Improving Telephone Access in Radiology

HAKAN SAHIN MD EMMILY POOLE MD & AMILCARE GENTILI MD

VETERANS HEALTH ADMINISTRATION SAN DIEGO HCS

Purpose

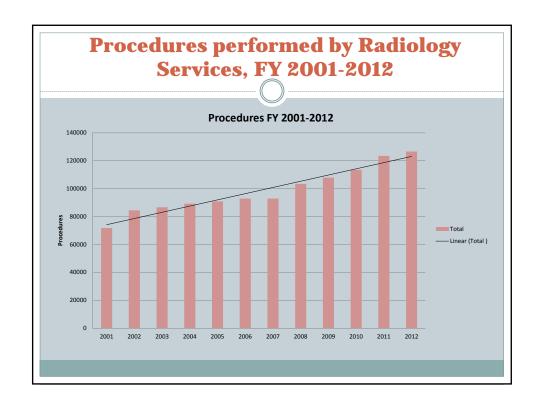
- Patients are not able to reach the Radiology department by phone, leave a message, or receive follow up phone calls
- To improve telephone access in the Radiology department

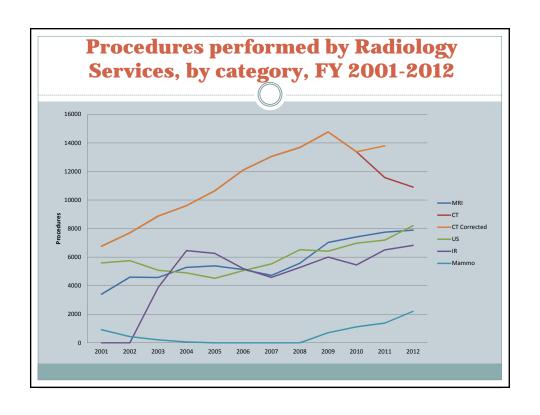
Methods

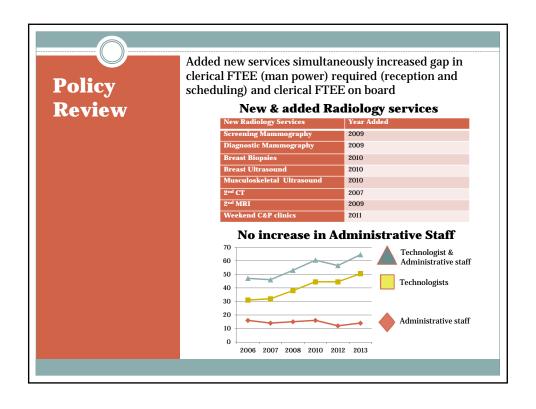
- The workload of the Radiology department was categorized and analyzed from 2001 to 2012
- Incoming calls were analyzed from September 2012 to October 2012
- Factors surrounding Radiology procedure scheduling include: policies, people, processes, and products were reviewed to determine their potential contribution to the problem

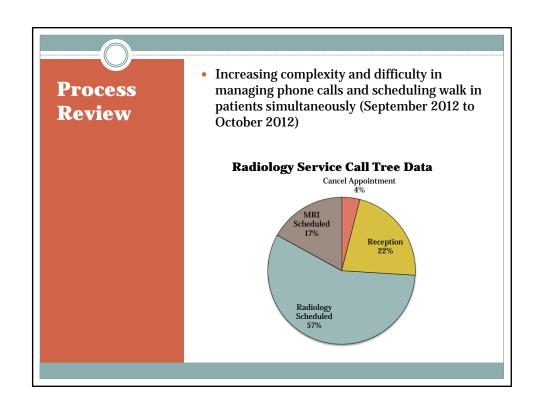
Radiology Department's workload for the fiscal years (FYs) 2001- 2012

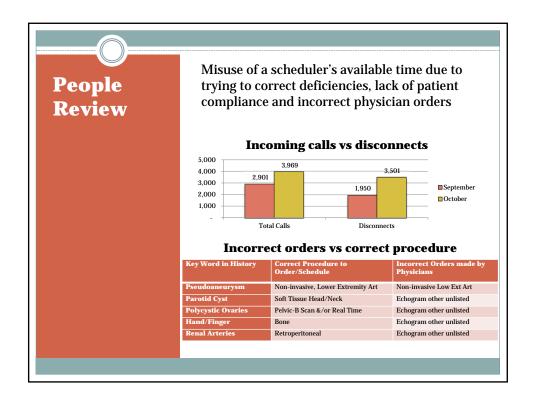
FY	Workload
2001	74137
2002	78589
2003	83041
2004	87493
2005	91945
2006	96496
2007	100848
2008	105300
2009	109752
2010	114204
2011	118656
2012	123108

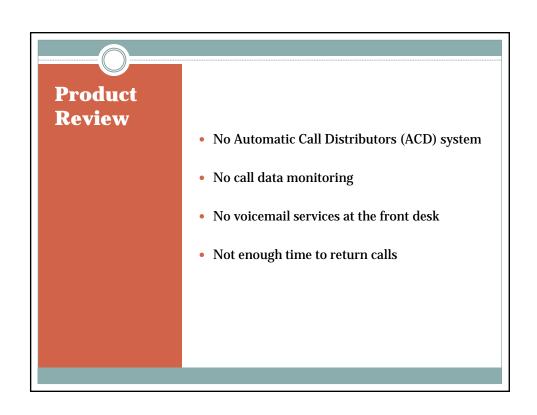


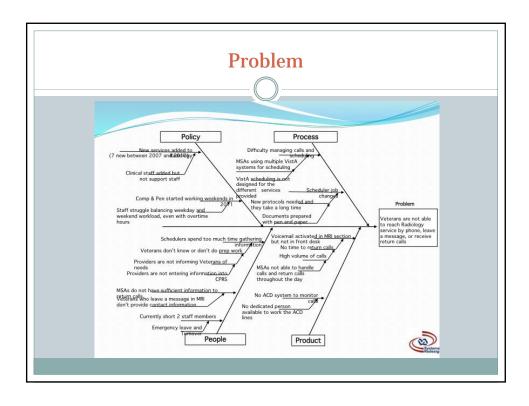


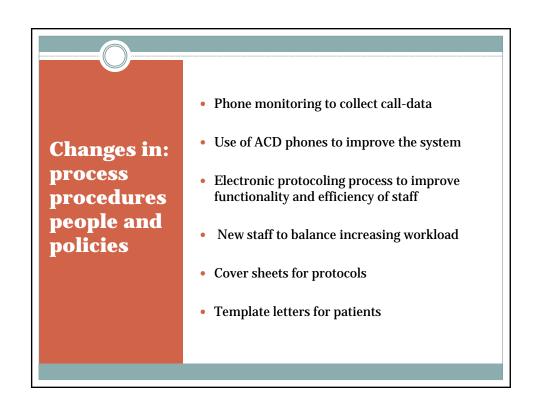












Call metrics recorded before and after interventions were made

	Call Delay	Call Abandonment Rate
Target	<1min	<10%
February 2013	6min 15sec	21.99%
October 2013	1min 30sec	13.03%
Percent decrease February to October 2013	76%	8.97%
July 2015	49sec	7.75%
Percent decrease from October to July 2015	10.93%	5.28%
Total % decrease from February 2013	86.93%	16.71%

Results

- Telephone abandonment percent dramatically decreased:
 - x from 21.99% in February 2013
 - x to 13.03% in October 2013
- Call delay dramatically decreased
 - **x** from 6:15 February 2013
 - x to 1:30 in October 2013
- Total abandonment rate of 7.75% in July 2015
- Total call delay of 49 seconds in July 2015

Conclusion

 Monitoring and analysis of incoming phone calls for scheduling Radiology procedures as well as review of associated policy, people, process, and products with revision where it is needed results in sustainable improvements in telephone access of patients to Radiology services.