

*Safety Net Hospital Early ED Referral for
Optimizing Organ Donation*

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10:35 – 11:25

2012 DONATION SUMMIT

it's about time...

DHMC Story



- The only Level 1 safety net hospital in the State of Colorado.

In 2010, it had 1,820 trauma admissions and 10 organ donors.

- DHMC stated that circumstances were different for safety net hospitals.

Benchmarked DHMC against National Safety Net Hospitals.

- Rapid Improvement Exercise (RIE) to examine the donation program.

Initiatives were created for 2011 and implemented by a multidisciplinary team.

Focus

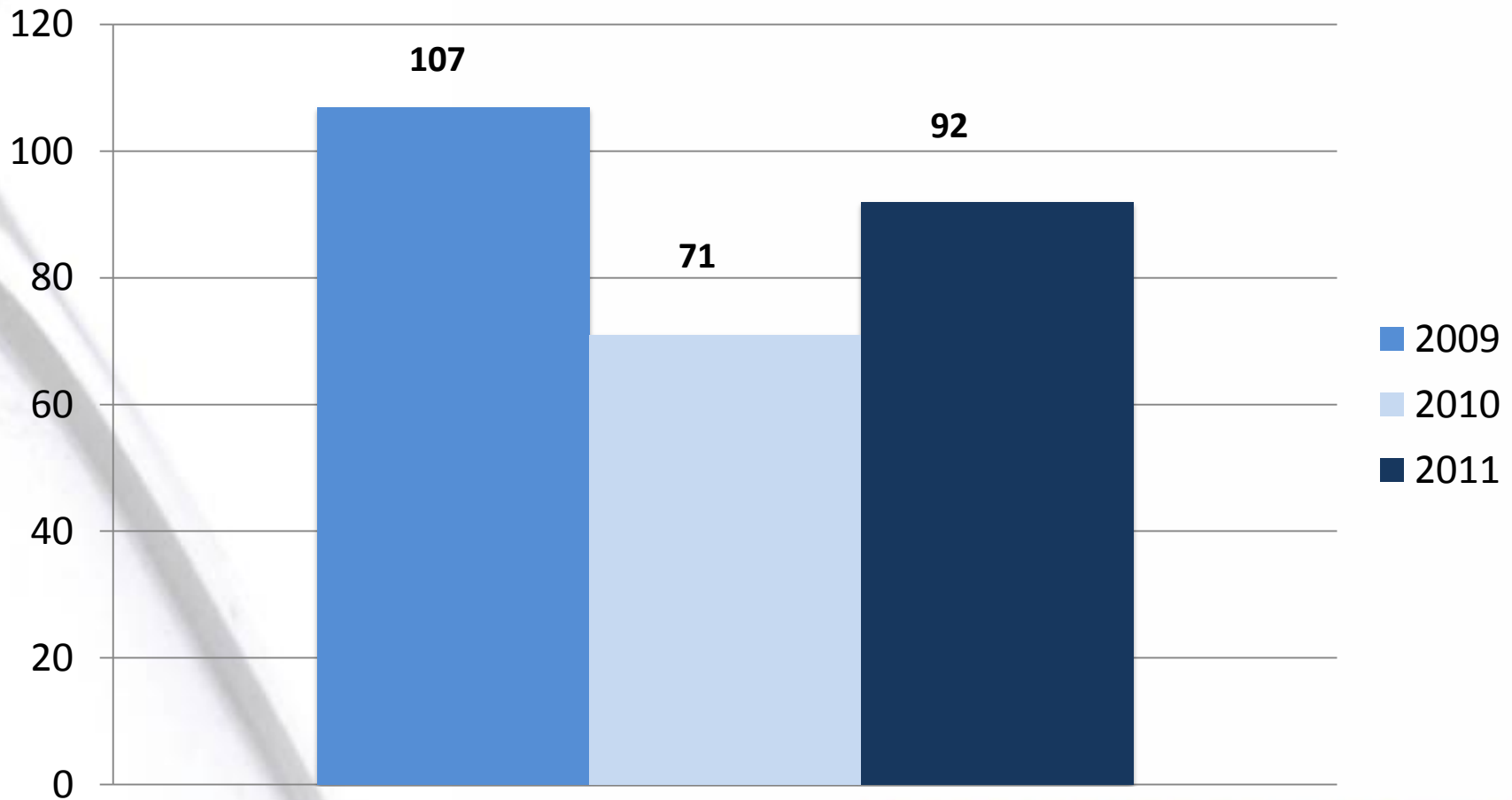
- In 2009, 9 organ referrals were made from the ED. 5/9 patients were extubated in the ED and never transferred to the ICU.
 - 1 MVA
 - 2 SIGSW to Head
 - 1 Medical Arrest
 - 1 unknown

Question: Are we missing potential organ donors in the Emergency Department due to stabilization issues?

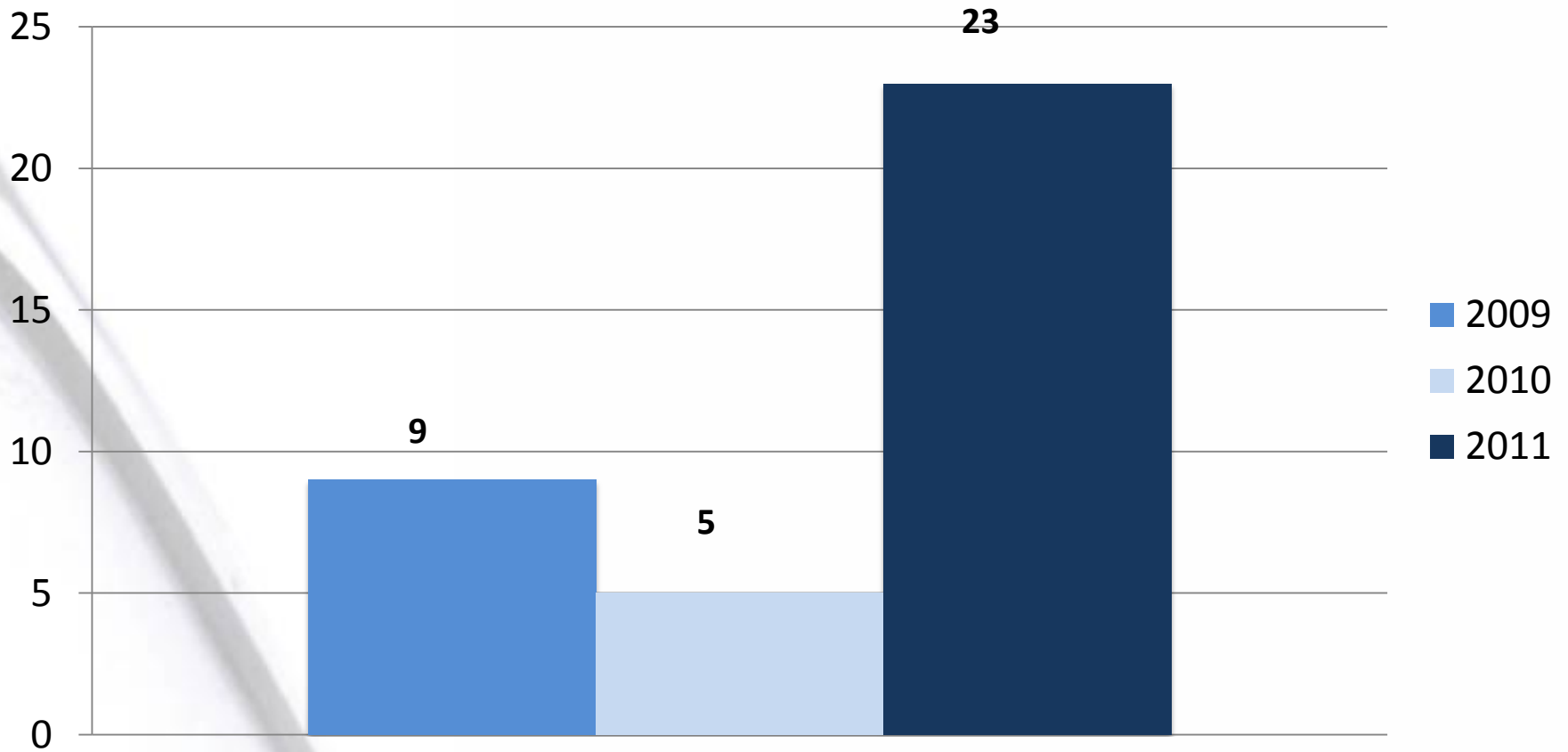
Process Improvement

- Increase early detection and stabilization of potential organ referrals.
- Educate Social Workers and Chaplains to be proactive in ED before ICU admittance.
- Discuss the need for stabilization with ED Physician group regardless of severity of injury.

Total Number of Organ Referrals



ED Referrals



ED Referrals/Total Referrals

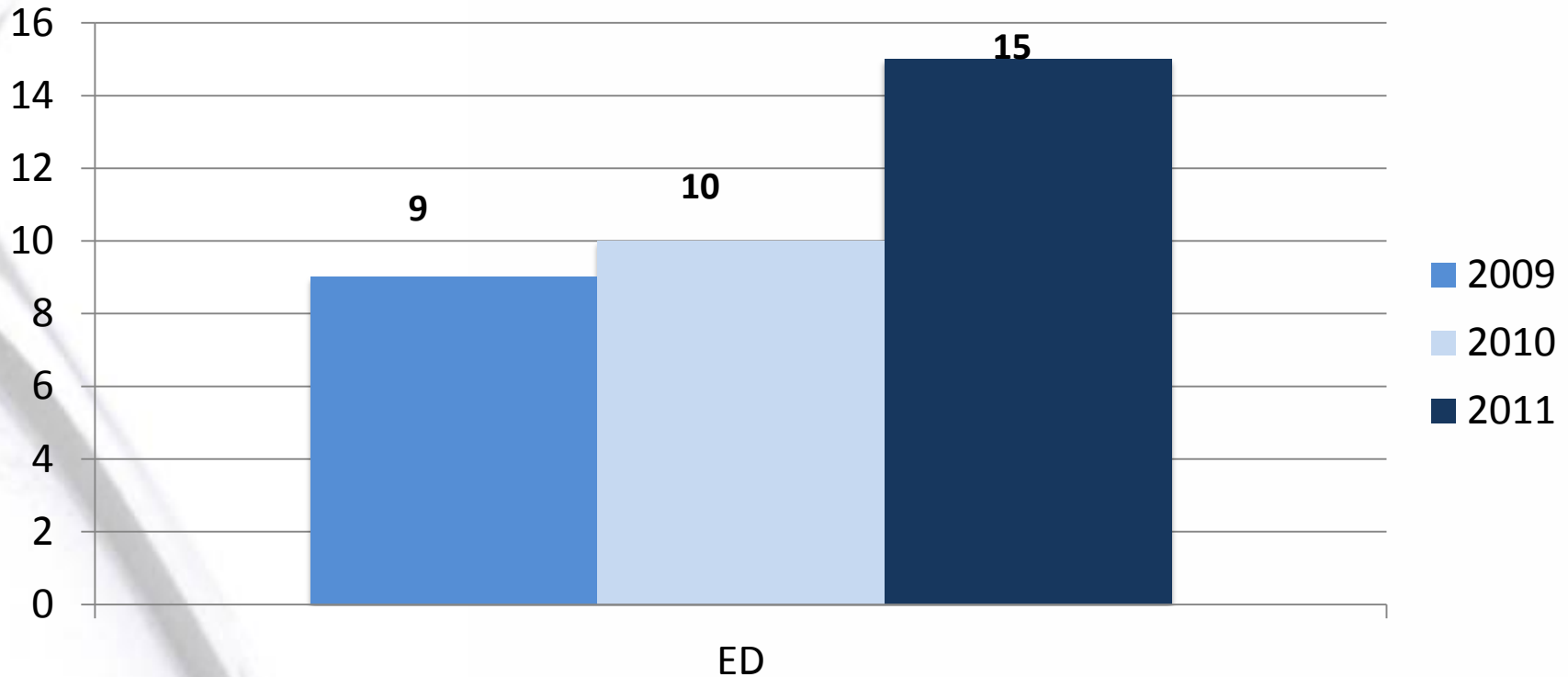
2009: 9% of Total Referrals

2010: 3.5 % of Total Referrals

2011: 21% of Total Referrals

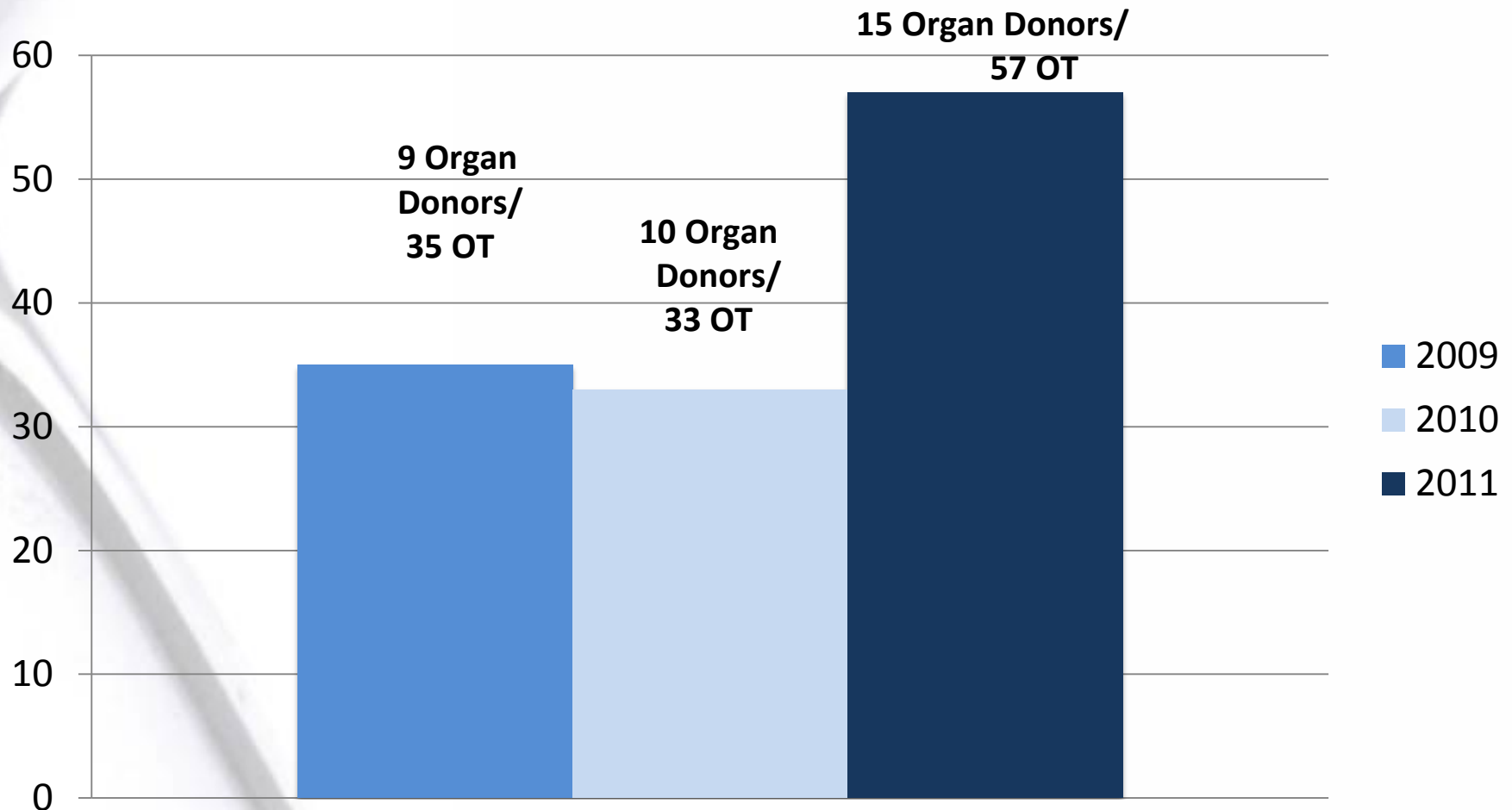
360% increase in ED referrals over the prior year
(5 ED referrals in 2010 to 23 in 2011).

Increased Organ Donors



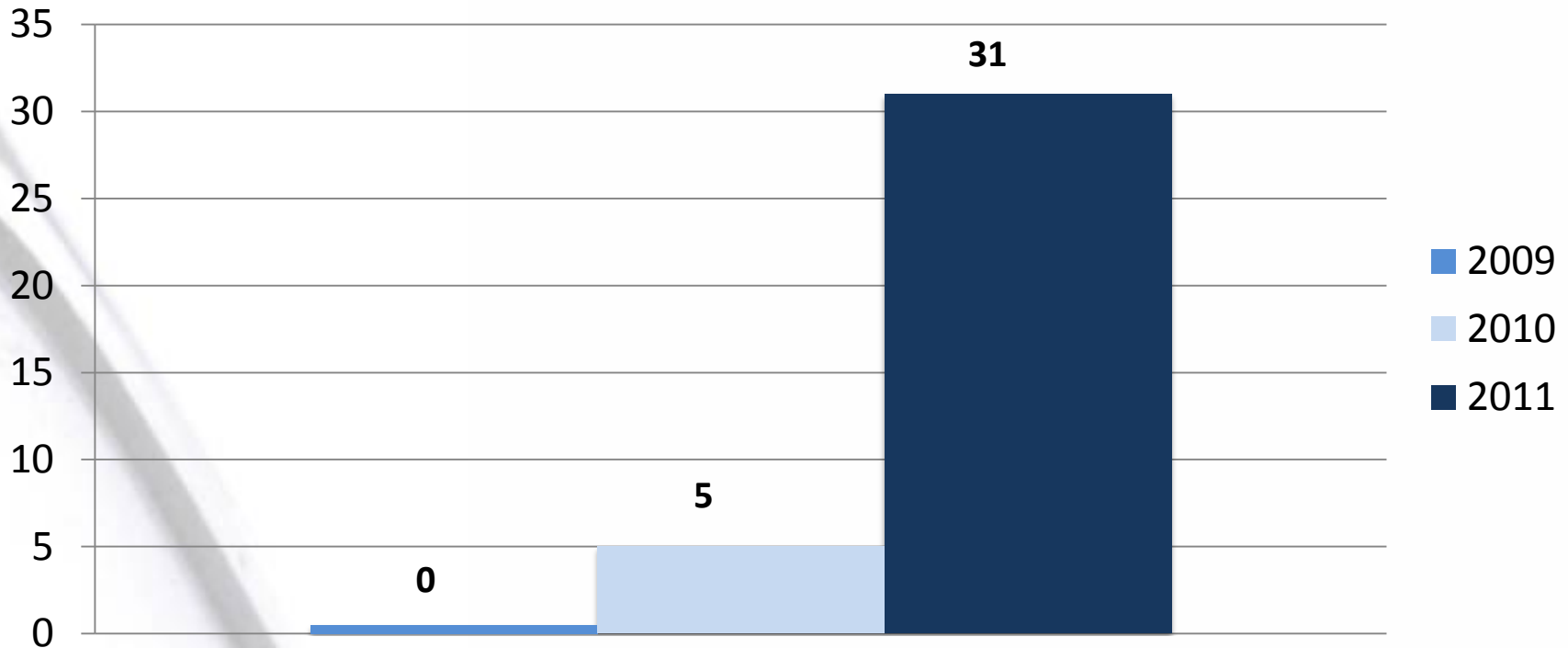
50% increase in organ donors from 2010 to 2011

Total Organs Transplanted



2011 shows a 73% increase of organs transplanted over 2010

Organs Transplanted from ED Donors



**520% increase of transplanted organs from ED referrals
between 2010 and 2011**

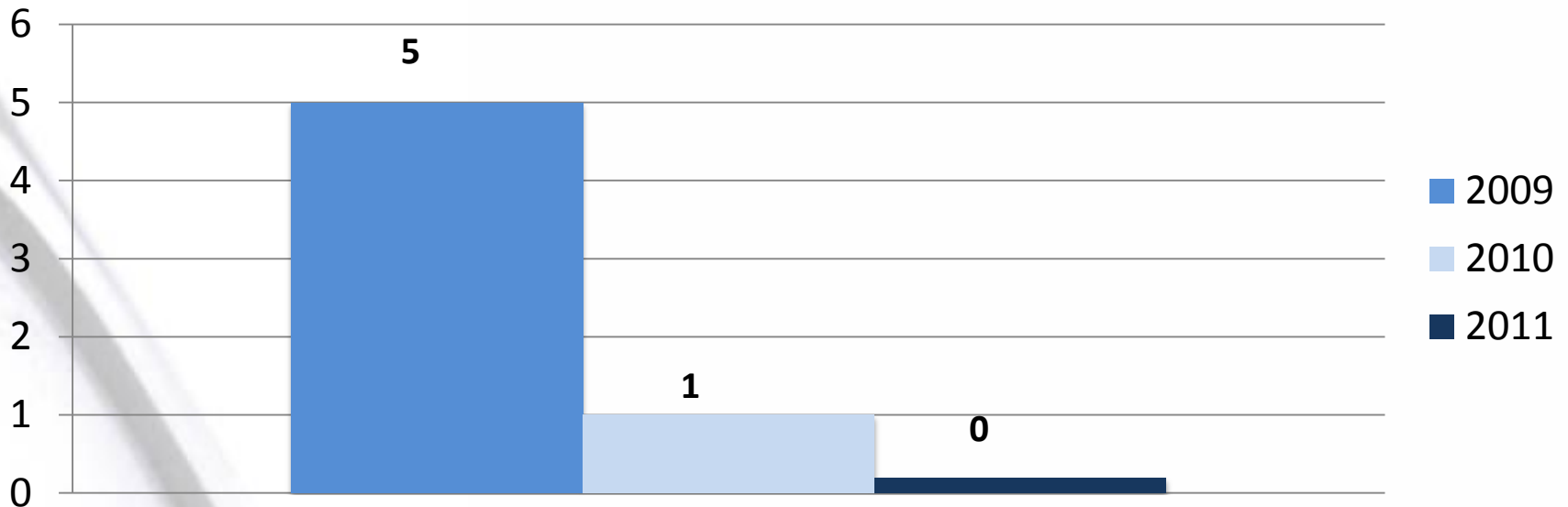
ED Referral Organs Transplanted from Total Organs Transplanted

2011: 31 of 57. 54% OT

2010: 5 of 33. 15% OT

2009: 0 of 35. 0% OT

Decrease in Missed Potential Donors



100 % decrease in missed potential between 2011 and 2009

Conclusion

Educate ED to make Early Referrals

➤ Decreases missed organ potential

ED Referral Increase in 2011:

➤ Organ Donor potential

- In 2011, 7/15 organ donors were referred from the ED.

➤ Organs Transplanted

- 31/57 OT were from early ED referrals.

➤ Timely Organ Referrals

- TOR increased from 82% in 2010 to 92% in 2011.

➤ Conversion Rate

- Increased from 75% in 2010 to 93% in 2011.

➤ OTPD

- increased OTPD from 3.3 in 2010 to 3.8 in 2011.