

New England Program for Kidney Exchange

January 2007

NEPKE NEWS

Page 1

Last Match Search: Jan. 16, 2007
 Potential Matches Found: 3
 Next Search: March 2007

NEPKE DATA

Transplants to date: (2000-2006)

2-pair matches	14
Non-directed donor chains	5
Total Transplants	19

Pending Matches = 3

NEPKE Registrations

Total Active Patients/Pairs	88
Non-directed Donors	3

Blood Group Combinations in NEPKE

Recipient: Donor	#
A:AB	1
A:O	5
B:A	4
B:O	5
O:A	19
O:AB	3
O:B	9
O:O	21

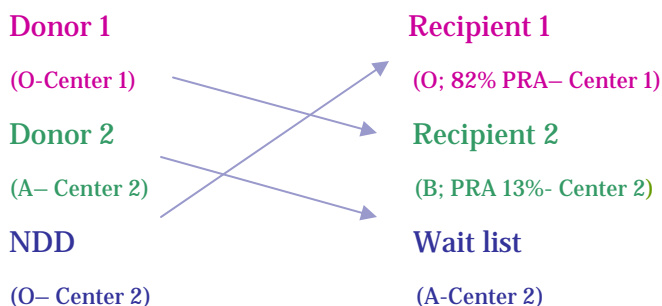
Degree of Sensitization

Degree of Sensitization	Number of Patients
<10	23
10-79	24
80-100	32

Non-Directed Donor Chains Create 2 & 3 Pair Exchanges

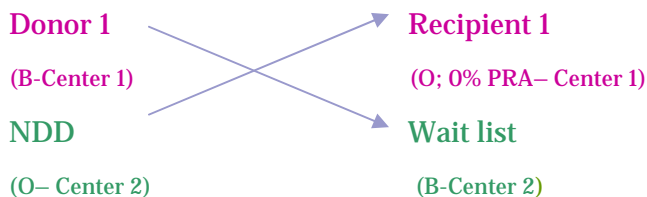
A blood type O non-directed donor has entered the NEPKE system. He created a Paired Exchange Chain in which three patients were transplanted in July 2006. Pair 1 had been in NEPKE since August 2005 and Pair 2 since January 2006. One donation/transplant pair involved an 82% PRA recipient.

Non-Directed Donor Facilitates 3 Transplants



A second non-directed donor, also blood type O, donated through NEPKE in October 2006.

Non-Directed Donor Facilitates 2 Transplants



First Search of 2007 Turns Up 3 Potential Matches

The first 2007 search for matches in the NEPKE database was run in mid January and found 3 potential matches for 8 potential transplants. Matches have been discussed with each transplant center involved and crossmatches will be run before proceeding. Included in these matches were one potential 2-way exchange and 2 non-directed donor chain exchanges. Two patients are sensitized, one 55% and the other 100%. We are anxiously awaiting the cross-match results to see which matches will move forward to transplants.

New England Program for Kidney Exchange

January 2007

NEPKE NEWS

Page 2

UNOS DATA	
Number of Paired Exchange Transplants 2000-2006	
Nationally	145
Region 1 (New England)	21
Region 1 Data	
Patients on Kidney Waitlist: 2,321	
Transplants 2006	
Deceased Donor	369
Living Donors	273
Paired Exchange	10

Data source: UNOS.org Jan. 12, 2007

NEPKE Contact Info

One Gateway Center,
Suit 202

Newton, MA 02458

Website:

www.nepke.org

(617) 243-2557

National Donate Life Month

In 2003, President Bush announced that the month of April will be observed as National Donate Life Month. The month will be a time to raise the public's awareness of the critical need in the United States for organ, tissue, marrow and blood donations. Celebrating this event can be done in a number of creative ways such as posters at different community places, or writing letters to the editor of your newspaper. Visit the website at www.donatelife.net for information on web banner ads, e-post cards and other free tools. Donate life materials are also available such as brochures, fact sheets, pens and t-shirts.

NEPKE Growing Everyday

The NEPKE program continues to grow in popularity as well as in size. The Mid-Atlantic Paired Exchange Program has partnered with NEPKE to increase the database of pairs increasing the chance of potential matches. Many non-directed donors have also registered with the program increasing the likelihood that matches will be found for pairs.

Zero Mismatch Found for 97% PRA Patient

By adding Mid-Atlantic Paired Exchange Program participants to the NEPKE database, a zero mismatch donor was found as part of a 3-pair exchange for a 97% PRA candidate in New England (waiting since 11/04). It was her lucky week, however, as before the two programs could connect to discuss the possibility of working together and moving forward with crossmatches, a zero mismatch deceased donor kidney was offered and transplanted in this patient. Although it didn't work out through NEPKE in this case, this is a wonderful example of the possibilities of this program.

More Donors Increases Chances of Matching

Entering NEPKE with more than one living donor will increase the chances that a match can be found. The living donor must be willing but unable to donate their kidney to the intended candidate. There is no limit to the number of donors that can be entered with NEPKE with each recipient, but only one donor will actually donate. To add another living donor to your profile contact your transplant center.