VascTrac Study:
PAD Meets Personalized Medicine

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We are not 747s with the same blueprint

We all respond to treatments differently
The Rise of Endovascular Procedures

Fig. 1. Admissions for peripheral arterial disease and procedures per year.

One year patency rates can be as low as 60%

Can we do a better job with surveillance?
Mobile Revolution

2 Billion smart phones in the world

90 Million iPhones in the US
VascTrac PAD Study

Personal mobile phone app

Compliant / Secure / IRB Approved

Monitors Activity
  - Passively / Actively (6 MWT)

Basic Surveys (push notifications)
  - medical / surgical surveys
VascTrac PAD Study

Collect baseline daily metrics

1) total steps / distance
2) total flights climbed
3) **Max Steps Without Stopping (MSWS)**
   total steps walked without stopping for >1min

Bi-weekly 6MWT
Quarterly Medical/Surgical Survey
VascTrac PAD Study

3000 patients

Prospective longitudinal cohort study

Inclusion:

18 yrs / iPhone 5s / Can read
+/- claudication (Rutherford 0-3)
VascTrac PAD Study Goals

Validate passive activity monitoring in PAD patients vs. normal controls

Follow endo/open treated patients over time

Can decline in activity predict treatment failure?
Can Personalized Medicine Approach Change Paradigm for Surveillance?

Beta testing started in Nov 2016

75 patients enrolled

Full launch in the next few months.

Contact us if you are interested in getting flyers and enrolling pts.
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