


CELEBRATING **45** YEARS

Focused on the Future of Transplantation



Vision without action is a dream. Action without vision is simply passing the time. Action with vision is making a positive difference. —Joel Barker

Every day, the staff of Tissue Banks International perform actions that bring renewed health and hope to men, women, and children around the world. In FY2007, TBI celebrated 45 years of providing life-changing tissue for transplant. It has grown from a single eye bank to a global network that provides tissue for more than 100,000 surgeries each year.

 To guide TBI programs, TBI's Executive Staff developed a new five-year strategic plan in FY2007. By defining specific strategic priorities and setting concrete goals, the strategic plan guides the actions we take to accomplish our vision: To advance TBI as a premier allograft tissue provider and a magnet for future innovations in biologics and tissue transplantation: a recognized worldwide leader in the field of tissue banking.



Donor Outreach

The success of all TBI programs is dependent on the compassionate gift of donated tissue made by individuals or their loved ones. This powerful choice, made at a moment of loss, is also an immense opportunity to give generously and help others.

TBI's Donor Outreach staff promote and encourage donation in their communities, as well as oversee recovery operations to ensure that the precious gift of donated tissue is used appropriately and to help as many people as possible.

In FY2007, the Medical Eye Bank of Maryland, in collaboration with the state's Organ Procurement Agencies, the Living Legacy Foundation of Maryland and the Washington Regional Transplant Community, began to plan for a statewide electronic donor registry. The registry will make next-of-kin aware of their loved one's wishes, helping ensure those wishes are honored. The Connecticut Eye Bank and Visual Research Foundation took another step towards helping relieve human suffering: they launched a recovery program for skin, bone, and cardiovascular tissue. The program supplements efforts by the local Organ Procurement Agency, LifeChoice Donor Services, to recover tissue that can be used in a variety of life-enhancing surgeries.

TBI continued to strengthen its donor outreach programs through partnerships with One Legacy in Southern California, New England Organ Bank, and Community Tissue Services in Toledo. These partnerships yield enhanced transplant services to patients, donor families, hospitals, surgeons, and other important constituencies. In their communities, these partner organizations direct donor outreach and donor tissue recovery. Once donation and donor recovery

Dr. Mario Cruz Brizuela, CEO of Banco de Tejidos de Fundalev, Lucy Carmona, BTF Donor Coordinator, and Daniel De'Lap, TBI's Director, International Programs at the new BTF offices in San Salvador.



are complete, TBI oversees safety screening, processing, evaluation, and ultimate distribution to surgeons and patients from its two centers of excellence – The National Processing Center and The National Eye Bank Center. A similar agreement with the Sharing Network in New Jersey was launched in FY2007, and partnerships with Florida Tissue Services (a subsidiary of LifeNet Health), Sierra Nevada Tissue Bank, and South Texas Blood & Tissue Center promise to yield numerous positive outcomes for transplant recipients for many years to come. These successful collaborations allow TBI to maximize the strengths of our organization and enable us to provide more efficient, streamlined services.

TBI's Donor Development activities are the crux of our life-changing work. Over the coming years, we will continue to focus on encouraging greater numbers of people to donate so TBI can help even more individuals through the provision of tissue for transplant, research, and education. This means building strong relationships with hospitals, funeral homes, and coroners. It means continuing to look for the most effective ways to provide our services. And it means promoting the compassionate choice of donation in all of the communities we serve.

International Programs

In FY2007, TBI continued to expand the reach of Rotary Eye Rescue, a project that provides corneal tissue for transplant with no associated processing fees to medically underserved areas of the world. The program began as a collaboration between the Rotary Club of Los Angeles, Rotary District 5280, and TBI. A successful project in El Salvador brought sight to 25 people from towns throughout the country. This

paved the way for TBI's International Federation of Eye and Tissue Banks (IFETB) to work with local Salvadorans to help establish a nationwide eye banking program, laying the foundation for a long-term solution to the country's needs.

The new eye bank is known as Banco de Tejidos de Fundalev, and has the full support of the government, medical, and religious

communities. The eye bank's launch was assisted by the Meza Foundation and the Frederick N. Griffith Foundation, which made grants to cover initial equipment and personnel costs, and the University José Matías Delgado, which provided space and support for the eye bank's facility.

What was dramatically accomplished in El Salvador represents a new eye banking model for IFETB. While TBI will continue to provide support to eye and tissue banks of all sizes, the emphasis for new member programs will be on national eye and tissue banking systems that serve the entire population of a country or region. By strategically focusing on developing larger programs, IFETB can offer renewed health to more people throughout the world.

The National Processing Center

Researchers at TBI's National Processing Center (NPC) are advancing the knowledge base and technology used in the processing of bone material for use in spinal fusion surgeries. Patents were awarded to NPC for the Cervical and Lumbar Interbody Fusion Implants, the Posterior Lumbar Interbody Fusion Implant, the Transforaminal Lumbar Interbody Fusion Implant, and the Anterior Lumbar Interbody Fusion Implant. Each of the allograft implants patented by TBI are composed of machined bone, processed at NPC using Computer Numerically Controlled machining.

Researchers and engineers at NPC also designed specialized instrument sets for use in two of these spinal surgeries: the Anterior Lumbar Interbody Fusion (ALIF) and the Cervical Fusion Implant. Spinal fusion is a surgical procedure used to address compression on surrounding nerve tissue that can result in pain, numbness, and loss of motor

function. The goal of spinal fusion is to fuse two or more vertebrae into one solid piece of bone which will restore spacing between the vertebrae and return, as much as possible, natural alignment and balance of the spine.

NPC remains dedicated to the TBI mission of relieving human suffering. To that end, a major facility expansion was planned in FY2007 and will be completed and fully operational in FY2008. The larger facility will offer new opportunities to grow the scope of work carried out at NPC. Initially, this will enable TBI to begin processing and distributing epidermal skin for the treatment of burn patients.

The National Eye Bank Center

During its second year of operations, The National Eye Bank Center expanded its volume by nearly 100%. The popularity of pre-cut corneal tissue is growing steadily, and more than half of the tissue requests received by TBI for use in endothelial keratoplasty are for pre-cut corneas. The NEBC distributed its one-thousandth pre-cut cornea allograft and its first cornea graft prepared with the femtosecond laser in FY2007. On the cutting edge of technology, The NEBC is one of only a handful of eye banks equipped with the femtosecond laser, which is used to produce pre-cut allografts for both anterior lamellar and full thickness cornea transplants.

As the success of the The NEBC continued, fundraising began for the second phase of the NEBC Campaign and generous leadership gifts were secured from the Memphis-based Plough Foundation and Alcon.

The National Eye Bank Center is planning an expansion of size and scope over the coming year. To meet rapidly growing demand for tissue, and pre-cut corneas in particular, expanded clean-room laboratory and office space will be added, nearly doubling processing capacity. A research and training program, including a state-of-the-art wet lab facility, will be launched to meet the needs of scientists studying the causes and cures of blindness.

Statement of Activities

TBI/Tissue Banks International

FYE June 30

	2007	2006
Revenues		
Public support and contributions	\$ 821,394	\$ 3,297,436
Reimbursement of tissue handling costs	27,079,225	25,478,773
Reimbursement from affiliates for network services	2,410,828	2,120,704
Endowment income and other interest	591,553	269,502
Other income	38,137	152,288
TOTAL REVENUES	\$ 30,941,137	\$ 31,318,703
Expenses		
Services and programs:		
Medical services	\$ 25,504,177	\$ 23,478,470
Research	624,965	666,512
Public health education	642,540	712,062
International outreach	735,619	848,733
Supporting services:		
Management and general	1,912,558	2,114,465
Fund raising	302,513	322,145
Total Expenses	\$ 29,722,372	\$ 28,142,387
Change in Net Assets*	\$ 1,218,765	\$ 3,176,316
TOTAL EXPENSES		
AND CHANGE IN NET ASSETS*	\$ 30,941,137	\$ 31,318,703

*Does not include FASB 158 accounting adjustment for pension plan funding.

Executive and Senior Staff

TBI/Tissue Banks International

Executive Staff

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*Vice President,
National Processing Center Operations*

Donald E. Ward

*Vice President,
The National Eye Bank Center*

A HISTORY OF GROWTH AND INNOVATION

1962	1975	1989	1995	2005
TBI's cornerstone eye bank, the Medical Eye Bank of Maryland, is established.	TBI network of eye and tissue banks begins with the addition of a second eye bank, the Medical Eye Bank of Florida.	The International Federation of Eye and Tissue Banks is created to relieve human suffering worldwide.	TBI continues to evolve and begins processing first multi-tissue allografts at the National Processing Center.	TBI establishes The National Eye Bank Center—the first centralized eye banking facility of its kind.



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Timonium, MD

Bruce P. Sawyer

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Baltimore, MD

George O. Waring III, M.D.

Atlanta, GA

U.S. Locations

Connecticut Eye Bank & Visual Research Foundation, Inc.

New Britain, Connecticut

Doheny Eye & Tissue Transplant Bank Lions Doheny Eye Bank

Los Angeles, California

Dohney Eye & Tissue Transplant Bank Of Central Coast

Thousand Oaks, California

Lions Eye Bank of District 2T-1

Amarillo, Texas

Lions Eye Bank of North Dakota

Bismarck, North Dakota

Lions Eye Bank of West Central Ohio

Dayton, Ohio

Medical Eye Bank of Florida

Orlando, Florida

Medical Eye Bank of Maryland

Baltimore, MD

New England Eye & Tissue Transplant Bank

Newton, Massachusetts

New Mexico Lions Eye Bank

Albuquerque, New Mexico

Northern California Transplant Bank

Oakland, California

Orange County Eye & Tissue Bank

Santa Ana, California

San Antonio Eye Bank

San Antonio, Texas

Southwest Transplant Alliance

El Paso, Texas

TBI National Processing Center

San Rafael, California

The National Eye Bank Center

Memphis, Tennessee

Washington Eye Bank

Washington, D.C.

Other Participating Locations

Alamo Tissue Bank

San Antonio, TX

Central Ohio Lions Eye bank

Columbus, OH

Florida Tissue Services, LifeNet Health

Pensacola, Florida

New England Organ Bank

Newton, Massachusetts

OneLegacy

Los Angeles, California

RTI Donor Services, Western Division

Dallas, TX

The Sharing Network

Springfield, NJ

Sierra Nevada Tissue Bank

Reno, Nevada

South Texas Blood & Tissue Center

San Antonio, Texas

International Locations

International Accredited Sharing Members

Associated Tissue Bank Kosice

Kosice, Slovakia

International Eye Bank of Bratislava

Bratislava, Slovakia

International Eye Bank of Prague

Czech Republic

Santa Lucia International Eye Bank of Manila

Manila, Philippines

Warsaw Eye Bank

Warsaw, Poland

National Accredited Sharing Members

A. Edward Maumenee International Eye Bank of Venue Institute

New Delhi, India

Eye Bank Coordination and International Research Centre

Mumbai, India

International Eye Bank Ankara

Ankara, Turkey

Istanbul Medical Faculty

Lions Eye Bank

Istanbul, Turkey

Lions International Eye Bank

Bangalore, India

National Eye Bank of Ethiopia

Orbis International

Addis Ababa, Ethiopia

Nepal Eye Bank

Kathmandu, Nepal

Ort-Mohler International

Eye Bank

Chittagong, Bangladesh

Ramayamma Eye Bank

Hyderabad, India

Rotary-Aravind International

Eye Bank

Madurai, India

Provisional Members

International Eye Bank of Sofia

Sofia, Bulgaria

Cairo University Eye Bank

Cairo, Egypt

The Banco de Tejidos de Fundalev

San Salvador, El Salvador

Sandhani International Eye Bank

Dhaka, Bangladesh

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American University of Beirut Medical Center Eye Bank

Beirut, Lebanon

BeijingTong Ren Eye Bank

Beijing, People's Republic of China

Chaim Sheba Medical Center Eye Bank

Tel Hashomer, Israel

Department of Ophthalmology Eye Bank

Chandigarh, India

El-Maghraby Eye Hospital Eye Bank

Jeddah, Saudi Arabia

Elmex Eye Bank

Vadodara, India

Eye Bank Association of India

Hyderabad, India

(Institutional Member)

Eye Bank of Greece & Cornea Transplantation Unit

Thessaloniki, Greece

Fu Dan University Eye Bank

Shanghai, People's Republic of China

Ibn El Nafees Hospital Eye Bank

Damascus, Syria

Institute of Ophthalmology and Eye Hospital Eye Bank

Quingdao, People's Republic of China

International Eye Bank of Kaunas

Kaunas, Republic of Lithuania

International Eye Bank of Lublin *Lublin, Poland*

International Eye Bank of Mandalay

Union of Myanmar

International Eye Bank Yangon

Union of Myanmar

King Khaled Eye Specialist Hospital Eye Bank

Riyadh, Saudi Arabia

Lions Croatian Eye Bank

Zagreb, Croatia

Lions Eye Bank of Melbourne

East Melbourne, Australia

Road El Farag Eye Hospital Eye Bank

Cairo, Egypt

Singapore Eye Bank

Singapore

Tarun Mitra Mandal Yuvraj Eye Donation Movement

Mumbai, India

(Institutional Member)

Tun Hussein Onn Eye Hospital

Kuala Lumpur, Malaysia



TBI/Tissue Banks International

A Non-Profit Eye and Tissue Banking Network

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Visit our website at www.tbionline.org

Tissue Requests

Allograft: 800-922-3100

Ocular: 800-858-2020

Outside of U.S.: 1-410-752-3800 (x500)

Fax: 410-727-3843

E-Mail: tissue@tbionline.org