

Kiwanis Pediatric Trauma Institute  
2009 Annual Report



[www.kpti.org](http://www.kpti.org)

617-636-6381

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## Director’s Message

Dear New England Kiwanians;

Because of your support, the Kiwanis Pediatric Trauma Institute program continues to reach tens of thousands of children across New England each year. During the past year, KPTI has been able to constantly re-evaluate the effectiveness of programs and provide the greatest value to all parties involved. The following report will outline the activities of the year, giving you, our major supporters, the facts on how your donations are used and what you have provided to the New England community. On behalf of the Kiwanis Pediatric Trauma Institute, the Floating Hospital at Tufts Medical Center, as well as the children of New England and the world, thank you for your generosity and continued support.

Sincerely,

Dr. Walter Chwals  
Director

## What is KPTI?

**The Kiwanis Pediatric Trauma Institute (KPTI) is dedicated to the specialized care of pediatric trauma patients and to the health and safety of all children.**

KPTI, located in Boston, Massachusetts, is a partnership between New England Kiwanians, Kiwanis Foundation of New England, and the Floating Hospital for Children at Tufts Medical Center. The institute supports programs in three major areas:

- **Medical Treatment**
- **Pediatric Trauma Research**
- **Injury Prevention and Public Awareness**

The greatest killer of children in developed nations is not a disease, but accidental injury or *pediatric trauma*. It kills more children than all diseases combined. Every year in the United States, nearly 10,000 children die and another 100,000 are permanently disabled because of accidental injury.

For 25 years KPTI has been helping to reduce the number of accidents, but no matter how careful we are, some children will suffer severe injuries. Children are not miniature adults and respond to trauma in ways very different from adults.

That's why KPTI has an entire system designed to respond to pediatric trauma, which includes well trained emergency medical technicians, local hospitals that can treat most injured children and a regional pediatric trauma center to which the most severely injured children will be sent for treatment by a team of doctors well versed in the special needs of the patient.

The KPTI GenRe Research Center is conducting research into the special problems of closed head trauma in children to advance our knowledge for treatment of these injuries.

Our community outreach programs are designed to bring information in a fun and engaging format to parents and children, promoting a safe childhood for every child.

KPTI is a non-profit, tax exempt organization. The programs and services provided by the Institute are supported by the Floating Hospital for Children at Tufts Medical Center, Kiwanis Foundation of New England, New England District of Kiwanis, New England District of Key Clubs, New England District of Circle K and by donations from individuals, corporations and foundations.

## **Injury Prevention and Public Awareness**

The Accident Prevention and Public Awareness component consists of educational programs run both in the hospital and through Kiwanis clubs across New England. The following is a list of projects and activities run through the Kiwanis Pediatric Trauma Institute in the past year. Altogether, these programs reach approximately 25,000 children and their families each year.

- Kiwanis Family Safety Day and Bike Rodeos
- Key Clubby Bears
- Hap Gerrish Kiwanis Pediatric Trauma Registry
- Pediatric Emergency Card
- Trauma Dolls
- Spinoza Bear and Puppets
- Kiwanis Family Waiting Room
- Pediatric Trauma Lecture Series
- Donations for Tufts Medical Center's Child Life Dept.
- Early Childhood Injury Prevention
- Project B.E.L.T.S.
- KPTI Day Open House
- Pediatric Trauma Management Course
- Fleece Blankets for patients
- Hospital Displays
- I'm Safe on My Bike New England
- Child safety seats for patients
- Staff certified as Child Passenger Safety Technicians by the National Safe Kids Coalition.

In addition to the outreach programs, KPTI is represented at many Kiwanis family and community events each year where information is distributed, workshops are held or service projects are performed. Below is a partial list of places KPTI has been this year.

- New England Kiwanis Fall Trainer – Rockland, ME
- New England Key Club District Convention – Springfield, MA
- Massachusetts State CPS Conference – Worcester, MA
- Floating Hospital Safety Fair – Boston, MA
- New England Kiwanis District Convention – Warwick, RI
- New England Circle K District Convention – Concord, NH
- Moving Together Conference – Boston, MA
- New England District Kiwanis Mid-Year Con. – Mansfield, MA
- Window Falls Roundtable – Boston, MA
- APSA Annual Meeting – Fajardo, Puerto Rico

In addition to these events, thousands of pieces of safety information provided by the Institute were distributed through local Kiwanis clubs at events in their communities.

Also during the year KPTI staff advocated on behalf of an array legislation pending in the Massachusetts legislature to ensure the safety of children in the state.

We have also been actively involved with various coalitions geared towards pediatric safety including the Massachusetts Prevent Injury Now Network, Safe Kids Boston, Massachusetts Safety Officers League and the Partnership for Passenger Safety.

## **Pediatric Trauma Research**

Our major focus this year in the research component of KPTI was holding the Kiwanis Pediatric Trauma Symposium in conjunction with the American Pediatric Surgical Association's (APSA) Annual Meeting. This symposium is held every three or four years and is an opportunity for the leaders in pediatric trauma care to meet and discuss the latest advancements in the field. Nearly one hundred pediatric surgeons and nurses met for the day and over twenty experts spoke on topics ranging from injury prevention to rehabilitation. This was the first year that the symposium was held in conjunction with APSA and received excellent reviews. The next one is scheduled to be held in 2013.

At the beginning of the 08-09 administrative year an ongoing research protocol regarding the study of traumatic brain injury was completed. Results from this and additional ongoing research, if necessary, should be available in the 09-10 year.

## **Medical Treatment**

The third component of KPTI's activities involves patient care. While KPTI does not directly fund the trauma-related units, the Institute often manages special programs and projects related to the care of injured children.

During the year a new Director of KPTI was hired. Dr. Walter Chwals comes to the Floating Hospital from Cleveland, Ohio where he worked for Rainbow Babies and Childrens Hospital. Working together with our other pediatric surgeon, Dr. Carl-Christian Jackson, the ability to care for injured children remains the top priority of KPTI.

Through the dedicated pediatric emergency room at Tufts Medical Center Floating Hospital for Children approximately 150 trauma patients are treated each year. With the capabilities of a Level 1 Trauma Center, the hospital is able to treat pediatric trauma patients with any severity of injury. The KPTI has cared for many severely injured children this past year. The KPTI trauma team has had the wonderful fortune to see these children return to home and school, and in doing so, to recapture their childhood after enduring a traumatic injury. This is the heart of the work that the Kiwanis of New England and the KPTI trauma team strive for.

## **Other Projects**

### **KPTI Website**

Last year [www.kpti.org](http://www.kpti.org) underwent a complete revision. This resource allows Kiwanis Clubs and other organizations around the world to access information and materials related to the KPTI injury prevention programs.

The website also provides a listing of the latest activities of the Kiwanis Pediatric Trauma Institute. The site lists recent health fairs, conferences and other events that KPTI staff has attended and also shows events sponsored by the Institute itself, such as the annual Open House and the monthly Kiwanis Pediatric Trauma Lecture Series.

## **Hap Gerrish Kiwanis Pediatric Trauma Registry**

This program, named for the Kiwanian instrumental in the foundation of KPTI, is a continuation of twenty-five years of commitment by New England Kiwanis to improving the care of injured children. This internet-based registry will be accessible worldwide by rural hospitals and pediatricians, researchers and anyone in need of information on how to care for pediatric trauma patients. The immediate beneficiaries of this project include:

- Physicians, Nurses and EMTs who will have immediate access to clinical information and a system of secure communication with peers.
- Trauma Data Registrars who submit trauma data used to implement injury prevention measures.
- Research Investigators who use the data to find better methods of treatment and prevention.
- Most importantly though, the **children** whose lives will be saved because those to whom their care is entrusted will have better access to critical information.

To learn about the latest updates on this project as well as information about other related projects happening nationwide, visit the public site of the Registry at [www.hapskids.org](http://www.hapskids.org).

## **Kiwanis Family Waiting Room**

Thanks to the generosity of the New England District of Circle K and the Kiwanis Foundation of New England the Kiwanis Family Waiting Room for the families of surgical patients at the Floating Hospital for Children at Tufts Medical Center underwent a complete renovation. New furniture was provided, the walls were painted and new artwork and a television were hung. The centerpiece of the room continues to be a large quilt that was made by Kiwanis Family members and donated several years ago.

## **Pediatric Emergency Management Card**

This resource for physicians, nurses and EMTs who encounter a pediatric trauma has been completely revised in the past year. The card provides information on suggested dosage for popular pediatric trauma-related medications, information on ranges of vital signs, burn management and resuscitation equipment. They have been closely reviewed by a panel of physicians and pharmacists and are available for distribution to medical personnel across New England and Bermuda.

## **Kiwanis Pediatric Trauma Lecture Series**

Each month a lecture is held covering a different topic related to pediatric trauma and injury prevention. Topics during the year included Orthopedic Injuries, Burn Injuries, Injury Prevention, and Nutritional Support for a pediatric trauma patient. Generally ten topics are covered in a year and are open to attendees from the hospital as well as the outside community. If you are interested in attending, please visit the Events page on [www.kpti.org](http://www.kpti.org) for the latest topic.

# Finances

	08-09 Budget	09-10 Budget
<b>Income</b>		
KFNE	156,819.44	228,250.39
Boston Foundation	78,426.26	82,347.57
Grants (NE Key Club, etc)	0	22,881.45
Gifts	14,000.00	12,000.00
Transfers	0.00	0.00
Other (EMT Course, KPTI Day lunch, etc)	0.00	0.00
<b>Total Income</b>	<b>255,940.70</b>	<b>345,479.41</b>
 <b>Expenses</b>		
Payroll		
Program Staff	73,539.84	75,746.04
Research Fellow	0	45,000.00
Director	49,429.04	50,911.92
Benefits	16,409.50	16,901.78
<b>Total Payroll</b>	<b>139,378.38</b>	<b>188,559.73</b>
Operating		
Programs:		
Safety Day/Bike Rodeo	1,980.07	8,935.32
Early Childhood	18,579.72	20,587.42
Key Clubby Bears	0	15,851.70
BELTS	5,947.04	6,125.45
EMT Course	1,500.00	2,000.00
I'm Safe	4,131.00	4,200.00
Child Passenger Safety	5,000.00	5,500.00
Trauma Staff Dev.	3,000.00	3,090.00
Patient Support	877.49	1,030.00
Other	4,000.00	4,000.00
Conferences/Meetings:		
Lecture Series	1,167.10	2,490.75
Trauma Dept.	607.25	882.18
Special Events	1,597.84	2,500.00
Conventions/Confs	4,713.35	5,000.00
Other	2,132.14	1,250.00
Outside Services	0	500.00
Copier Lease/Usage/Paper	5,863.14	6,039.03
Office Supplies	3,052.39	3,143.96
Shipping/Mailing	3,867.65	3,983.68
Public Relations	261.00	2,500.00
Equipment	1,056.83	2,000.00
Telecommunications	301.14	310.17
Kiwanis Family Waiting Room	1,214.92	2,500.00
Miscellaneous	7,666.11	2,500.00
<b>Total Operating</b>	<b>85,211.18</b>	<b>106,919.68</b>
Research Lab	31,351.14	50,000.00
<b>Total Expenses</b>	<b><u>255,940.70</u></b>	<b><u>345,479.41</u></b>
<b>Net Income</b>	<b><u><u>0.00</u></u></b>	<b><u><u>0.00</u></u></b>

## Notes to Finances

To clarify some questions there may be regarding the above statement of the Kiwanis Pediatric Trauma Institute's financial position; the following notes may be helpful;

- The variance between the two years for the "Bike Rodeo" and "Key Clubby Bears" lines from one year to another is a result of the timing of the purchase of those materials. Because these items and others are not ordered at exact one-year intervals there is occasionally a year where an expense does not occur. Because these funds traditionally come from the New England District of Key Clubs there is a zero balance for 08-09 in the "Grants" line.
- The larger than average spending in the "Miscellaneous" line is a result of the Kiwanis Pediatric Trauma Symposium that was described earlier in this report. Although income for this event is generated through registration fees, the KPTI program also provides a subsidy.

## Acknowledgements

The Kiwanis Pediatric Trauma Institute would not be possible without the continued support of many groups and individuals. Below is a listing of our major supporters.



Floating Hospital  
for Children  
at **Tufts** Medical Center



Boston MedFlight

The Boston Foundation

Gen Re Corporation