



# History & Heritage Highlights



### Mayo Clinic is...

The first and largest integrated, not-for-profit medical group practice in the world.

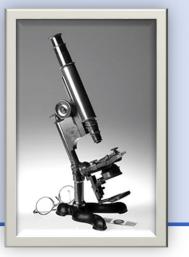
But **how** did Mayo Clinic begin? ▶

#### **Late 1863**

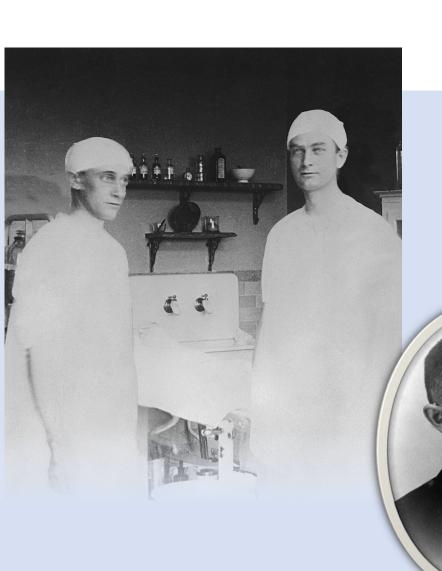
Dr. William Worrall Mayo came to Rochester to examine new recruits for the Union Army. He moved his young family to Rochester in 1864.

As his medical practice grew Dr. Mayo and his wife, Louise, mortgaged their home to purchase a microscope

so Dr. Mayo could provide optimal care to his patients.







### 1883 & 1888

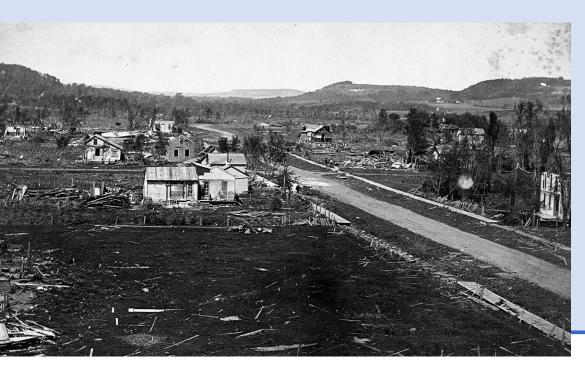
Dr. Mayo's sons, Charles H. and William J., joined him in practice after finishing medical school.



#### **1883** ►

A devastating tornado struck Rochester, Minnesota.

Dr. W.W. Mayo called on the Sisters of St. Francis, a Catholic teaching order, to assist in providing medical care to the injured.





Seeing the need for a hospital in Rochester, Mother Alfred Moes of the Sisters of Saint Francis proposed to build and staff a hospital if Dr. William Worrall Mayo and his sons would provide medical care. Hesitant at first, Dr. Mayo agreed.







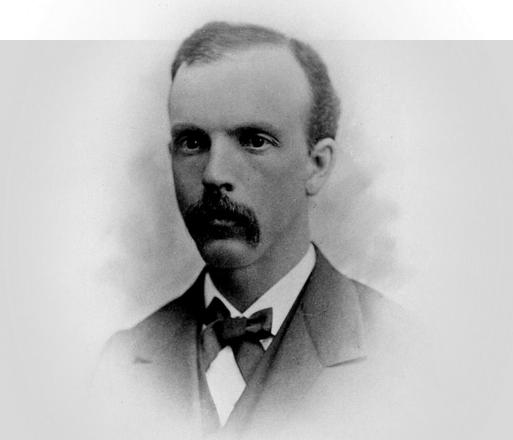
Saint Marys Hospital opened with 27 beds. Word spread of the "hospital in the cornfield" and the skill of the Mayo brothers as surgeons.



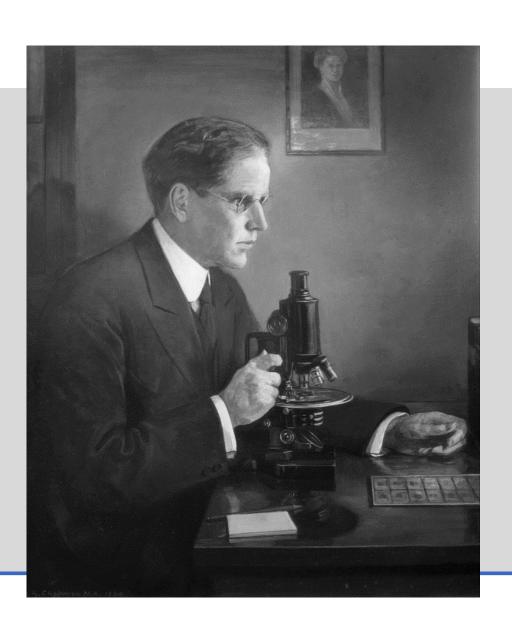


The Mayo brothers worked closely with the Franciscan Sisters, employing the latest antiseptic techniques in surgery. In 1906, to address the need for more nurses, the Saint Marys School of Nursing was established.

**Innovation** was the standard of the Mayo practice from the beginning. As the demand for their services increased, Dr. Will and Dr. Charlie asked other doctors and basic science researchers to join them. They welcomed partners and associates whose skills complemented their own, establishing the model of teamwork that continues today.



The first partner, **Augustus W. Stinchfield, M.D.**, was added to the Mayo family practice.



Louis Wilson, M.D., was hired to develop the laboratories. Dr. Wilson also developed a rapid way to diagnose surgical specimens, allowing Mayo surgeons to explore, diagnose and repair tissue all in one operation.

Visiting physicians organized **The Surgeons Club**, forerunner of Mayo School of Continuous Professional Development.



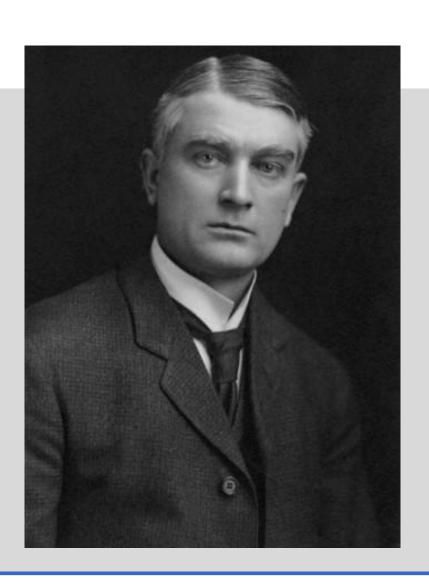


#### **◄** Henry Plummer, M.D.

introduced the concept of integrated medical records for individual patients stored in a central place. The unified medical record continues today in an electronic format. It is the "gold standard" of documentation for patient care, research and education.

Maud Mellish ► was hired to develop a library and perform editorial services for the staff.





#### **◄** William J. Mayo, M.D.

Delivered the commencement address at Rush Medical College in Chicago. He said:

"The best interest of the patient is the only interest to be considered, and in order that the sick may have the benefit of advancing knowledge, union of forces is necessary."

His statement becomes the foundation of the primary value of Mayo Clinic – the needs of the patient come first and a classic declaration of Mayo Clinic's commitment to teamwork.

Although the Mayo doctors were initially viewed as unconventional for practicing medicine through this teamwork approach, the benefits of a private group practice were undeniable. When the first building in the world designed for integrated multispecialty group practice of medicine opened in 1914, the name "Mayo Clinic" was carved in stone above the front door.

MAYO CLINIC





Mayo Clinic logo - 1914





#### **◀1915**

Doctors from all over the world came to observe and learn from the Mayo physicians, leading to the organization of one of the world's first formal graduate training programs for physicians.

Today it is known as the Mayo School of Graduate Medical Education.

**1917** 

Physicians who trained at Mayo Clinic established what now is known as the **Mayo Clinic Alumni Association** 



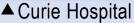
### By **1915...**

Growing numbers of patients coming to Rochester were creating a shortage of hospital beds.

Saint Marys Hospital could accommodate only patients needing surgical treatment. Patients with medical ailments were often treated in a number of hotel / hospitals located in downtown Rochester.









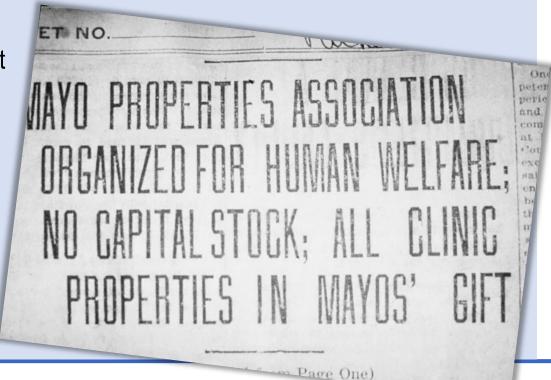
Colonial Hospital
Training School
for Nurses was
established in
downtown Rochester.

In 1921 the name was changed to Kahler Hospital's School of Nursing.



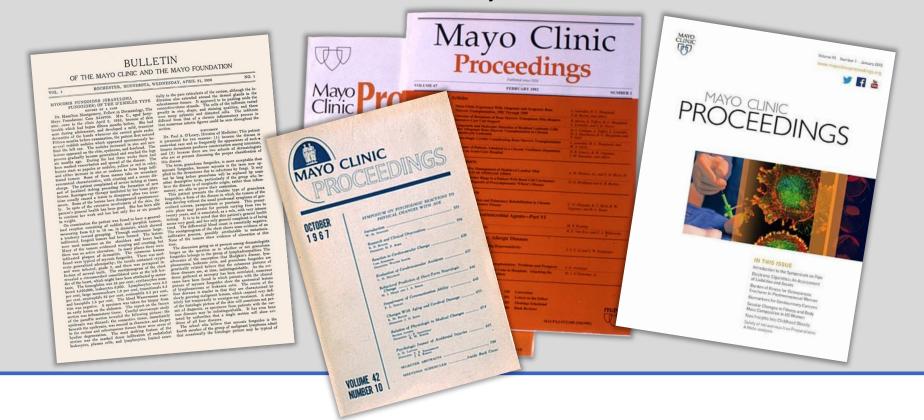
To ensure the longevity of Mayo Clinic, the Mayo brothers and their wives signed a Deed of Gift, donating the assets of the private practice and the majority of their private savings to create a **not-for-profit organization**.

This gift, worth about \$10 million at the time, was without precedent in medicine.



The first issue of *Mayo Clinic Proceedings* was published. Originally a summary of staff activities (Bulletin), in 2021, there were more than 6 million downloads of its journal content.







The Plummer Building opened.
A triumph of engineering and aesthetics, it exemplifies the Mayo brothers' ideal of serving humanity through medical science.



### May 26, 1939

After an eight-day illness, Dr. Charlie passed away in a Chicago hospital.

The nation and the world joined Rochester residents in mourning his death.

# ROCHESTER

#### Universities and **Nations Showered** Honors on Mayo

Republic of France Conferred French Legion of Honor Upon Him—Awarded Dis-tinguished Service Medal

From far-flung parts of the world honors were showered upon Dr. Charles H. Mayo during a life which belongs to history today. Listing of awards, degrees, titles and active and honorary positions held by him would fill columns of

space.

The honors were legion. The president of the country he loved so well came to Rochester in 1934 to pay tribute to him and his brother. Scholastic honors, degrees, awards and plaques were his by

honors, degrees, awarus and pre-model and the honors were his presidencies of the American Medical association in plas and the American College of Surgeons in 1924.

The American College of Surgeons in 1924. Or of the American College of Surgeons in 1924. Or of the Principle of



DR. CHARLES HORACE MAYO

'Dr. Charlie Stimulated Me By Example,' Brother Says

#### BIRTHPLACE OF DR. CHARLES H. MAYO



#### Rochester Surgeon Victim of Pneumonia In Chicago Hospital

Younger of Famous Brothers, 73 Years Old, Succumbs After 8-Day Illness -- Native City and World Mourn Death

Dr. Charles H. Mayo died in Chicago at 4:55 p. m. today. Pneumonia claimed the world-famed 73-year-old surgeon, whose busy life ended in Mercy hospital after an illness of eight days.

Death came while members of his family were at his beside, but absent was his older brother, Dr. William J. Mayo, who could not leave his home, where he is convalescing from a serious abdominal operation performed April 22.

The first of the brothers to die failed steadily during the day and the approach of death became clear when attending physicians indicated they believed a second blood transfusion would be futile.

"Dr. Mayo made an excellent fight, but the chances were against him from the start," said Dr. Walter McGuire, who explained that Dr. Mayo had type six and part of type three pneumonia, an unusual combination

At the inception of the illness, Dr. Mayo's pulse was 102, with little ugh and no fever, Dr. McGuire said.

Dr. Mayo was conscious only periodically throughout the day. Early plans in Chicago were to bring the body to Rochester toorrow morning.

#### Family at Bedside

Stricken in Chicago last Friday, he showed some improvement, out, weakened by previous illnesses and the passing years of a life that made his name known in distant lands, he began bowing to time's inevitable dictate when he suffered a relapse Wednesday night and his son, Dr. Charles W. Mayo, donated blood for a transfusion.

The son, the wife of the departed Dr. Charlie and three of his daughters, Mrs. Fred W. Rankin of Lexington, Ky., Mrs. John B. Hartzell of Detroit and Mrs. Louise Mayo Trenholm of Rochester, were vith him when death came.

with him when death came.

At the bedside, in addition to immediate members of the family were Mrs. Joseph Mayo, Dr. Herman J. Moersch, Dr. T. J. Dry of Rochester, Dr. R. S. Berghoff, medical director of the hospital, and

Documents, Jr. R. S. Berghori, included director of the hospital, and Drs. Michael and Walter McGuire.

Although Dr. Mayo suffered periodical illness the past two years, his condition in recent months had been encouraging, and when he returned recently from Tucson, Ariz., where he spent the winter, he seemed improved generally.

#### Wanted to Return Here

Dr. Mayo would have returned to Rochester had attending physi-cians agreed. When he became ill for the last time he expressed desire to return here by airplane.

Rochester's "Dr. Charile" is gone and a stunned city, bowing with grief to time's relentless dictate, paid tribute to a distinguished son who will be remembered both as a sur-

## ROCHESTER

#### Skill as Surgeon Brought Dr. Mayo World-Wide Fame

Educational Institutions Showered Honors on Elder of Brothers—Wrote More Than 500 Medical Papers

Dr. William James Mayo will be remembered by the world as a surgeon, although in the Rochester which knew him well has record as an executive and educator will rank equals an executive and educator will rank equals spring-board to fame for Dr. Mayo, list of the famed brothers joid. His early life made clear that he was to be a surgeon. His boyhood association with his father-Dr. William Worrall Mayo, made that certain and his father's complete self- are enhancing impresseds. m. Home Mortgaged
always recalled his tenth year when his
nortgaged his home, situated where the Mayo
tow stands, to purchase a microscope.

#### **MAYO FORESAW** THREAT OF WAR SIX YEARS AGO

#### WORLD MOURNS DEATH



DR. WILLIAM JAMES MAYO

#### Dr. Mayo's Social Philosophy Revealed In Letter of Gift to State University Suggests Arted as One Stace and patent medicine "cures." Suggests Arted as One Stace and patent medicine "cures." Suggests Arted as One Stace and patent medicine "cures." Suggests Arted as One Stace and patent medicine "cures." Suggests Arted as One Stace and patent medicine "cures." Suggests Arted as One Stace and patent medicine "cures." Suggests Arted as One Stace and patent medicine "cures." Suggests Arted as One Stace and Pate

#### Surgeon Succumbs Two Months After Death of Brother

Elder of Famous Scientists, 78 Years Old, Dies After Serious Abdominal Operation in April--World of Medicine Mourns Death

Death today claimed Dr. William James Mayo, second and older of the two famed brothers to answer its summons. He succumbed at 4 a.m.

Dr. Mayo died at his home following a second operation performed for an abdominal ailment. He was 78 years old.

Mrs. Mayo and his daughters, Mrs. D. C. Balfour and Mrs. Waltnan Walters, were among those at the beside at the home.

The surgeon's condition became serious three weeks ago and his on-in-law and daughter, Dr. and Mrs. Balfour, were summoned home from London where Dr. Balfour was awarded an honorary fellowship in the Royal College of Surgeons. They returned to Roch-

Although he took an automobile ride on his recent birth anniversary, and went to his office occassionally, Dr. Mayo's health had faild recently and he had felt keenly the death of Dr. Charles H. Mayo May 26, a time at which his condition was such that he was unable to

Dr. Mayo became ill at his winter home in Tucson, Ariz., and re-turned to Rochester and underwent April 22 an extensive stomach peration for a very serious condition. He showed temporary improvement, but surgeons made no attempt to minimize the serious-ness of his condition, and performance of a second operation at his ome emphasized that seriousness.

St. Mary's hospital, where he was operated upon, was the scene of many surgical triumphs of Dr. Mayo, whose main interest was in surgery of the abdomen and who himself underwent abdominal sur-

His death plunged into sorrow a city he and his brother

#### Dr. Mayo belonged today to the pages of medical history. BROTHERS GLOSELY ALLIED IN CAREERS who blacked a ratif hat deep may any projection and most proposed to the medical history. ALLIED LINE CAREERS who blacked a ratif hat de from a way from medicine above the control of the control

But his work was that of peace. As one who saw and understood human suffering, he devoted his life to his fellow mss, and the Mayo Cinic building, towering toward Minnestota skies, is evidence of that understanding. He was born in he Soven Minn, June 29, 1861.

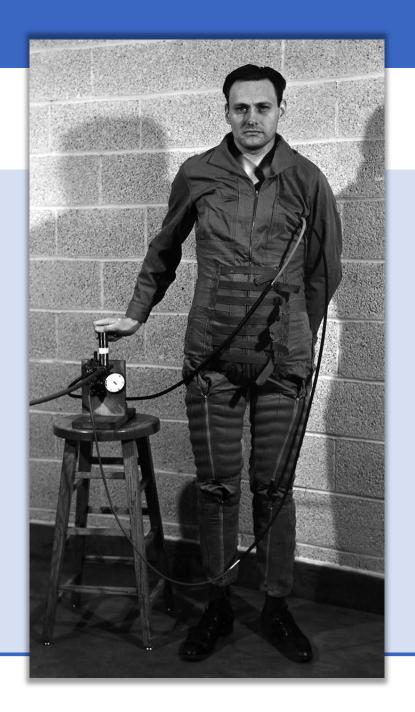
Son and heir of Englishborn Dr. William Worrall Mayo, he was brought into the world shortly before gens of a was brought into the world shortly before gens of a

#### **July 28, 1939**

Only two months later, the world mourned once again when Dr. Will passed away in Rochester.

Many expected the demise of Mayo Clinic.

Yet so carefully had the brothers planned and so graciously had they welcomed capable colleagues to positions of leadership that Mayo Clinic continued to thrive.



#### **World War II**

Mayo Clinic conducted top-secret, pioneering research to help protect pilots and flight crews. Mayo's Aero Medical Unit helped develop the oxygen mask and Gsuit that gave American aviators a decided advantage in the air war in Europe and the Pacific.



Mayo Clinic researchers Edward Kendall, Ph.D. (left), and Philip Hench, M.D. (right), shared the Nobel Prize for discovery of cortisone.



### **Early 1950s**

The Kahler Corporation moved away from managing hospitals.

Through the efforts of local businessmen, Mayo leaders and the Methodist National Board of Hospitals and Homes, Rochester Methodist Hospital became a corporate reality in 1954.

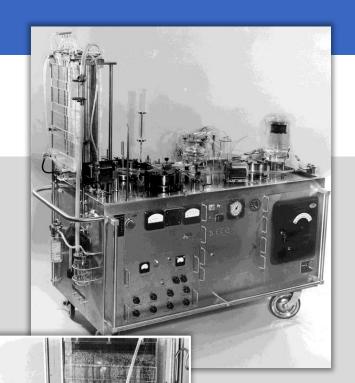




Unprecedented growth of the Clinic prompted construction of the Mayo Building. The 10-story building was completed in 1955.

An eight-story addition was completed between 1966-1970.





■ Mayo Clinic helped revolutionize open-heart surgery with the Mayo-Gibbon Heart-Lung Bypass Machine.

Subsequent developments at Mayo Clinic included one of the first intensive care units in the United States ▼



Mayo Clinic received its first grant from the National Institutes of Health (NIH).

Today, Mayo Clinic is one of the leading recipients of NIH funding, which confirms the high quality of Mayo's research initiatives.

PHO-1533 F=- 10-56

#### DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Public Health Service National Institutes of Health Bethesda 14, Maryland

DATE November 26, 1958

#### NOTIFICATION AND STATEMENT OF GRANT AWARD

J. P. Whienent, M.D. Instructor in Neurology, Mayo Foundation Consultant in Neurology, Mayo Clinic Rochester, Minnesota

Dear Dr. Whisnant:

In reply refer to our: B-1921

Upon recommendation of the appropriate National Advisory Council, the Surgeon General has approved the Public Health Service grant described below.

The attached explanation outlines Public Health Service policy relative to the payment and management of grant funds, as well as to the scientific and budget freedom afforded grantees in their work.

WITH THE PARTY OF	STATEMENT O	GRANT AWAR	D MADE UNDER THE PUBLIC HEALTH SERVICE ACT	
SECTION OF ACT	TON OF ACT TYPE OF AWARD		NATIONAL ADVISORY COUNCIL	
301 (4)	Research Grant		Neurological Diseases and Blindness	
GIANT PERICO			GRANT IDENTIFICATION B-1921	
December 1, 1958 - November 30, 1959				
GRANTEE INSTITUTION			"Experimental intracerebral hematoma"	
Mayo Association			J. P. Whisnant, M.D.	
PAYER ICHECK WILL BE DRAWN AS FOLLOWS) B-1921				
Vice Chairman-Treasurer			C. H. Millikan, M.D.	
Mayo Associa 200 First St Rochester, M	reet, Southwest		FUTURE SUPPORT (Provided Funds Are Appropriates—See Attached Sheet Concerning Continuation)  X1 Amounts Include Indirect Code	
BUDGET ALLOCATE	UDGET ALLOCATION AMOUNT		Ist Additional Year (CI) s 3,334* 2nd Additional Year s MODE 3nd Additional Year s 4th Additional Year s Additional Year s Determined Aresually.  Signature	
DIRECT COSTS (EXCLUSIVE OF TRAINER STIPENOS) \$2,899  INDIRECT COSTS (EVERHEAD) \$ \$35  TRAINER STIPENOS  TOTAL GRANT \$3,334		44		
		\$2,899		
		\$ 435		
		20000		
		\$3,334		
AMOUNT OF FIRST	PAYMINT	\$1,667	Mare and Title Gordon H. Seger, Dr. R. H. Chief, Extramural Programs	
BALANCE DUE		\$1,667		
LIST NUMBER B-32-59			National Institute of Neurological	
ALLOTMENT NUMBER 98001-01			Diseases and Blindness	

\* Application for funds in this amount or less is due by October 1, 1959.
Application forms will be sent to you two months prior to this date.

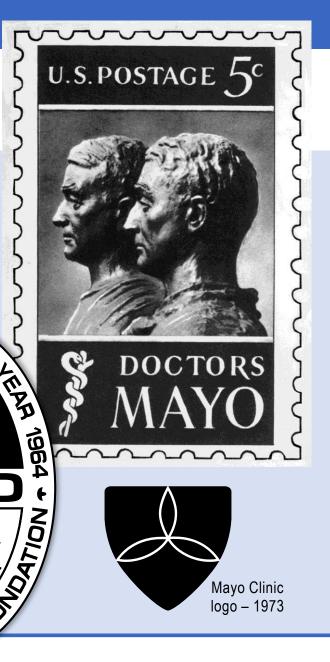
cc: Mr. Schuster

1.hm

The Mayo Centennial Year included scientific and cultural programming.

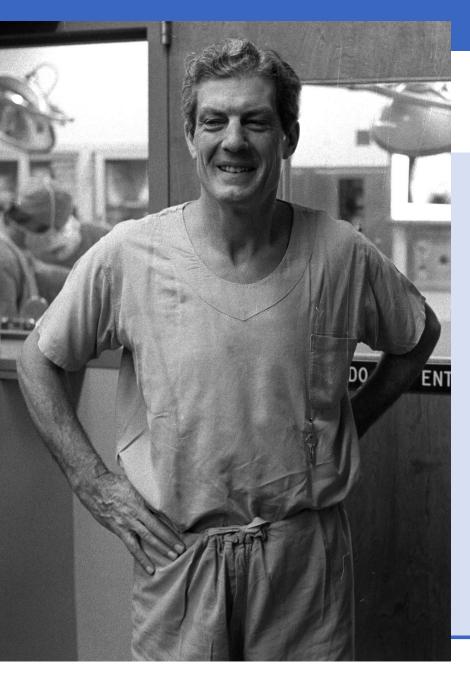
The U.S. Postal Service issued a stamp in honor of the Mayo brothers.

The centennial seal was the first depiction of practice (patient care), education and research, which were visually represented in the 1970s as the three-shield logo of Mayo Clinic.



The new Rochester Methodist Hospital building was dedicated.





Mayo Clinic surgeon Mark Coventry, M.D., implanted the first FDA-approved artificial hip joint.



Mayo Clinic introduced the CT scanner to North America, transforming the field of medical imaging.





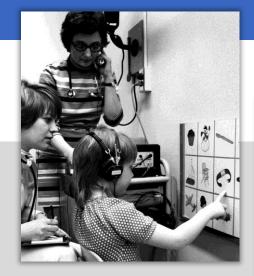
Mayo Medical School opened.

Raymond D. Pruitt, MD, was the school's founding dean.

Now named **Mayo Clinic Alix School of Medicine**, there are campus locations in Rochester, Scottsdale/Phoenix and Jacksonville.



▲ First Class







Training programs for allied health professionals were aligned in what today is known as Mayo Clinic School of Health Sciences.







Mayo Clinic logo – 1976

The Mayo One Air Ambulance began service.





Mayo Clinic, Saint Marys Hospital and Rochester Methodist Hospital integrated to form a single organization, a "trusteeship for health."







The Saint Marys Hospital
Sponsorship Board was
established to ensure the
hospital's Catholic Franciscan
identity and to uphold
the values of Mayo Clinic.



Mayo Clinic expanded to Jacksonville, Florida.





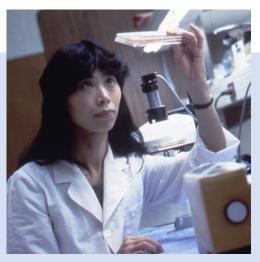


Mayo Clinic expanded to **Scottsdale**, **Arizona**.









Mayo Graduate School

was established.





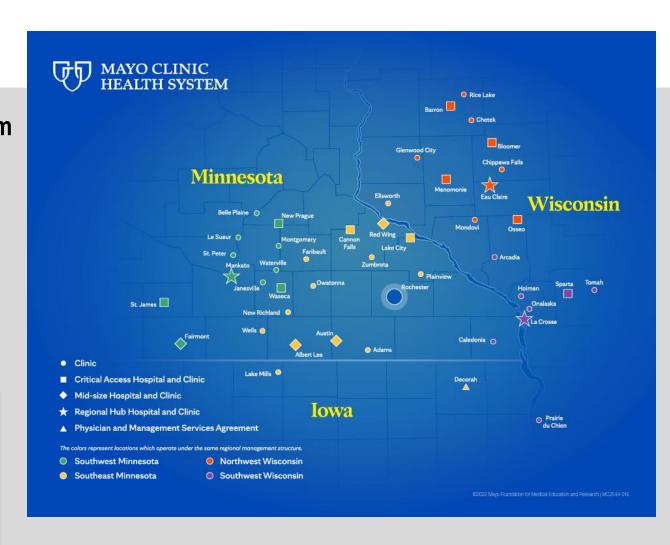


Photos from 1989 MGS brochure.

Mayo Clinic Health System was established, providing high-quality care in local communities with access to Mayo Clinic for specialty care.

#### **2022 Statistics**

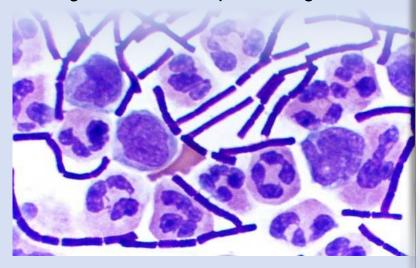
- Serves communities in MN, WI & IA
- •>1,100 physicians
- >14,000 allied health staff



Mayo Clinic Hospital opened in Phoenix, AZ.



Following the 9/11 terrorist attacks, Mayo Clinic developed a rapid test to diagnose anthrax poisoning.





## THE WALL STREET JOURNAL.

SPECIAL REPORT N - MAIN

#### Mayo Clinic and Roche Diagnostics Develop Rapid Anthrax Test

By

GEETA ANAND Staff Reporter of The Wall Street Journal

Updated Nov. 6, 2001 12:01 a.m. ET

The Mayo Clinic and Roche Diagnostics announced Monday that they have jointly developed a rapid anthrax test that can detect the potentially deadly bacteria in the environment and people in 30 minutes, and they plan to give the tests away free this week to 24 labs and health centers around the country.

The Centers for Disease Control and Prevention uses the same kind of test but isn't capable of providing it in large numbers. Wider availability of the test could help accelerate the detection of anthrax

Mayo Clinic opened a new 214-bed hospital on the Jacksonville campus.



# MAYO CLINIC Care Network Member









#### 2011

The Mayo Clinic Care Network was formed to extend Mayo's expertise and resources to health care organizations around the world.



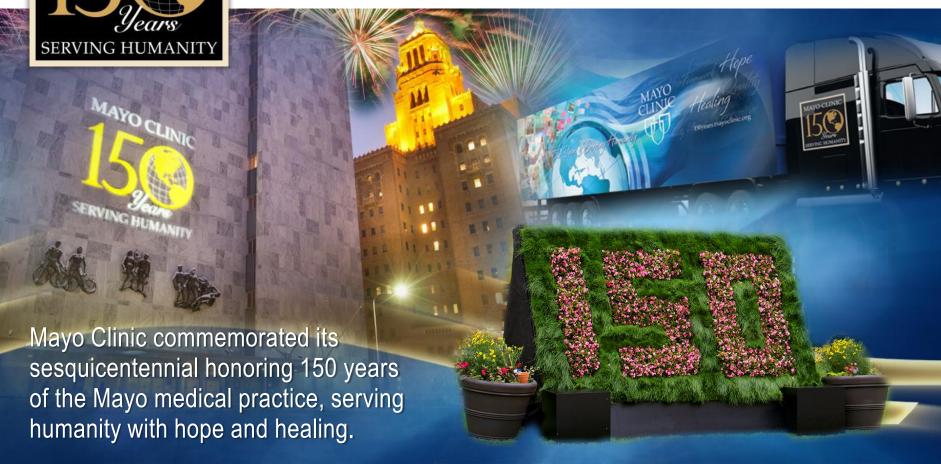
Altru Health System, Grand Forks, N.D.

Mayo Clinic, Altru Health System enter contractual affiliation, first member of the newly formed Mayo Clinic Care Network

May 19, 2011



#### 2013-2014



## **Mayo Clinic Today\***

RANKED HOSPITAL by U.S. News & World Report

5 schools

4,270 RESEARCH PERSONNEL

**76,000** EMPLOYEES

1.4 million UNIQUE PATIENTS from every state & 130 countries

Phoenix/ Scottsdale. Arizona



**MAIN CAMPUSES** 

Rochester, Minnesota

### **Mayo Clinic Today**

Mayo Clinic is one of the best-known and most-trusted names in medicine throughout the world.

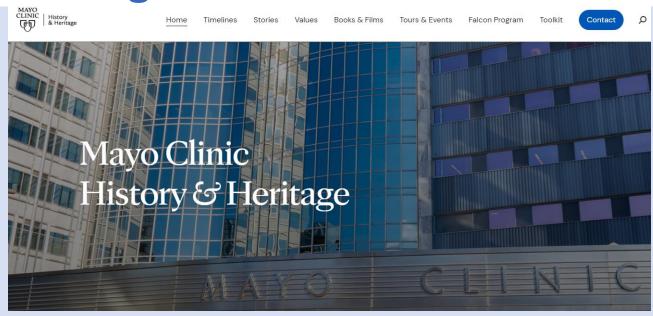
More than one million people receive care at Mayo Clinic locations each year, and millions more benefit from innovations and discoveries that provide answers, healing and hope.



www.mayoclinic.org

# For more information about Mayo Clinic history and heritage

- Films & Books
- Timelines
- Contributions to Medicine
- Quotations
- Tours & Events



History.mayoclinic.org