DAPS Health Predictive Analytics and Methodology

An Innovation for Patients with complications of the Diabetic Foot and Concurrent Co-Morbid Conditions

DAPS HEALTH
Diabetic Amputation Prevention Specialists

Every 20 seconds, worldwide, someone experiences an amputation

Amputation should never be the accepted end result

Diabetic Lower Extremity Outcomes

Significant reductions in acute events and medical expense

4:1 to 9:1 amputation occurrence after program started	Reduction of amputation rate by 70%	Reduction of LOS by 67% (LEX)	Reduction in hospitalization by 70% (LEX)	20% reduction in hospitalizations of all diabetics, all causes

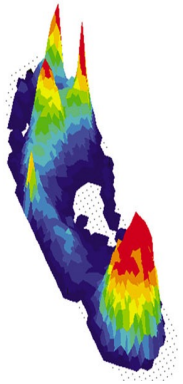
Presented to CDC National Meeting on Diabetes Translations, New Orleans, LA and American Diabetes Association National Meeting, Philadelphia, Pa

3rd Mechanism of Injury Leading to Tissue Destruction

DAPS area of concentration

Where others focus

Neuropathy → Abnormal Biomechanical Pressure → Inflammation → Ulcer → Multiple Hospitalizations, Surgeries, Amputations



Standard of Care

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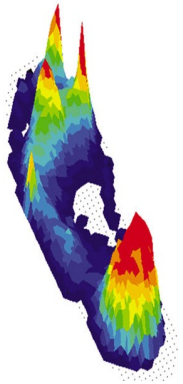


State of the Art…DAPS addresses the problem before it occurs
Never seeing an ulcer = success

Introduction to Infrared Technology

Use of infrared technology measuring an increase in blood perfusion. to the superficial skin caused by trauma showed inflammatory signals converted to temperature could predict neuropathic complications far upstream from a first acute event.

Adding this technology to already existing clinical services for diabetic foot exams will significantly increase revenues while concurrently reducing suffering and medical expense.

Infrared Technology

Measures blood perfusion of the superficial skin which can show inflammation caused by trauma

Infrared Scanner

Scan 6 points on each foot

Phone Application sends to backend for analysis

Alerts

=/>4 degree deltas for three straight days = **potential ulcer**

Spike in temperature from a point on one foot compared to the same point the following day = **potential trauma**

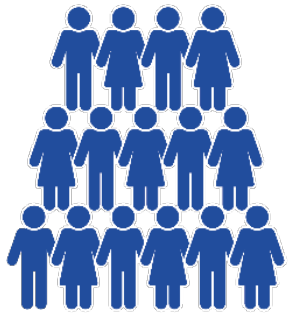
Dip in temperature from a point on one (area) foot compared to the same point (area) the following day = **potential vascular obstruction**

Non - compliance for two straight days

DAPS Health Models

HOSPITAL/CLINIC

Revenue model that involves utilizing health clinics owned or managed by hospital system that perform outpatient screening and education.



PAYOR/EMPLOYER

Engage large healthcare payers to use the DAPS Health system, providing Infrared scanners to all diabetic patients who qualify within the payer population.

DTC VIA RX

An RX model adds revenue from remote physiological monitoring to physicians'/podiatrists' practice.

DIRECT TO CONSUMER

Marketing and distributing Infrared Scanners direct to diabetic consumers and charging a monthly fee for data analytics software.

US RPM CPT codes

CPT Code	What it Covers	Who Can Bill	Billing Time	Reimbursement Rate-Average 2024
99453	Initial set up and education of device	Not specified, not required to be clinical staff. Practice Expense	Billed 1X Per Patient, Only First Month of Reading for 99454	$19.65
99454	Device Supply With Daily Recordings and Programmed Alerts	Not specified	Billed every 30 days if there is a minimal of 16 transmittals	$46.50
99091	Data analysis/interpretation for 30 minutes each month; interactive communication not required	Physician and/or other QHCP	Billed each 30 days **Can only bill 99091 or 99457 , but cannot bill both**	$52.71
99457	20 minutes monitoring and treatment management with interactive communication	Indirect Supervision of clinical staff	Billed each calendar month	$48.14
99458	Each additional 20 minutes of monitoring and treatment management services provided.	Indirect Supervision of clinical staff	Billed each calendar month	$38.64 per 20 minutes capped 2x/month

CPT code and potential yearly reimbursement assume 5000 patients

- New Patient Initial Visit CPT 99204
  - $140 x 5000 patients = $700,000
- Follow-Up Visits 99212
  - $45 x 5 visits x 5000 patients = $1,125,000
- DAPS Health System RPM multiple CPT codes
  - $1600 x 5000 patients = $8,000,000

Potential Yearly Revenue = $9,825,000

Thank You