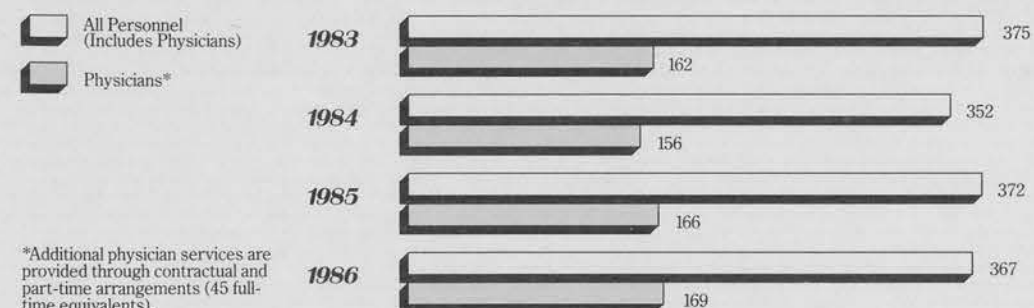
## 1986 Combined Revenue



## Ramsey Clinic Patient Revenue by Source



## Personnel as of January 1 Each Year



\*Additional physician services are provided through contractual and part-time arrangements (45 full-time equivalents).

## Medical Staff

### Anesthesiology

Karen Ringsred, M.D., *Acting Chief*  
Mary Alyono, M.D.  
Paul R. Anderson, M.D.  
Juliet R. Hanson, M.D.  
Paul S. Molinari, M.D.  
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H. Irving Katz, M.D.  
Ngo Hien, M.D.  
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Jerome E. Schulz, M.D.

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Lyle J. Swenson, M.D.  
Douglas G. Wysham, M.D.

### Endocrinology

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David R. Antonow, M.D.

### General Internal Medicine

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Terry W. Crowson, M.D.  
Irene G. Duckett-Cass, M.D.  
Kenneth D. Engberg, M.D.  
David J. Griffin, M.D.  
Samuel W. Hall Jr., M.D.  
Neal R. Holtan, M.D.  
Patrick W. Irvine, M.D.

Floyd E. Knight, M.D.  
Sanne D. Magnan, M.D.  
Thomas A. Ophoven, M.D.  
Eugene C. Rich, M.D.  
Kirk J. Rodysill, M.D.  
Christine Simonelli, M.D.  
Tryg M. Velde, M.D.  
J. Bryan Warren, M.D.

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*Section Chief*  
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### Nephrology

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*Section Chief*  
Sally M. Ehlers, M.D.  
Robert O. Mulhausen, M.D.

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Jeffrey H. Mandel, M.D.

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*Section Chief*

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*Acting Chief*  
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Ilo E. Leppik, M.D.  
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John W. Tulloch, M.D.

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William F. Dickes, M.D.  
Gordon M. Ditmanson, M.D.  
Laura E. Edwards, M.D.  
Michael F. Koszalka Jr., M.D.  
Shaila A. Phanse, M.D.

### Ophthalmology

J. Daniel Nelson, M.D., *Chief*  
Leslie A. Kopietz, M.D.  
Thomas D. Lindquist, M.D., Ph.D.

### Otolaryngology - Head and Neck Surgery

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Peter A. Hilger, M.D.  
Edward H. Szachowicz, M.D.

### Pathology

Erhard Haus, M.D., *Chief*  
Cheryl M. Coffin, M.D.  
David Joachim Lakatua, M.D.  
Michael B. McGee, M.D.  
Zoltan Posalaky, M.D.  
Bertram F. Woolfrey, M.D.

### Pediatrics

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Norman L. Virnig, M.D.,  
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Charles T. Alward, M.D.  
Eunice A. Davis, M.D.  
Ralph J. Faville Jr., M.D.  
Athena Narayan, M.D.  
Thomas F. Rolewicz, M.D.  
Joseph J. Sockalosky, M.D.

### Pediatric Neurology

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Betty Y. Ong, M.D.

### Physical Medicine and Rehabilitation

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*Acting Chief*  
Michael Kosiak, M.D.  
Rebecca M. Koerner, M.D.  
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Maria I. Kelnhoffer, M.D.  
Ronald P. Landbloom, M.D.  
Sylvia Divinetz Romero, M.D.  
Michael L. Ruthrauff, M.D.  
Gary D. Tollefson, M.D., Ph.D.  
Janet A. Zander, M.D.

### Radiology

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Petre I. Wechsler, M.D.

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Elmer H. Kasperson, M.D.  
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### Neurosurgery

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*Acting Chief*  
Michael A. Amaral, M.D.

### Urology

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John E. Heller, M.D.

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*Branch Medical Director*

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*Family Medicine - Lead Physician*

Reid Berger, P.A.,  
*Physician's Assistant*  
Jack R. Daley, M.D.,  
*Internal Medicine*  
Gregory Estlund, M.D.,  
*Family Medicine*  
Robert A. Nogler, M.D.,  
*Family Medicine*  
Leonard B. Torkelson, M.D.,  
*Family Medicine*

### Ramsey Clinic - Downtown

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*Family Medicine - Lead Physician*  
Milton Cornwall, M.D.,  
*Family Medicine*  
M. Dudley Hilker, M.D.,  
*Family Medicine*  
Deborah K. Mielke, M.D.,  
*Family Medicine*

### Ramsey Clinic - Frederic

David P. Kelsey, M.D.,  
*Family Medicine*  
Timothy J. Peterson, M.D.,  
*Family Medicine*

### Ramsey Clinic - Luck

Steven Kirkhorn, M.D.,  
*Family Medicine*

### Ramsey Clinic - Maplewood

Karen R. Steiner, M.D.,  
*Internal Medicine - Lead Physician*  
Joseph P. Amberg, M.D.,  
*Internal Medicine*  
Nancy J. Baker, M.D., *Family Medicine*  
Susan Nelson-Betcher, M.D.,  
*Psychiatry*  
E. Dale Cumming, M.D., *Pediatrics*  
Franklin C. Fleming, M.D.,  
*Internal Medicine*  
Kiyomi A. Hachiya, M.D.,  
*Pediatrics*  
Dorothy Raney, L.P., *Psychology*  
Deborah Trout, Ph.D., *Psychology*  
Arthur P. Wineman, M.D.,  
*Family Medicine*

### Ramsey Clinic - Rush City

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*Family Medicine and Surgery*  
Gerald L. Konkol, M.D.,  
*Family Medicine*  
James Laurino, M.D.,  
*Family Medicine*  
Teresa E. Quinn, M.D.,  
*Family Medicine*

### Ramsey Clinic - Spring Valley

Gale Murty, M.D., *Family Medicine*

### Ramsey Clinic - Stillwater

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*Psychology*  
JoAnn Ford, L.C.P., *Psychology*  
Cathleen O'Leary, M.S.W.  
Michael L. Ruthrauff, M.D., *Psychiatry*

### Wilder Senior Health Clinic

Kenneth D. Engberg, M.D.,  
*Internal Medicine - Medical Director*  
Patrick W. Irvine, M.D.,  
*Internal Medicine*

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Jackson at University

St. Paul, Minnesota 55101