Trend-bending Stroke Care Model Overview "ACT"

Avoid vascular risk by economically maximizing preventive Rx use

Convert hospital care of transient ischemic attack and mild stroke to care in safe alternative settings for most patients

Transform tPA delivery and transition to post-hospital care

~11% net reduction in direct healthcare spending on stroke and heart attack (and large reduction in strokes & disabling strokes)
Avoid Strokes (and Heart Attacks)...

Proactive Outreach to Patients with Elevated Vascular Risk

Nurse-based Telephonic Titration of Generic Meds

Low-Cost Health Coaches Reducing Medication Adherence Barriers

Eliminating Medication Copays for Post-MI Patients +/- Post-Stroke Patients

Toolkit
- Motivational interviewing
- Reminders
- Sociocultural Factors
Convert Hospital Care for TIA

- Triage
  - Patient History
  - Vessel Imaging

- Early Start of Secondary Prevention Meds

Guaranteed Outpatient Follow-up with 48 hrs
Convert Hospital Care for Mild Stroke
(For those not eligible for tPA)

**Hospital Admission**

0 → 2-3 days

- History + Exam
- Labs
- MRI + Vessel Imaging
- Therapy Evaluations
- Secondary Prevention

**Observation Status**

0 → 23 hrs

- Support Line

**Key**

- Value Add
- Non-value Add
Transform Hospital Care for Stroke...Faster tPA

Better Recognition of Stroke

Teleneurologist

Obtaining Patient History and Preparing Team

Circumvent ED

Additional Opportunity to Work with Emerging Rural Teleneurology Networks

Immediate CT Scan and, if Eligible, tPA Administered
Transform Hospital Care for Stroke...
Improved Transition to Post-Hospital Setting

**During Hospitalization**

- Proactive Focus on Patients with Elevated Readmission Risk
- High-Value Transitions Planning Checklist

**Post-Hospitalization**

- Peer Health Coaching to Better Ensure Smooth Transition
- PCP Visit Within 7-14 days of Hospitalization

**Toolkit**
- Solidify Understanding + Support
For 50,000 people, of whom 10,000 are at elevated risk for stroke and/or heart attack:

- **110 hospitalizations converted in 1st year**
- **10 disabling strokes averted**
- **12 readmissions prevented in 1st year**

**Total Net Savings:**
- **$2,100,000**
- **$1,800,000**
- **$1,500,000**
- **$1,200,000**
- **$900,000**
- **$600,000**
- **$300,000**
- **$0**

**Net Savings in USD**

**~11% net reduction in direct spending on stroke and heart attack**