

MEDCAC – PAD

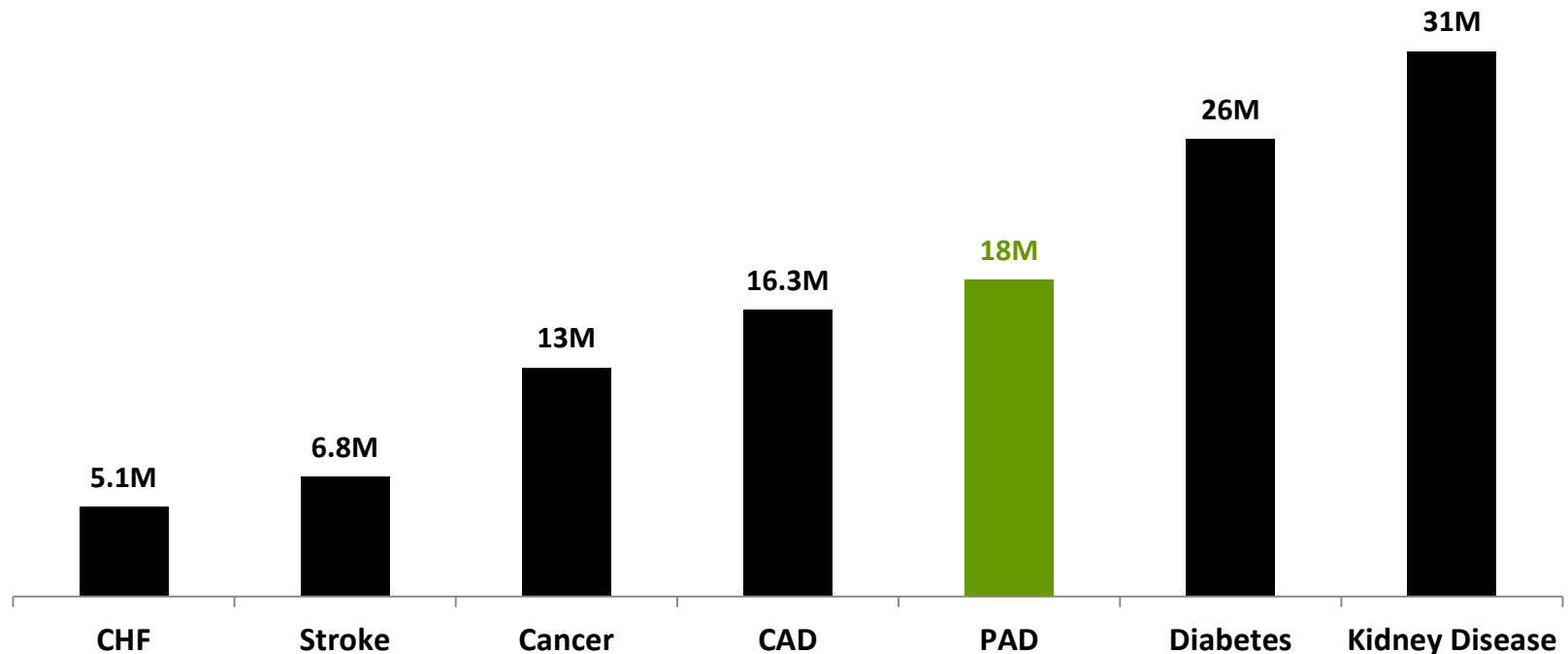
July 22, 2015

Full Disclosure

- I am a full time employee of Cardiovascular Systems, Inc.

Peripheral Artery Disease (PAD)

Large and growing problem in the US



- Estimated 18 million people affected by PAD in the US¹, but only 2 million people diagnosed with PAD in the US^{2,3}
- Especially prevalent in patients with diabetes and end stage renal disease⁴

Critical Limb Ischemia (CLI)

- CLI is the most severe and deadly form of PAD¹
- 2 million people suffer from CLI in the US¹
- CLI increases the risk of amputation and mortality, unless successful revascularization occurs²
 - 6-month amputation rate is 40%
 - 6-month mortality rate is 20%
- The economic burden of CLI is considerable³
 - Amputation alone is estimated at \$10.6 billion⁴

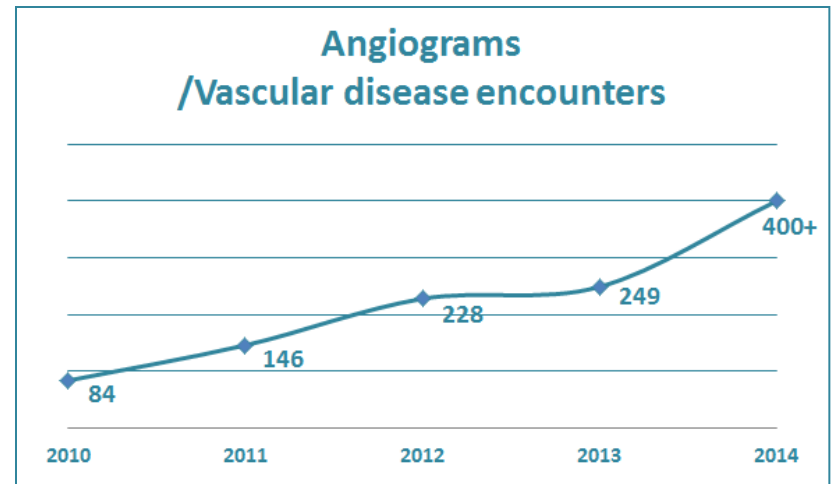
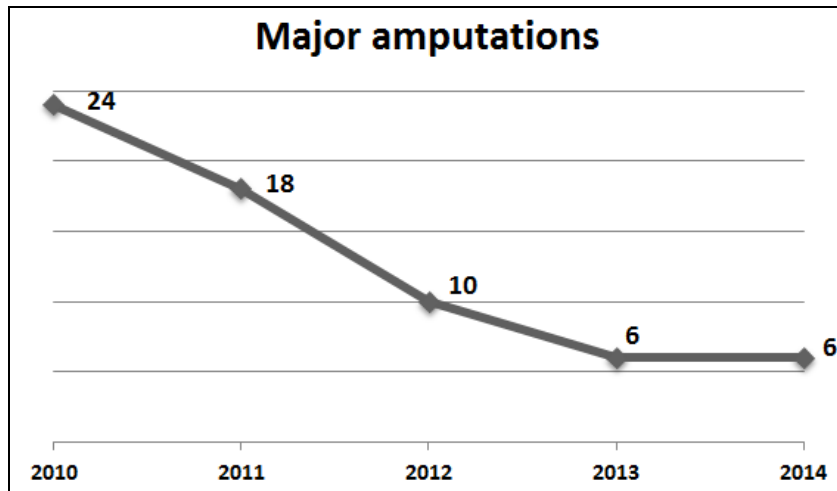
Amputation

- Major amputation continues to be a primary therapy, and frequently the only treatment offered to CLI patients¹⁻⁴
 - Amputation is the primary therapy in 60-70% of CLI patients
 - 50% of the major amputations occur without any prior diagnostic evaluation
- Major amputation is costly, the 6th most expensive surgical procedure in the US⁵
 - The macroeconomic cost of amputation is estimated at \$10.6 billion/year

Limb Preservation ⁵	Amputation ⁵
The 2-year mortality rate is 16% to 24%	The one-year mortality rate for patients over 65 years old is 48% and the 3-year mortality rate is 71%
Almost two-thirds of patients are routinely discharged home	Only 18% to 24% of patients are routinely discharged home
Fewer than 20% of patients are discharged to a nursing home	A majority of patients (70%) go to another institution (a nursing home, rehabilitation facility)
At 2 years, 80% are walking and almost 90% are living independently	60% to 80% are unable to walk again
Data suggest patients who experience limb preservation have higher quality of life	One-third or more of patients experience depression, and in some, severe depression

Single-center Experience¹

- A dedicated focus on the implementation of advanced endovascular therapies, PAD awareness programs and multi-disciplinary wound care protocols reduced the major amputation rate in a community hospital.
- As a result, the incidence of major amputations fell 75%, from 24 amputations in 2010 to 6 in 2014, with the increased use of angiography.



MEDCAC Requests

- Ask CMS to implement a New Payment Model for amputation prevention
 - Multi-disciplinary approach
 - Vascular diagnostic procedure required before amputation
- Ask CMS to call a separate MEDCAC on the level of evidence for lower extremity amputations

Contact Information

Robert J. Thatcher

Chief Healthcare Policy Officer

Cardiovascular Systems, Inc.

rtatcher@csi360.com

651-259-1630

©2015 Cardiovascular Systems, Inc.
All Rights Reserved
Diamondback 360 and CSI are registered
trademarks of Cardiovascular Systems, Inc.
www.csi360.com



Cardiovascular Systems, Inc.
1225 Old Highway 8 NW
St. Paul, MN 55112
www.csi360.com

T: 651.259.1600
877.CSI.0360
F: 651.259.1696