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1980-1986

Donor Alliance's 25 Years of Living History



Donor Alliance was formed in 1997 as the result of a merger between Colorado Organ Recovery Systems (CORS) and the Mile High Transplant Bank (MHTB). This timeline is not only our history, but the history of organ and tissue donation and transplantation in our nation. We have done our best to capture the highlights. We dedicate this living history to the courageous men, women, children and their families who gave so generously of themselves so that others could live. It is also dedicated to the brave recipients who have given us the knowledge that any life given to save the life of another, is not lived in vain. Finally, we dedicate this to the daring medical professionals who challenge the conventions of science to save and enhance lives through organ and tissue donation.

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MHTB is formed by a grant provided by the Junior League of Denver

Dr. Jean Dausset wins the Nobel Prize in medicine for discovering HLA molecules, the organ donor antigens critical to tissue typing

Dr. Clive Callendar explores why minorities donate less frequently. Callendar identifies five reasons: lack of information, religious beliefs, fear of premature death, mistrust of the medical community and racist fears that organs and tissues will only go to Caucasians

The Surgeon General of the United States hosts a workshop to increase organ donation. His challenge, "...expand the enterprise through increased donation, so that all who need transplantation will benefit"

81

First successful heart/lung transplant performed by Dr. Norman Shumway and Dr. Bruce Reitz at Stanford Medical Center

A presidential commission under President Ronald Reagan refines the concept of brain death and proposes a Uniform Determination of Death Act (UDDA), which all states in the U.S. and countries in the western world adopt

82

Dr. William DeVries implants the first artificial heart into a Salt Lake City man

The parents of 11-month-old Jamie Fiske mount a media campaign to find a liver donor for their daughter. Among those who join the appeal is President Ronald Reagan. Jamie receives a liver and this act contributes to the passage of a federally mandated system for organ allocation in 1984

The Lions Club of Colorado and Wyoming charter an eye bank known today as the Rocky Mountain Lions Eye Bank in Denver

83

First successful single-lung transplant is performed by Dr. Joel Cooper at Toronto General Hospital in Ontario, Canada

Cyclosporine, the first of a number of drugs that effectively treat organ rejection by suppressing the human immune system, is introduced

Human Tissue Act of 1983 is signed

MHTB participates in the Science of Transplantation program at the Hall of Life at Denver's Museum of Nature & Science

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Surgeons at the Loma Linda University Medical Center in California transplant the heart from a seven-month old baboon, into a baby girl known as "Baby Fae." She lives for twenty days, and dies of kidney failure

The National Organ Transplant Act (NOTA) passes, establishing the Organ Procurement and Transplant Network (OPTN) to guarantee fairness in the distribution of donated organs. This same federal law also forbids the sale of organs and tissues

Cyclosporine becomes commercially available; transplant list continues to grow

85

CORS receives federally designated Organ Procurement Organization status from the Health Care Financing Administration (HCFA)

Everett Spees M.D. of St. Luke's Hospital in Denver performs the first deceased donor kidney transplant in November

Study shows that 71 percent of respondents believe that if someone signs a donor card, relatives should not be allowed to overrule that decision

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Denver's Porter Adventist Hospital begins its Kidney Transplant Program under the direction of Brack Hattler, M.D. and Chakko Kuruvila M.D.

First successful double-lung transplant performed by Dr. Joel Cooper at Toronto General Hospital in Ontario, Canada

The United Network for Organ Sharing (UNOS) is awarded the initial federal contract to operate the OPTN

The monoclonal antibody for kidney transplants is the first biotechnologically-derived product to gain FDA approval for use within the body. Clinical trials of the product show kidney rejections are reversed in 94 percent of patients

Researchers Folkert Belzer M.D. and James Southard Ph.D. of the University of Wisconsin-Madison, develop the UW solution – a synthetic solution that increases storage time from six to 36 hours for organs such as livers and pancreata

MHTB hosts 'Bronco Picture Days' where members of the community get photographed with Denver Bronco players

The collage includes:

- FORT COLLINS COLORADOAN** (Wednesday, December 20, 1984): Headline: "Non-profit regional center for human organs formed". Article: "Wyoming man's organs bring hope for others".
- MILE HIGH TRANSPLANT BANK**: Logo featuring two stylized figures.
- Rocky Mountain News** (Friday, December 20, 1985): Headline: "Multi-organ donor to aid 100 people". Article: "St. Vincent staff helped coordinator with surgery".
- COLORADO ORGAN RECOVERY SYSTEMS** logo: "COLORADO ORGAN RECOVERY SYSTEMS" with a sun icon.
- SURGEON GENERAL'S WORKSHOP ON INCREASING ORGAN DONATION**: Introduction and "Historical Perspective on Organ Transplantation and Donation".
- Psychology Today** (December 1985): Headline: "Spare parts". Article: "Porter hospital planning January kidney transplant".
- ORGAN TRANSPLANTATION** (Issues and Recommendations): Logo featuring mountains.
- Wyoming man's organs bring hope for others** (Continuation of Fort Collins Coloradoan article).
- Antonia C. Novello, M.D., M.P.H., Surgeon General, U.S. Public Health Service, Washington, D.C.**
- David E. R. Sutherland, M.D., Ph.D., Professor of Surgery, University of Minnesota, President, American Society of Transplant Surgeons**

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1987-1996

Donor Alliance's 25 Years of Living History

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All hospitals receiving Medicare and Medicaid reimbursements are required to establish programs to encourage organ and tissue donation

Congress authorizes the President to issue a proclamation observing the week of April 26 through May 2, 1987 as "National Organ and Tissue Donor Awareness Week"

Medicare begins paying for heart transplants at hospitals meeting certain criteria set by HCFA

First pediatric heart transplant takes place

MHTB forms the nation's first tissue bank cooperative

CORS reports on a Gallup Poll showing 93 percent of Americans would consent to donation

88

The University of Colorado Hospital begins its Heart Transplant Program under the direction of JoAnn Lindenfeld M.D. and David Campbell M.D.

Americans Dr. George Hitching and Dr. Gertrude Elion, and Englishman Dr. James W. Black win the Nobel Prize in Medicine for developing drugs and principles of treatment that suppress the immune system

Everett Spees M.D. begins the Pancreas Transplant Program at St. Luke's Hospital in Denver

First split-liver transplant is performed with two recipients at the Paul Brousse Hospital in France

The University of Colorado Hospital begins formal Kidney, Liver and Pancreas Transplant Programs under the direction of Igal Kam, M.D.

First bowel transplant performed

89

The number of tissue transplants in the U.S. exceeds 200,000

The Transplant Council of the Rockies, a not-for-profit alliance of local organizations is formed to educate the public about organ and tissue donation

First successful living-donor liver transplant performed by Dr. Christoph Broelsch at the University of Chicago

CORS receives federal grant to evaluate and characterize the region's donor pool

90

David Campbell M.D. begins The Children's Hospital Cardiac Transplant Program in Denver

"Patches of Love," a national donor quilt is created by a mother who lost her youngest daughter

The Children's Hospital begins their Liver Transplant Program under the direction of Fritz Karrer M.D.

A survey conducted by researchers at three Universities, finds that black people wait an average 139 months for a kidney transplant while white people wait about 76 months

First successful living-donor lung transplant performed by Dr. Vaughn A. Starnes at Stanford Medical Center

91

The University of Colorado Hospital begins its Lung Transplant Program under the direction of Frederick Grover M.D. and Martin Zamora M.D.

Patient Self-Determination Act passes, encouraging the use of advanced directives such as living wills and decisions about organ and tissue donation

The Rabbinical Council of America (Orthodox) approves organ and tissue donation as permissible, and even required, from brain-dead patients

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MHTB forms the Transplant Foundation, which functions as a corporate foundation and vehicle for contributions from 1993 to 1997

At Porter Adventist Hospital, Ben Vernon M.D. begins the Pancreas Transplant Program and Eric Kortz M.D. begins the Liver Transplant Program

National Donor Family Council (NDFC) is created by the National Kidney Foundation

The Coalition on Donation, a Richmond, Virginia based not-for-profit alliance of national organizations and local affiliates forms to educate the public about organ and tissue donation

UNOS prepares first-ever comprehensive report on transplant survival rates for all active U.S. transplant centers

93

The FDA introduces donor eligibility rules for tissue donation

National Kidney Foundation conducts the first-ever national survey of organ and tissue donor families documenting current experiences throughout the donation process

94

AlloSource is founded as one of the nation's largest non-profit processors of bone and soft-tissue allografts

Kenneth V. Iserson, M.D. publishes "Death to Dust: What Happens to Dead Bodies?," a book which answers many questions including how organs and tissues are recovered and transplanted

Medicare publishes conditions for hospital participation in organ and tissue donation programs

95

Porter Adventist Hospital in Denver transplants a kidney from an Oklahoma City bombing victim

The FDA approves CellCept (mycophenolate mofetil), a new immunosuppressant drug that will reduce the incidence of organ rejection following transplantation

96

Michael Jordan signs on as the national spokesperson for organ and tissue donation

1987: Michael Jordan campaign update, "SLAM DUNK!" featuring him and his wife, Valerie. Headlines include "Gifts Of Life: The Importance of Organ & Tissue Donation" and "St. Luke's does its first heart transplant".

1988: "Slain boy's organs given to 5 others" (Associated Press). "Advances in Organ Procurement in 1988".

1989: "Organ & Tissue DONATION Share your life. Share your decision." (UNOS poster).

1990: "KEEP IN UPRIGHT POSITION ORGAN/TISSUE FOR TRANSPLANT HANDLE WITH CARE" (UNOS poster).

1991: "FINANCING TRANSPLANTS" table showing costs for various organs.

1992: "A Call for More Donors" (New York Times). "Blacks wait for kidneys" (Denver Post).

1993: "PATIENT TRIES OUT NEW ELBOW" (Denver Post). "AT LAW From Canada with Love: Anencephalic Newborns as Organ Donors?" (New York Times).

1994: "Bone grafts help man walk after hip-crushing accident" (Denver Post).

1995: "Colorado Organ Recovery Systems 1988 Organs Recovered Locally" pie chart.

1996: "Michael Jordan is..." (Denver Post). "Patient tries out new elbow" (Denver Post).

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1997-2001

Donor Alliance's 25 Years of Living History

97

Donor Alliance is formed through the merger of CORS and MHTB

Vice President Al Gore announces a new five-year initiative to promote organ and tissue donation in the U.S.

Ryan Tripp of Salt Lake City, Utah at the age of 12, rides his lawn mower across the country to raise awareness of the need for organ and tissue donation

98

The United States Post Office releases the first organ and tissue donation postage stamp

SB 98-072 in Colorado, establishes that a donor's declaration is irrevocable and does not require consent or concurrence of any person after the donor's death

Deputy Surgeon General Dr. Kenneth Moritsugu helps lead a campaign to increase organ and tissue donation

Conditions of Participation (CoP) in Medicare and Medicaid are revised, requiring hospitals to call the OPO on every death

Department of Health & Human Services (HHS) regulation of OPTN is placed on hold after the U.S. District Court in Louisiana issues a temporary injunction preventing its implementation

Twin-engine plane carrying a Wisconsin transplant team crashes. The recovery team survives, but the heart and lung are lost in the accident

99

UNOS launches UNet, a secure, internet-based transplant information database system for all organ matching and management of transplant data

Boulder sculptor Susan Grant Raymond creates an art sculpture called, 'The Gift' in Donor Alliance's honor, which is donated to Hudson Gardens in Denver

Vice President Al Gore announces a \$13 million dollar grant program to increase awareness of organ and tissue donation

UNOS unveils an online data information service for patients and families. Site is aimed at giving the public a better understanding of the process of transplantation

CryoLife, a tissue processor in Georgia, reports success in the first-ever tissue-engineered heart valve transplant in a human patient

Secretary of HHS, Donna Shalala, asks the transplant community to trust their desires to make the transplant system more safe

President Bill Clinton signs the first federal employee organ donation leave act

HCFA's attempt to open up competition for service areas covered by low performing OPOs is thwarted by Congress. Members argue that, "...the current data being used to calculate compliance with the performance standards are flawed"

00

HHS publishes Final Rule (federal regulation) for the operation of OPTN

Donor Alliance hosts the first Donor Dash, a 5K race in Denver's Washington Park

The University of Colorado Hospital transplants its 1,000th adult kidney

HHS expands its donation initiative to include living donation

Wyoming Cares, Wyoming Shares becomes effective to raise funds for organ and tissue donation awareness

01

For the first time, the number of living organ donors surpasses the number of deceased organ donors

Donor Alliance hires Family Support Coordinators who are dedicated to working with donor families. Several of those hired are bilingual, allowing communication with Spanish speaking families

Guidance is issued to the professional nursing community about its role in organ and tissue donation

Donor Alliance recovers organs and tissue from its first Donation after Cardiac Death (DCD) donor

The FDA publishes human cell and tissue product regulations

AlloSource launches their joint restoration program, providing a new line of fresh allografts specifically for joint repair

Governor and Mrs. Owens issue a public awareness campaign called "Week of the Family," encouraging families to discuss organ and tissue donation

Secretary of HHS, Tommy G. Thompson, launches the Workplace Partnership for Life initiative

Donor Alliance implements the Colorado Organ & Tissue Donor Registry, www.ColoradoDonorRegistry.org

In the wake of September 11, TravelAire Charter has the first plane in the air transporting a coordinator to Casper, Wyoming for an organ recovery

1997: A postage stamp featuring a stylized couple sharing a heart, with the text "Organ & Tissue Donation Share your life... USA 32". Below it is a Wyoming Shares logo with a horse and rider.

1998: A news clipping from The Associated Press titled "Congress to challenge Clinton policy on organ transplants" by Laura Meckler. It discusses a bill introduced by Rep. John Murtha (D-Pa.) to overturn Clinton's executive order on organ transplantation.

1999: A news clipping from The Associated Press titled "Analysis of donor versus nondonor demographics" by Ronald N. Ehrle, RN, BSN, CPTC, Teresa J. Shafer, RN, MSN, CPTC, Kristine R. Nelson, RN, MSN, CPTC. It discusses the demographic differences between organ donors and non-donors.

2000: A news clipping from The Associated Press titled "Referral, Request, and Consent for Organ Donation: Best Practice—A Blueprint for Success" by Ronald N. Ehrle, RN, BSN, CPTC, Teresa J. Shafer, RN, MSN, CPTC, Kristine R. Nelson, RN, MSN, CPTC. It provides guidelines for organ donation.

2001: A graph titled "Figure 1: Numbers of organ donors and waiting potential recipients from 1988 through 1997" showing a sharp increase in both donor numbers and recipient wait times. A news clipping from The Associated Press titled "Recycle Yourself: Be an Organ & Tissue Donor." It features a green recycling symbol and a headline about the "Say Yes" campaign.

2002-2005

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Donor Alliance's 25 Years of Living History

02

Religion & Ethics NewsWeekly publishes a cover story on organ and tissue donation focusing on the ethics of buying and selling organs

Donor Alliance launches its first-ever Registry appreciation campaign at Peaberry Coffee with the theme, "Help Someone Wake Up to Another Cup of Coffee."

National Donation after Cardiac Death (DCD) policy is introduced. Experts predict the policy change could increase the number of eligible donors by 14 percent

Chris Klug wins Olympic Bronze medal after receiving a liver transplant from the University of Colorado Hospital

The Model for End-Stage Liver Disease (MELD) and Pediatric End-Stage Liver Disease (PELD) are created for liver allocation. The MELD and PELD scores are based on a patient's risk of dying while waiting for a liver transplant, and are based on objective and verifiable medical data

03

Donor Alliance implements the Wyoming Organ & Tissue Donor Registry, www.WyomingDonorRegistry.org

Donor Alliance creates the Donor Alliance Foundation, which is designed to develop and strengthen Donor Alliance's credibility and visibility in the community

Wyoming announces that 80 percent of licensed drivers said yes to donation by joining the Wyoming Donor Registry

HRSA launches the Organ Donation Breakthrough Collaborative. Donor Alliance is chosen as one of six "best practice" sites for its Family Support Coordinator model

Transplant surgeons at Johns Hopkins perform the first triple-kidney transplant operation

UNOS adopts new rules to clarify how hospitals and organ procurement organizations verify critical medical information after a 17-year-old girl dies because her donated organs did not match her blood type

04

The Coalition on Donation enters first-ever organ and tissue donation parade float, "A Symphony of Life" into the Tournament of Roses Parade. Donor Alliance sends Brittney Andrews, a heart recipient, to ride on the float representing Colorado

Donor Alliance recovers organs from 100 local donors and tissues from 601 local donors – record numbers for the organization

The Children's Hospital in Denver receives a federal grant to conduct the first pediatric DCD transplant in the nation

The nation celebrates the 50th Anniversary of the first organ transplant, when Dr. Joseph E. Murray performed the world's first successful living donor kidney transplant in Boston, Massachusetts on December 23rd 1954

18-year-old Nikki Fix of Eaton, Colorado receives live joint tissue to replace her elbow. In 2003, Fix received a knee joint from a different donor

UNOS introduces new rules to make it easier for African Americans to receive kidney transplants

Presbyterian/St. Luke's Medical Center conducts the first-ever transplant arranged by a commercial internet matching site

39 percent of organ donors and 51 percent of tissue donors are on the Colorado and Wyoming Donor Registries

Donor Alliance is accused of killing a man for his organs. Montrose coroner makes an accusation that has national and international implications. After an investigation, Donor Alliance is vindicated and the number of people signing up to be donors increases as a result

Donor Alliance facilitates the first islet cell transplant in Colorado at the University of Colorado Hospital

Donor Awareness Council (formerly the Transplant Council of the Rockies) announces that 59 percent of licensed drivers said yes to donation by joining the Colorado Donor Registry

05

A Columbine shooting victim who received a tissue transplant, rides on the Tournament of Roses Parade Float, "Many Families One Gift" with her family

The University of Colorado Hospital hosts a dinner celebrating its 1,000th liver transplant since 1988, honoring the work of Igal Kam, M.D.

HHS publishes Centers for Medicare and Medicaid Services (CMS) proposed regulations for OPOs and transplant centers

Donor Alliance takes the Science of Transplantation from the Hall of Life, re-brands the program and implements it in Junior and Senior high schools throughout Colorado

Presbyterian/St. Luke's Medical Center celebrates their 1,000th kidney transplant

Donor Alliance has a record number of participants at the Donor Dash, with 815 runners and walkers

50th Anniversary of the first successful cornea transplant conducted by Dr. Eduard Zirm in 1905

On September 29th Donor Alliance recovers organs from the 101st donor, exceeding the organization's all time high of 100 in 2004



Organs from Non-Heart-Beating Donors: An Answer to the Organ Shortage

David D. Lewis, RN, BSN, CPTC
Wendy Valerius, RN, BSN, CPTC

Donor Awareness Council
Say Yes To Organ & Tissue Donation



Y2K DONOR DASH

CELEBRATING DONATION AND HAVING FUN

State law ensures organ donors' wishes

Registry enables donation without survivors' authorization

Organ removal ruled homicide



Policy change could ease organ shortage

Nationally, organ donation experts predict the change could increase organ donors. The organ were harvested

Tougher transplant rules

Informal matches blood-type. The network, which runs the United States, has already put into place most of the

Casper Journal
Wyomingites readily give the gift of life as organ donors

Sue Dunn of the Donor Alliance speaks at a Tuesday news conference in Montrose where District Attorney Thomas Raynes, left, aid all hospital tests and procedures on William Rardin to determine brain death were done properly.

Committee faults coroner

Review panel says ruling of homicide by organ removal was mistake

Limited number of donors made it difficult to locate new heart

Leslie McCall, 20, got from actor Will Smith after she received her new heart. "You see, I've been in love with him since I was 7 years old," she said. McCall was born with a heart defect.

An autographed photo was among the gifts that Leslie McCall, 20, got from actor Will Smith after she received her new heart. "You see, I've been in love with him since I was 7 years old," she said. McCall was born with a heart defect.

McCall's victory colored bronze

By Barry Horn
The Dallas Morning News

1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005