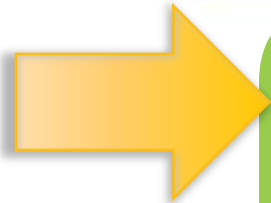


State of the OPTN KPD Pilot Program

**Mark Aeder, MD
Chair, OPTN Kidney Paired
Donation Workgroup**

Purpose



**Report status of OPTN
KPD Pilot**

**Receive
feedback/questions**

June 2014:

**BOD vote on whether to
make KPD a permanent
program**

Background

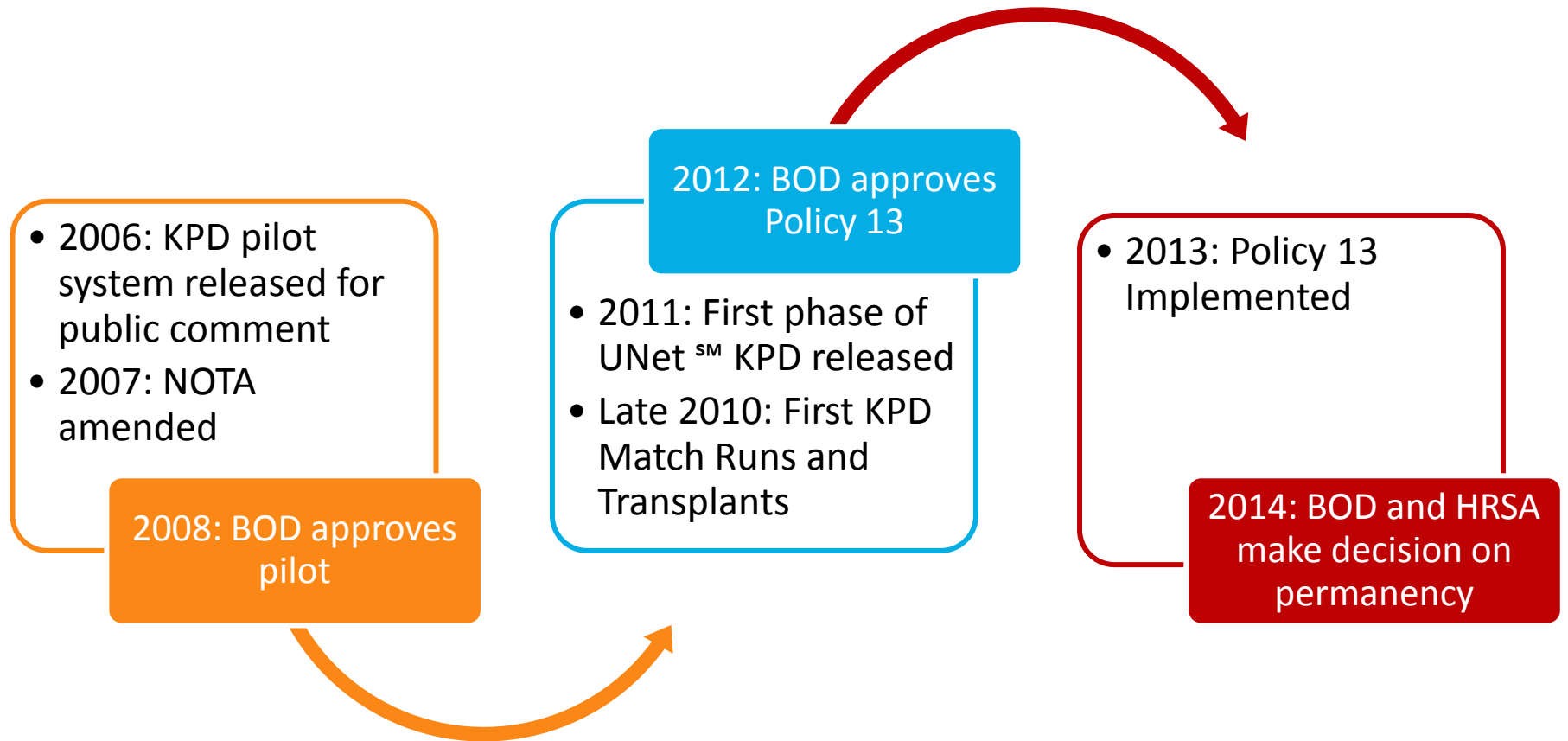
Vision: Every kidney transplant candidate with an incompatible but willing and approved living donor receives a living donor kidney transplant.

Mission: Develop a successful KPD program with universal access to all OPTN members that prioritizes the medical and psychosocial safety of living donors and candidates.

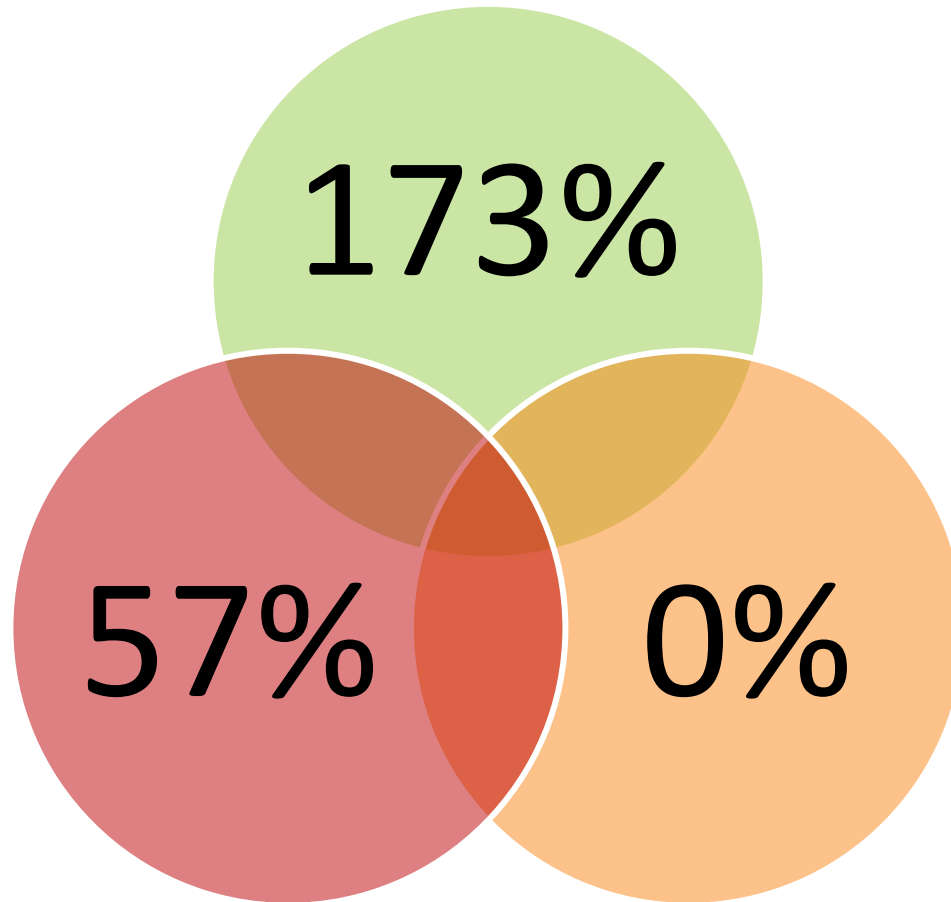
OPTN



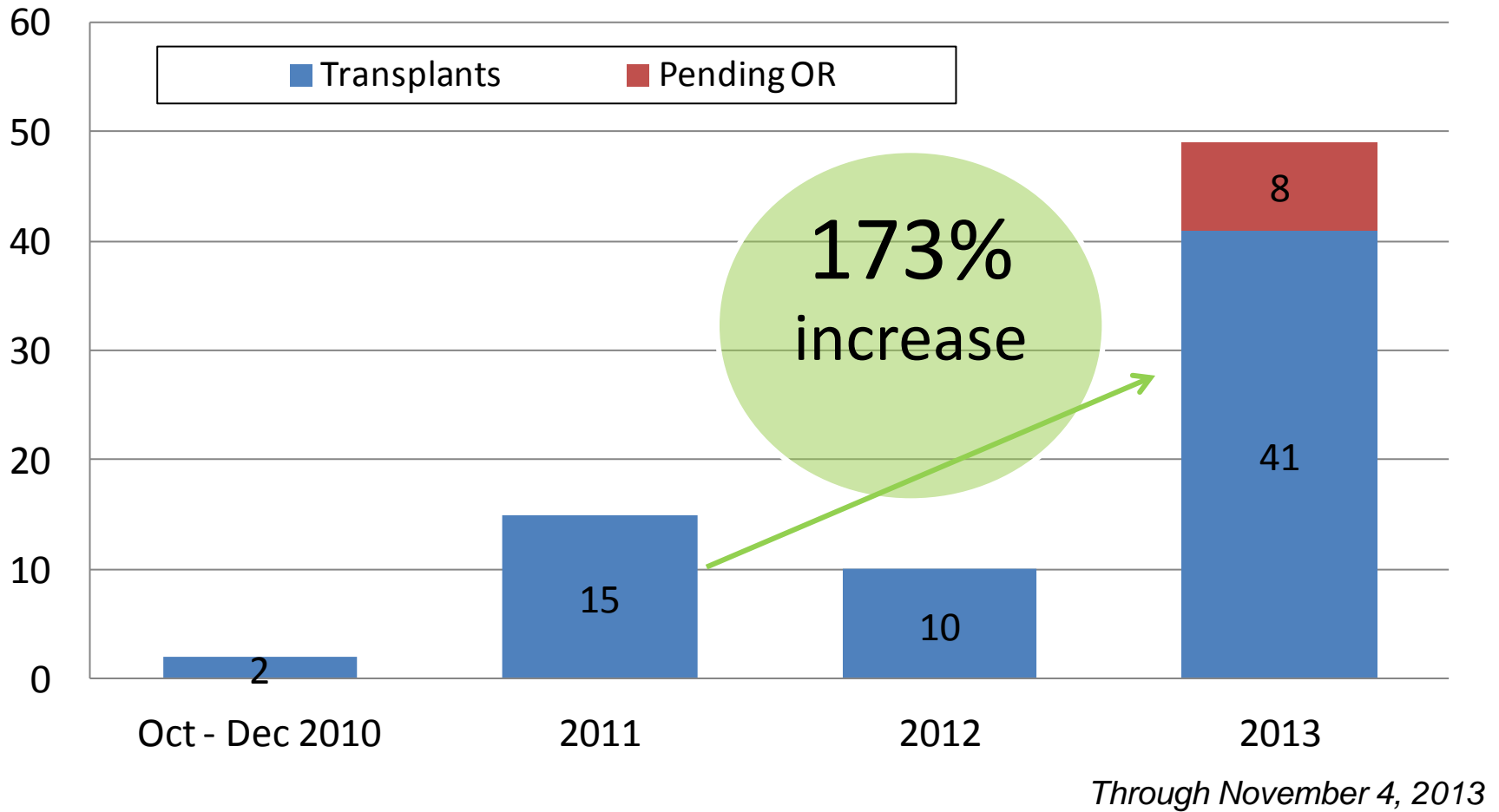
OPTN KPD Pilot Progress Timeline



OPTN KPDPP

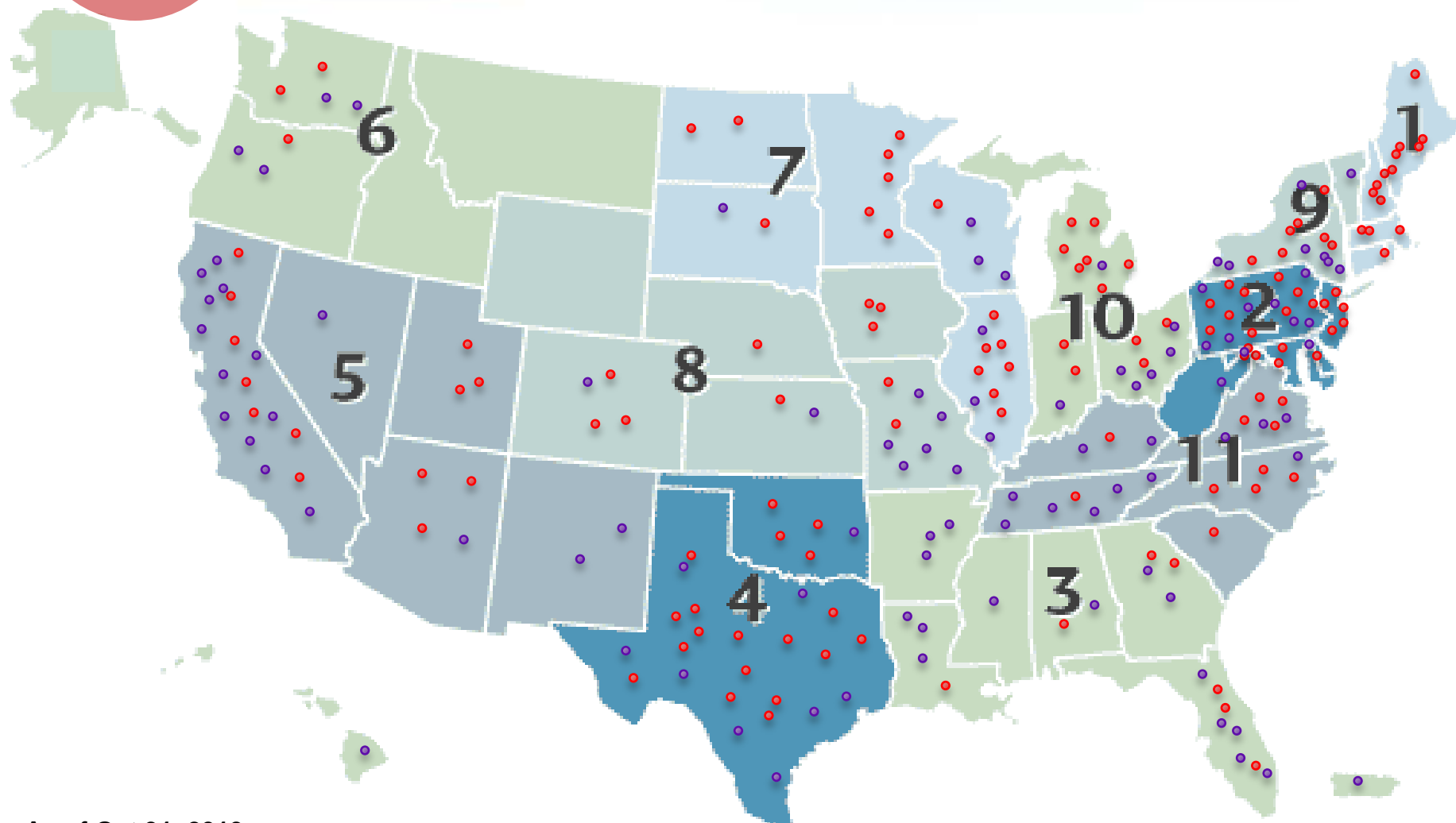


Number of OPTN KPDPP Transplants by Year



57%

OPTN KPDPP Participating Programs



As of Oct 31, 2013

OPTN

- OPTN KPDPP Participating center (n=132)
- Center not participating in OPTN KPDPP (n=99)

Additional cost to participate

0%

Registration fee \$0.00 (above usual fees to register a candidate on waitlist)

Center start up/participation fee \$0.00

Database management and tech support fee \$0.00

Non-compliance fee \$0.00

Successful match fee \$0.00

Logistic support \$0.00

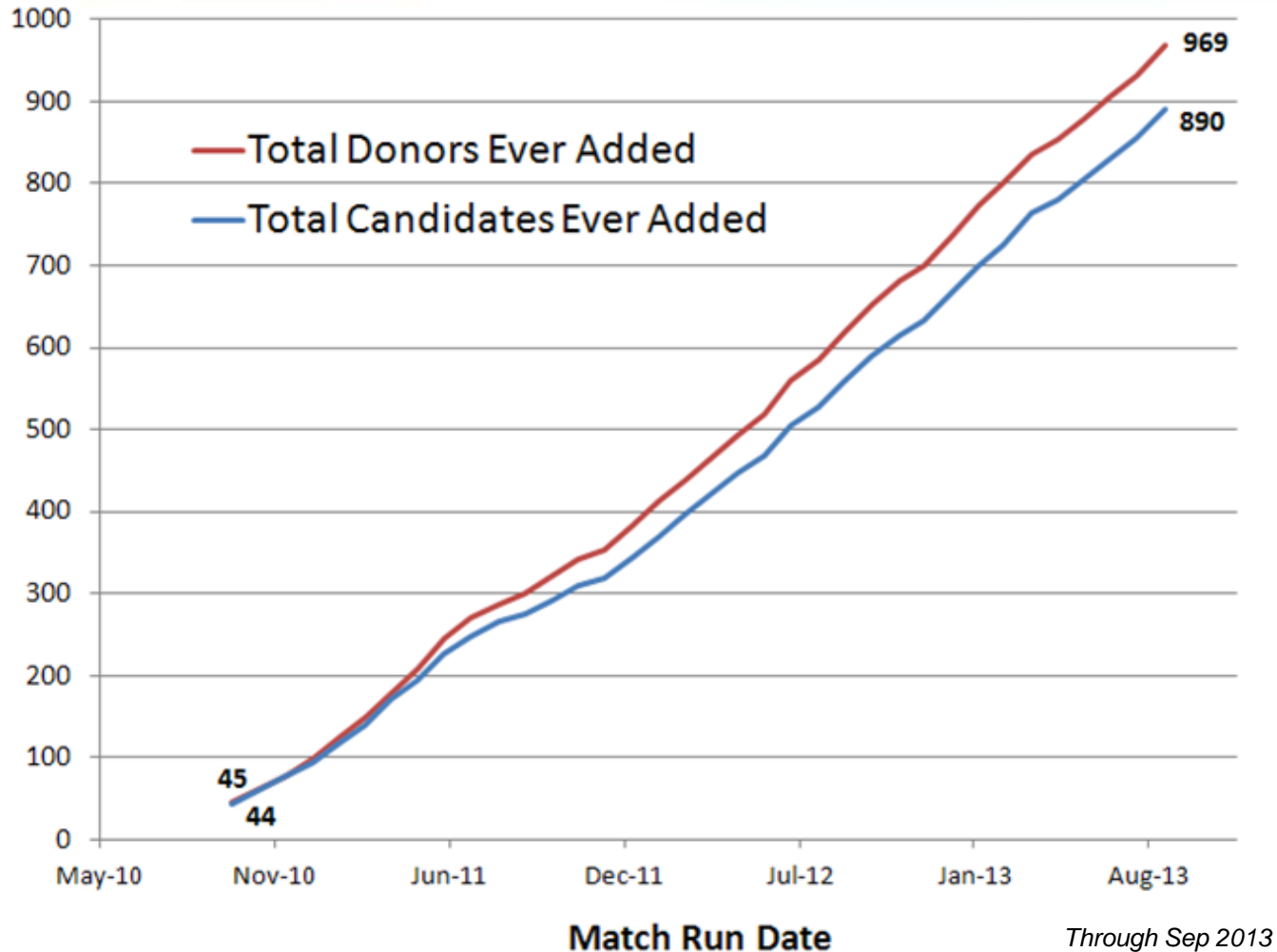


Summary of OPTN KPDPP Results

- Over 85 match runs starting Oct 27, 2010
- 132 (57%) participating transplant centers
 - ✓ Nearly 100 centers with at least one pair in a match run
- All 11 regions represented
- 68 transplants at 33 different centers
 - 12 very highly sensitized recipients (CPRA \geq 95%)
 - 2-way exchanges (15%), 3-way (40%), NDD chains (45%)

Growth in the OPTN KPDPP

Cumulative Trends

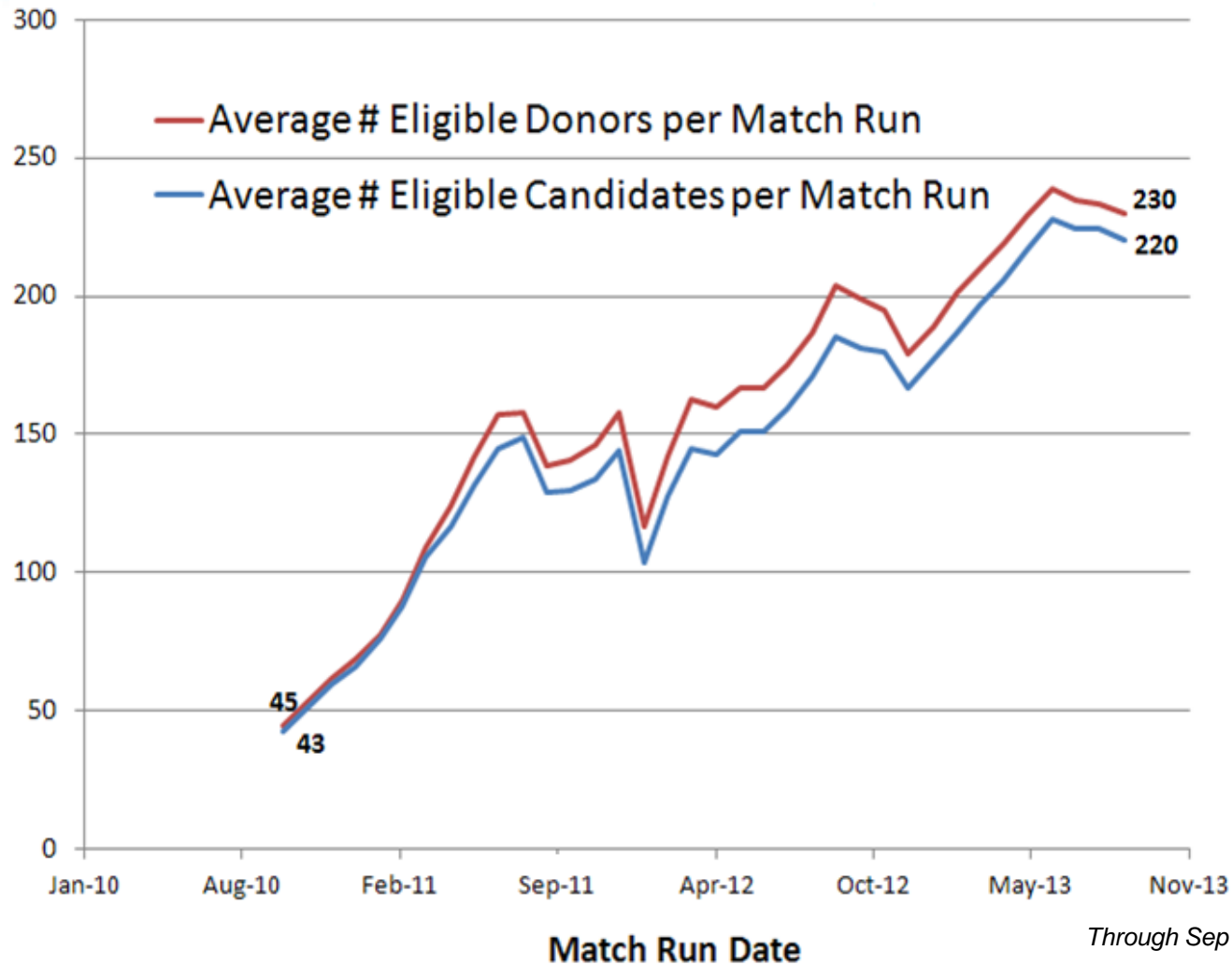


OPTN

Steady growth in candidates and donors added to OPTN KPD system.

Growth in the OPTN KPDPP

Trends in Eligible Participants

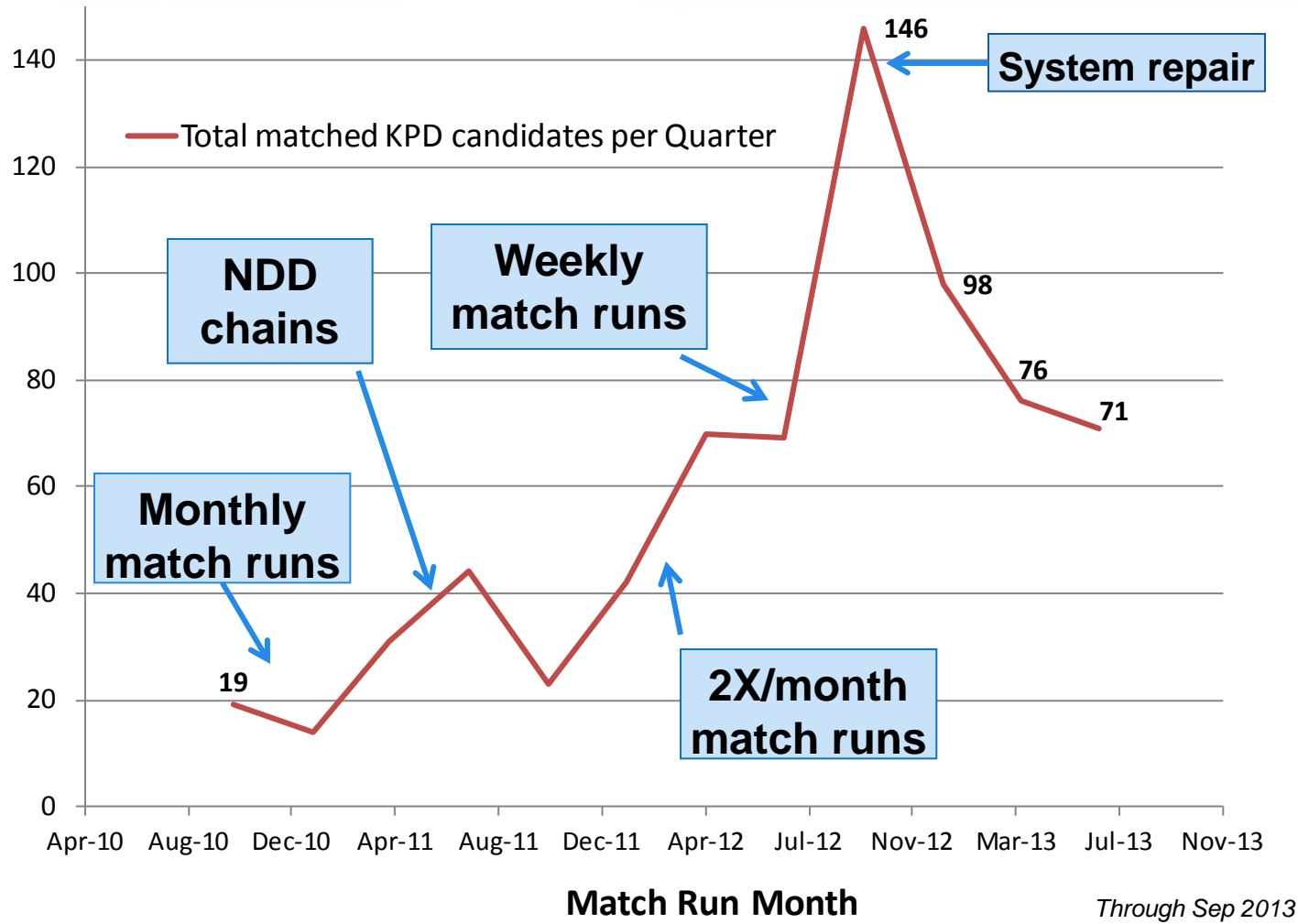


OPTN

Currently, over 200 pairs are eligible for each match run.

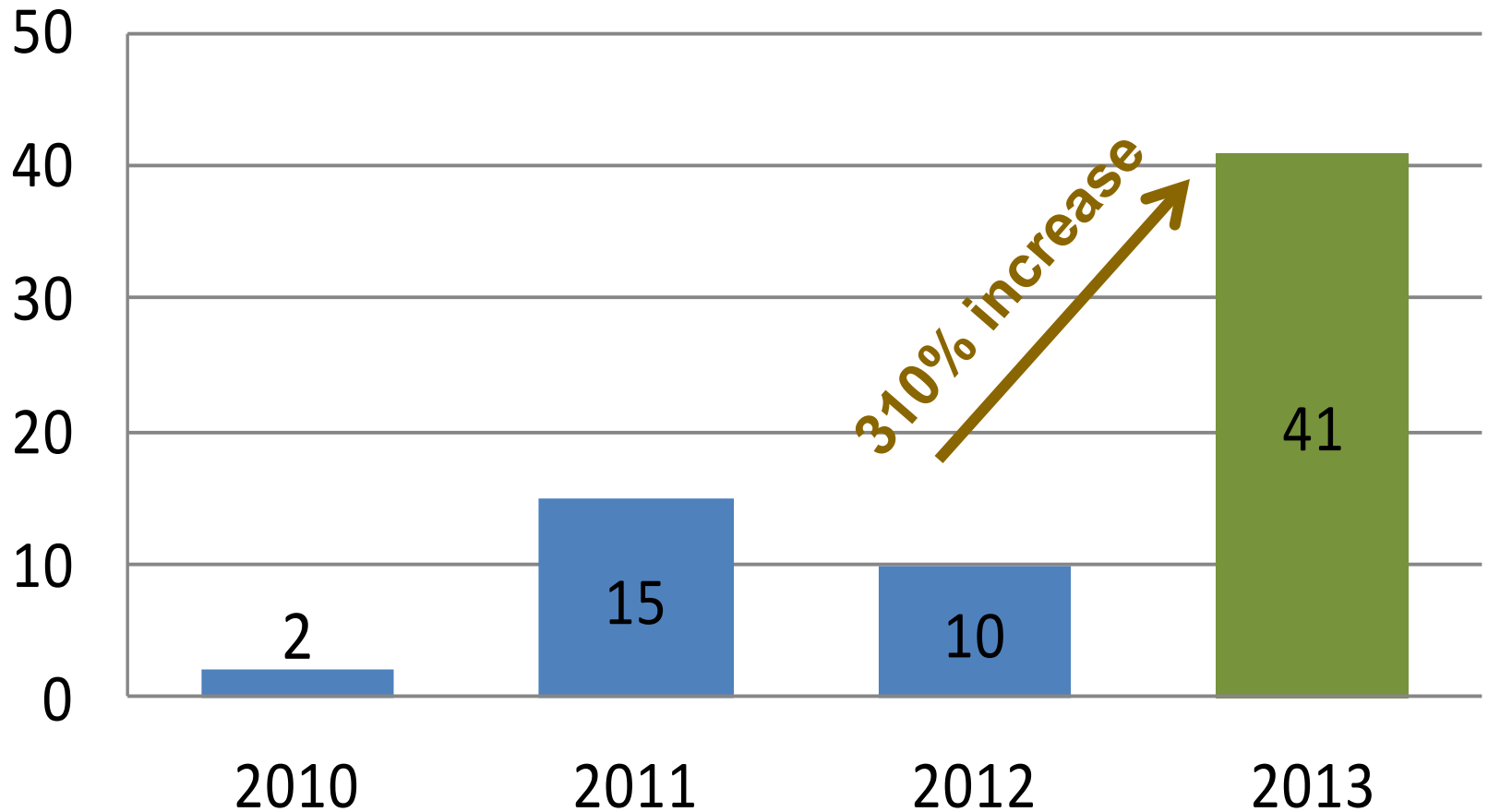
Growth in the OPTN KPDPP

Trends in Matched Candidates



On average, 82 candidates matched per quarter in 2013 (27 per month).

Number of OPTN KPDPP Transplants by Year

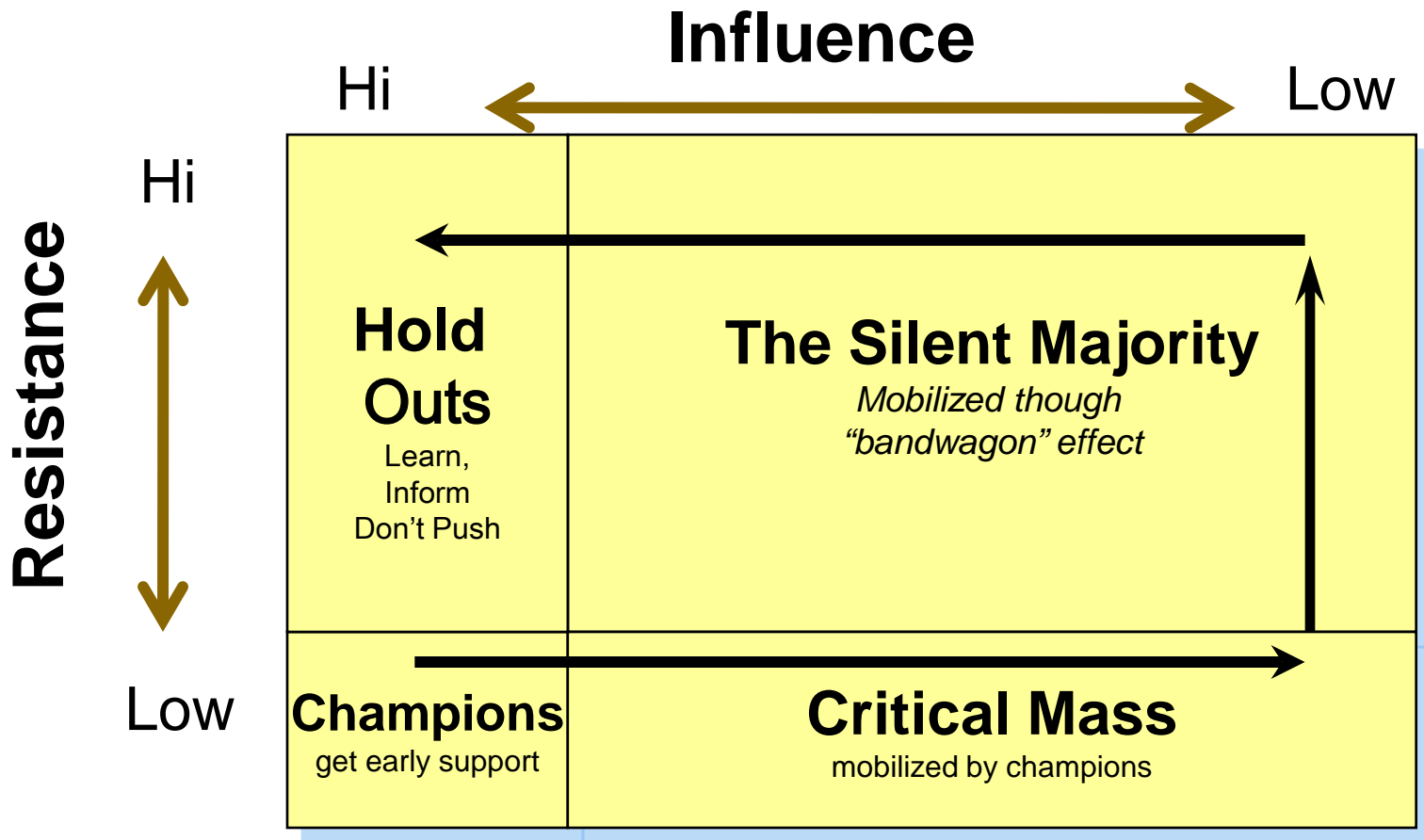


Through Oct 10, 2013

The OPTN KPDPP has seen a sharp increase in success in 2013.

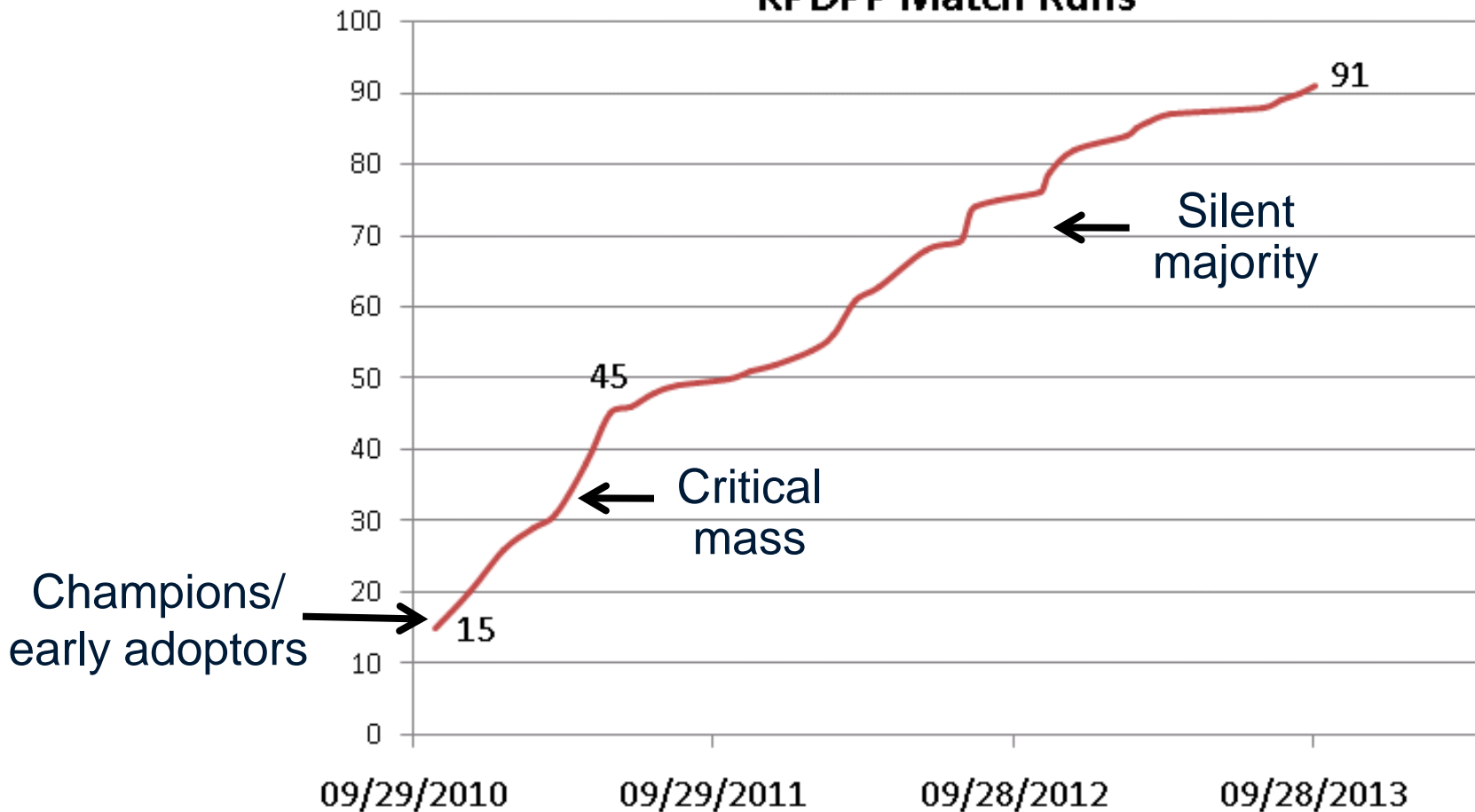
“Diffusion of Innovation”

A Tipping Point Strategy for Change



Rate of Adoption of the OPTN KPDPP

Cumulative# Centers with Eligible Pairs in OPTN
KPDPP Match Runs



OPTN KPD Barriers to Participation Survey

- What's working well?

- ✓ User-friendly, intuitive online KPD system
- ✓ Predictable, weekly match run schedule
- ✓ Communication/transparency with members
- ✓ Training/education

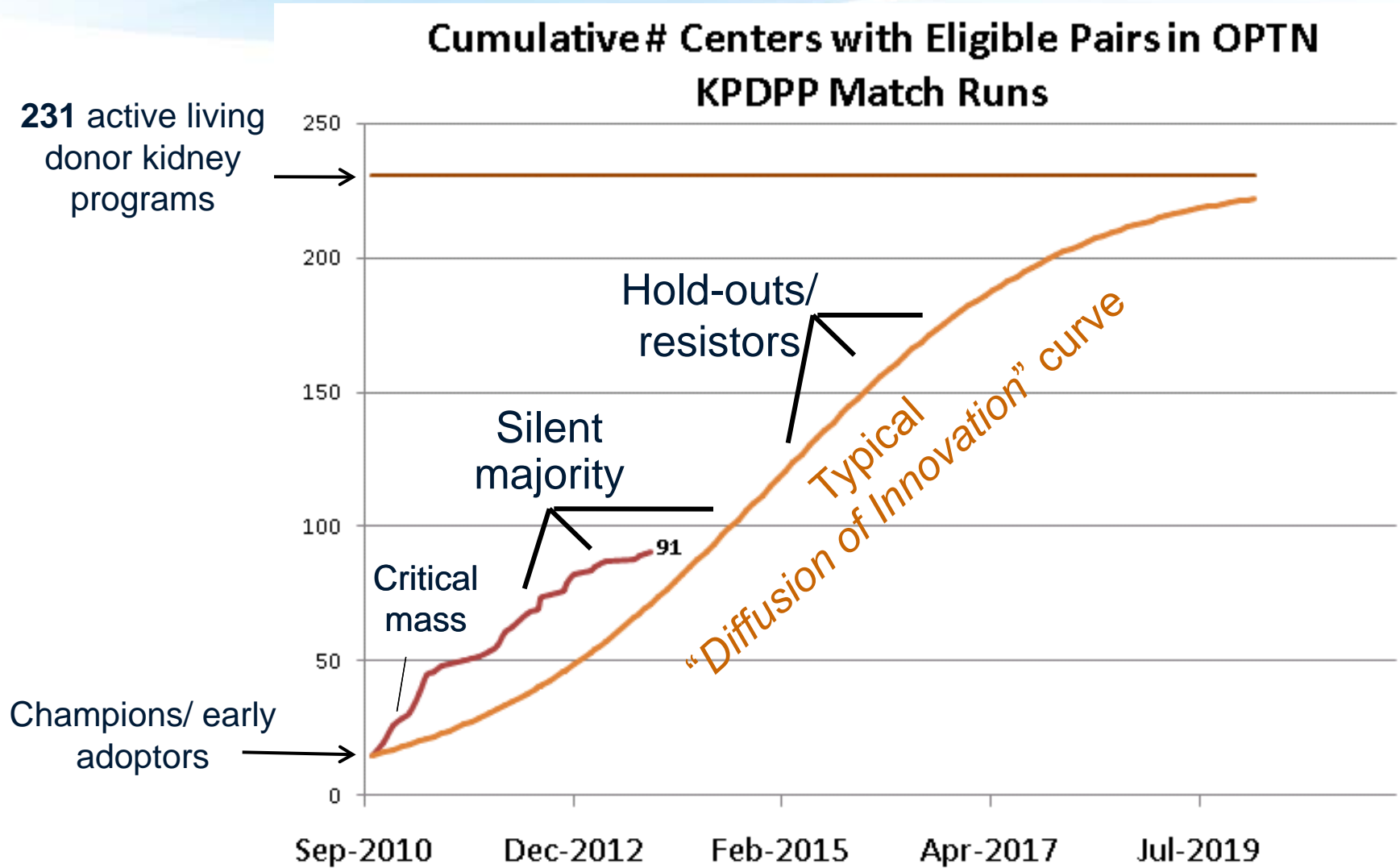


- What needs work?

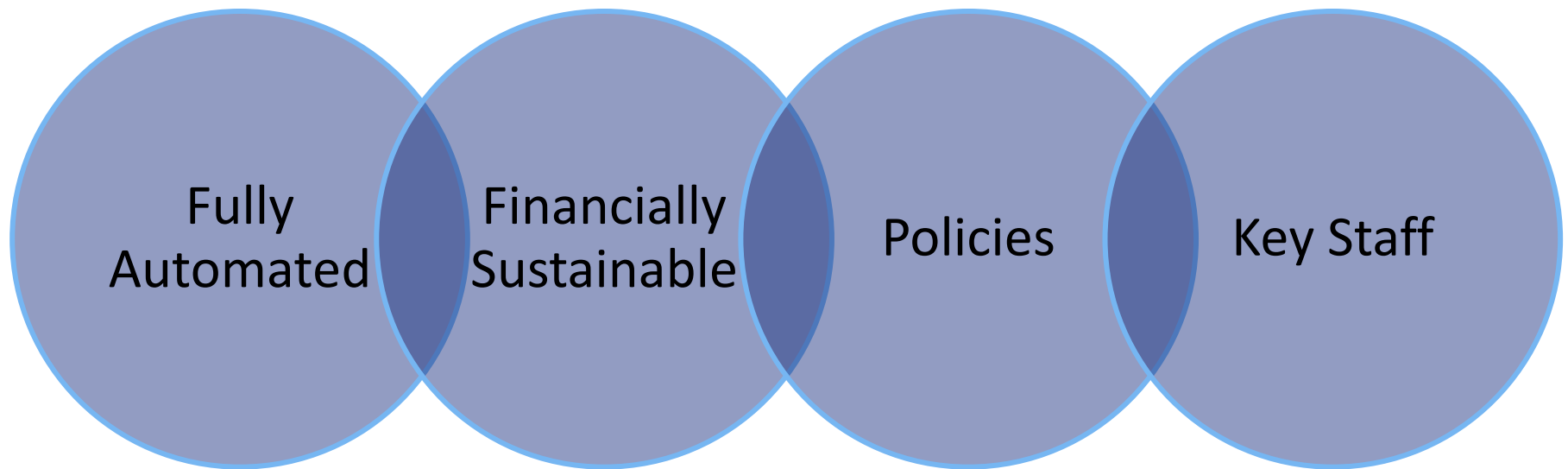
- Standardizing KPD finances
- Optimizing data entry efficiency



Rate of Adoption (“Diffusion of Innovation”)



Elements for Program Permanence



QUICK SEARCH

[Click here to search for a KPD candidate or donor](#)

KPDSM RESOURCES

[Click here to access KPD Pilot Program documentation, templates and FAQs](#)



Transplant Center KPD Dashboard

ABCD-TX1

Candidate and Donor Eligibility

Eligible	Ineligible (active)	Ineligible (inactive)
8 Candidate(s)	2 Candidate(s)	7 Candidate(s)
8 Donor(s)	5 Donor(s)	34 Donor(s)

Donor Pre-Screening

0 **KPD candidate(s) have donor(s) who need pre-screening**

Announcements

5/25/2012 Check donor and candidate eligibility for match runs

You can now view if you donor or candidate is eligible to be in a match run, or ineligible to be in a match run, by viewing the top of the donor and candidate data entry page.

To find out why they are ineligible click on the word ineligible

You can also pull up a list of your ineligible candidates and donors, Instructions were emailed to primary and secondary coordinators on 5/24 If you did not receive them contact Ruthanne.Leishman@UNOS.org

3/1/2012 Everything about the OPTN KPDP in one place

To access copy and paste the following link into your internet browser Transplantpro.org>>I am looking for>>Kidney Paired Donation

Find information on policies; guidelines; templates; webinar recordings; recorded UNet trainings and more

1/3/2012 Questions? Interested in Joining the OPTN KPD Pilot Program?

KPD Application in UNetSM

- Phase 1-3 to be completed by Feb 2014
 - Enter donor and candidate in UNet
 - Donor pre-select
 - Automated match offer and response process
- Phase 4 projects
 - Message board
 - Rewriting the edgeweigher/edgefinder

Annual Operating Costs

RESOURCE	COST
Coordinator and Support Staff	\$175,000
Software Maintenance	\$45,000
Brochures	\$4,000
TOTAL	\$224,000

Policies/Monitoring Plan

13.1 Candidate Requirements for Participation

13.2 Potential KPD Donor Requirements for Participation

13.3 Informed Consent Requirement for Candidates

13.4 Informed Consent Requirements for Donors

13.5 Histocompatibility Testing

13.6 Matching Within the KPD program

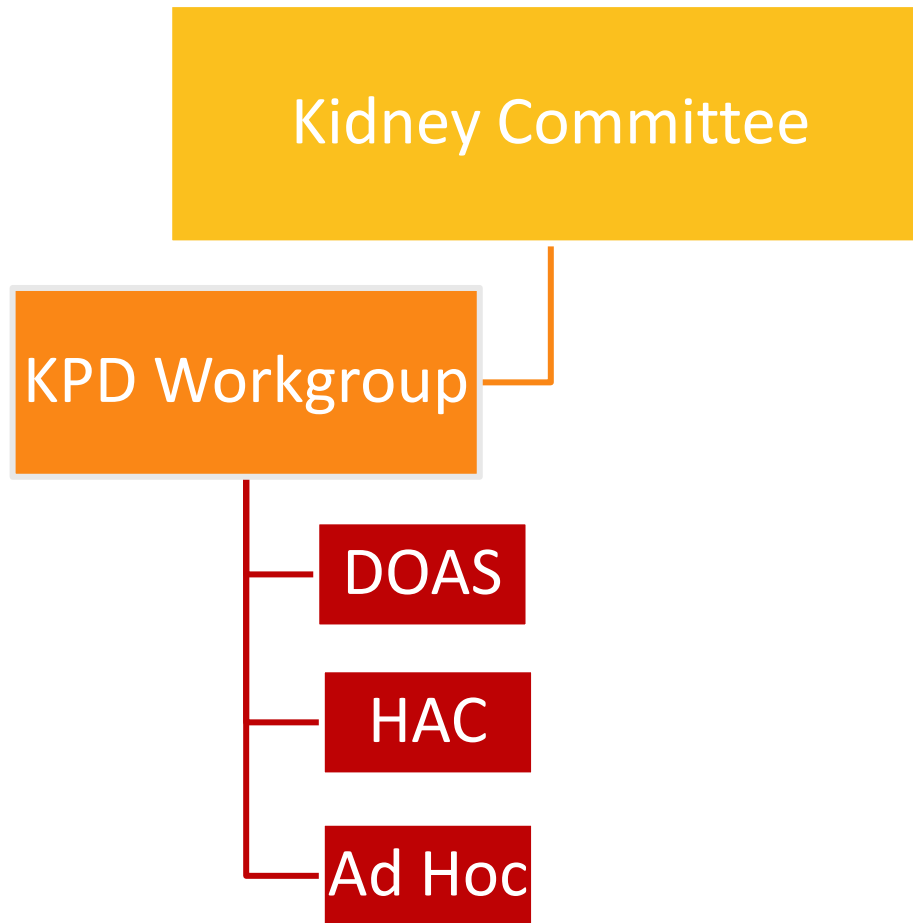
13.6.4 Prioritization Points within the KPD Program

13.7 KPD Screening Criteria

13.8 Two and Three-Way Matches

13.9 Donor Chains

Policy/Monitoring in OPTN KPD Pilot



Key Staff for OPTN KPD Operations

- Program Manager
- Development Environment Engineer
- UNOS Policy Analyst
- UNOS Research Analyst
- UNOS Business Analyst

Workgroup members 2013-2014

- Mark Aeder, MD (Chair)
 - John Friedewald, MD
 - Richard Formica Jr., MD
 - Adam Bingaman, MD, Ph.D
 - Mary Amanda Dew, Ph.D
 - Matthew Cooper, MD
 - Lloyd Ratner, MD
 - Mariza Turner, RN
 - Mary Leffell, Ph.D
 - Gene Ridolfi
 - Nancy Reinsmoen, Ph.D, D(ABHI)
 - Pat McDonough, RN, CPTC, CCTC
 - Michael Rees, MD, Ph.D
 - Mike Gallichio, MD
 - Eric Gibney, MD
 - Alvin Roth, Ph.D
- Technical advisors:*
- Sommer Gentry, Ph.D
 - Tuomas Sandholm, Ph.D
 - Itai Ashlagi, Ph.D

**A very special thank you
to...**

Ciara Samana, MPH

Elizabeth Sleeman, MPH

For Discussion



Report status of KPD Pilot

**Receive
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