

The Texas Medical Center



In the 1930's an idea was formed that a great medical center should be built next to Hermann hospital. 70 years later, TMC has 42 not-for-profit members which are dedicated to the highest standards of patient and preventive care, research, education, and local, national, and international community well-being. This includes 14 renowned hospitals and two specialty schools of dentistry, public health, pharmacy, and virtually all health-related careers. Financial impact of TMC to the City of Houston is considered to be 10 billion dollars. In the year 2000, the time has come to preserve the history of medical devices and technology.



International Center for Medical Technologies Exhibit is located in the George Bush Heart Center and Cullen Pavillion of Memorial Hermann Hospital.

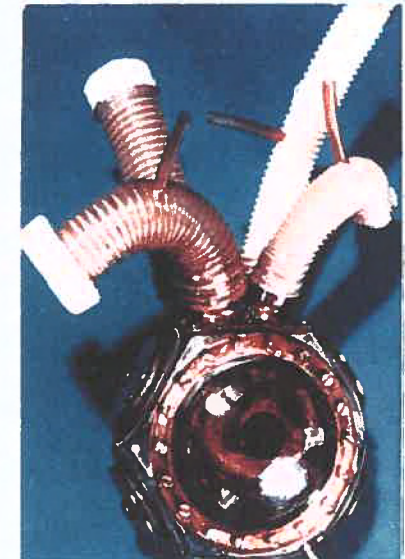
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ICMT is a non profit, non taxable corporation.

ICMT

**INTERNATIONAL
CENTER FOR
MEDICAL
TECHNOLOGIES**



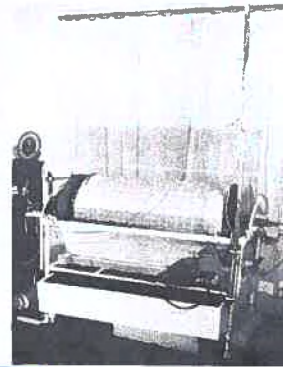
1959 Kolff Artificial Heart

International Center for Medical Technologies (ICMT)

The International Center for Medical Technologies (ICMT) has been formed and initially exhibit the **historical accomplishments of artificial organs; past, present, and future.** The displays in the George Bush Heart Center of Memorial Hermann Hospital focus on cardiovascular prostheses, oxygenators, artificial kidneys, and apheresis. These artifacts were collected from achievements throughout the years and have been collected from around the world. This provides patients and family members with a better understanding of their treatment, has historical value for doctors/scientists, and hopefully encourages the young to enter the world of medicine and/or bioengineering. This display is a historical treasure and is **part of the Smithsonian and American Society for Artificial Organs, "Project Bionics."**

The ICMT is a subsidiary of the International Center for Artificial Organs and Transplantation.

Kolff's original
rotating artificial
kidney used for
dialysing a patient in
1943.
(Holland)



Jarvik 7 Total
Artificial Heart -
1982
(Utah, USA)

Currently used
hollow fiber
hemodialyzer
Terumo - 1994
(Japan)



NEDO Permanently
Implantable
Centrifugal Blood
Pump - 1997
(Houston, USA)

The International Center for Artificial Organs and Transplantation (ICAOT)

The International Center for Artificial Organs and Transplantation (ICAOT) is operated and maintained as an information and education center and a museum for education of the professional and lay public in the historical development, current state of the art, and future development of artificial organs and organ transplantation **during the last 20 years.** Information on the history and development of artificial organs and organ transplantation is collected by and made available to professionals and students through the Center's library, museum, and its publications.

The ICAOT is located in Cleveland, Ohio in recognition of the city's pioneering role in the development of artificial organ technology and operated under the trusteeship of the International Society for Artificial Organs. **Currently over 2000 historically important medical hardwares are assembled by the ICAOT.**