

Take a proactive approach to assessing memory cognition wellbeing anywhere

*WITH AN EVIDENCE AND CLOUD BASED
COGNITIVE HEALTH SOLUTION THAT PROMOTES A
HOLISTIC APPROACH TO PATIENT WELL BEING*

HEALTHY  AMPLIFIED™

**COGNITIVE SCREENING & FUNCTIONAL
ASSESSMENTS FOR HEALTHCARE**

INTRODUCTION

ASSESSING COGNITION MEMORY IS KEY TO PATIENT ADHERENCE AND IMPROVED OUTCOMES

Left unassessed and unsupported, healthcare systems lose billions due to poor patient adherence, returned trips to the Emergency Room and diminished outcomes associated with mental health problems.

WHY ARE BRAIN HEALTH ASSESSMENTS NEEDED TO ACHIEVE WELLBEING AT WORK OR AT HOME?

Addressing potential problems with cognition and mood early, and adopting changes in lifestyle before they impact productivity and performance, helps to maintain a healthier patient outcomes and overall better work & life performance.

THE IMPACT OF POOR WORKPLACE AND PATIENT MENTAL WELLBEING IS GROWING BUT THERE ARE SOLUTIONS AVAILABLE TO REVERSE THE TREND.

\$4.34B
National Costs for Readmissions to healthcare systems



\$14,400
Average Cost per patient costs



¹ 5% of Patients Consume 50% of Total Healthcare Costs
In a recent Kaiser Permanente published analysis, Top payors and providers found that Patients that had pre-existing conditions are often associated with Mental health conditions. When identified and placed on a regimen reduced Emergency and Hospital visits by at least 20%.

² Assessing Cognition is key to increasing patients and lowering outcomes that Centers for Medicare and Medicaid now REQUIRE cognition assessments as apart of the ongoing wellness care. Its more cost effective to assess memory cognition and depression than ultimately paying for readmissions costs and impacting quality provider performance.

NEWER RESEARCH SUGGESTS that the benefits of routine cognition screening older patients outweighs the challenges of the past. Identifying the problem at a milder level of impairment – and enacting a care regimen – may stave off a crisis that can disrupt patient’s lives, prevent them from putting their affairs in order and levy extreme burdens on caregivers. Providing frontline cognitive tools access to Primary Care and Internists maximizes the clinical value.

In a recent Publication a major Healthcare provider was able to reduce the system wide cost of care between and improve patient outcomes by detecting Mood and Behavioral disorders by treating the symptoms.

- Reduced ER visits by 34%
- 26% Fewer hospital days enrolled
- Reduction in Hospital readmissions from by 16%~50% per facility across

Early Detection Works. Among healthy patients, people who made changes in nutrition and exercise showed cognitive improvements on average. People who were already experiencing some memory problems also showed cognitive improvement—if they followed at least 60% of the recommended changes.

Harvard Business Review - Managing the Most Expensive Patients –Robert Pearl and Philip Madvig; (January-February 2020)
Only CANTAB™ provides clinical superior performance in detecting the earliest symptoms of decline and impairment

PRECISION MEDICINE INTERVENTION IN PATIENTS AT RISK FOR ALZHEIMER'S DEMENTIA -Richard S. Isaacson-Alzheimers & Dementia: The Journal of the Association Journal; July 2019.

PRODUCTS

CANTAB™ Cognition Healthcare

Instantly Reports identified potential cognition and mood risk early to Clinicals and report staff; Enables patients who may struggle to self report; and details personalized advice from Healthcare Professionals to help patients and employees feel and perform at their best.

CANTAB Mobile®

- Medical device – FDA-cleared and CE Marked
- Differentiate symptoms with 98% accuracy between Alzheimer's and Depression
- Delivers 92% specificity and 100% sensitivity to dementia in primary care settings
- Automated and standardized administration - 10 MINUTES
- Voiceover guidance in over 20 languages; Including Espanol'
- Results automatically adjusted for age, gender & education
- Includes integrated sensitive depression screen
- Protects Clinician workflow and saves time

CANTAB™ BrainHealth is a Cloud based evidence based mental and cognition health assessment battery which supports healthcare providers and employer clinics to take a proactive and holistic approach to patient wellbeing.

CANTAB Insight®

- Medical device – FDA Listed Exempt and CE Marked
- 5 Cognitive Domains assessed: Executive Function, Processing Speed, Attention, Working Memory, Episodic Memory
- Automated and standardized administration; 20~30 MINUTES
- Voiceover guidance in over 20 languages; Including Espanol'
- Results automatically adjusted for age, gender & education
- Protects Clinician workflow saving time

- Telemedicine Ready - Assess patients capturing cognitive insights remotely over time
- Over 24 Cloud Based Cognitive assessments available - device independent;
- Easy integration setup with your existing Electronic Medical Records solutions
- Enables patient centered treatments during the provider's scope of care
- Assess patients remotely
- Track ongoing Results over time via the Cloud
- Remove Behavioral Health stigma and Improve Convenience



CANTAB™ screenings detect early symptoms utilizing gamified applications which improves the patient experience and ultimately lowers the cost of care.

Medicare's Quality Programs are now tied to total quality key performance measures. An effective Cognition screenings program increases quality performance measures and a reduction readmissions rates while also providing compelling reimbursements. Our team of Healthcare provider system experts are available to explore your Care Model and related Clinical Workflow to create solution that works within your facility. Primary Care providers and Hospitalists utilize CANTAB technology to make an instant impact every time.

HOW DOES BRAIN HEALTH IMPACT KEY MEMORY SKILLS?

ORGANIZATION WORKING MEMORY

Working memory stores information during an activity, such as calculating sums or remembering a list. Memory problems affect a number of important work-related skills including organization, time keeping, and decision making.

FOCUS ATTENTION

The ability to maintain focus is essential to perform well at work, for example during a long meeting or when reading a document. Paying attention to information is also important for other cognitive processes to function properly, such as remembering something that was said in a meeting.

COMMUNICATION EMOTIONAL PROCESSING

Problems in processing emotional information, such as facial expressions, can affect people experiencing mental health problems. The ability to understand and interpret verbal and non-verbal communication is crucial for working well with colleagues.

PLANNING EXECUTIVE FUNCTION

Executive functions refers to our ability to plan and achieve complex goals, for example, successfully bringing together a report that covers many topics or managing a meeting.

MOOD

Provides a snap shot at a point in time. It describes the mental state and behaviors of the person being seen.

ACTIVITIES OF DAILY LIVING (ADL)

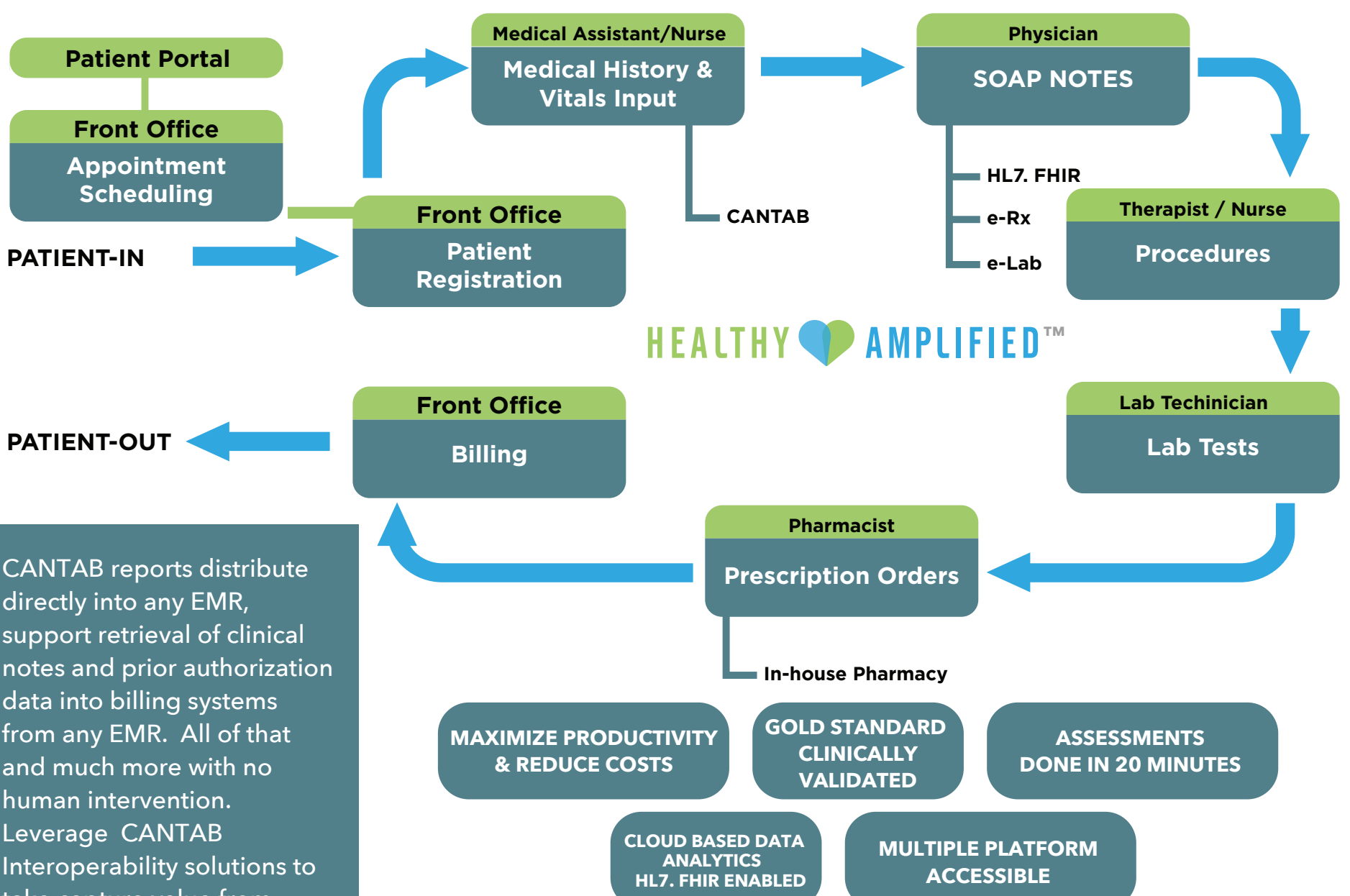
Activities of daily living (ADLs) are routine activities people do every day without assistance. The ability to perform ADLs is used to help determine medical status for health coverage and long-term care decisions.

CANTAB™ Interoperability Done Right. Integration Made Easy : Capture Quality Incentive Program Value.

CANTAB reports distribute directly into any EMR. Retrieval of clinical notes from any EMR. Retrieval of prior authorization data into billing systems. All of that and much more with no human intervention.

- Run without human intervention, interoperability data flows seamlessly and accurately across platforms.
- Automatically upload reports directly into a referring physician's EMR---whether cloud based or local.
- Automatically route reports directly to the patient's folder in that EMR.
- Automatically retrieve all relevant patient documents from any referrer's EMR and match them with an incoming order in the provider's system.
- Automatically export the entire patient chart securely to HIE, or any other system, for real time collaboration.
- Automatically verify incoming orders against patient data auto-populating data into a new record if none exists.
- Automatically retrieve and route patient data from a referrer's EMR for any custom workflow.

CHALLENGES ASSOCIATED WITH MONITORING MENTAL WELLBEING CAN BE ADDRESSED NOW BY IMPLEMENTING CANTAB BRAINHEALTH



CANTAB reports distribute directly into any EMR, support retrieval of clinical notes and prior authorization data into billing systems from any EMR. All of that and much more with no human intervention. Leverage CANTAB Interoperability solutions to take capture value from MEDICARE Quality Incentive Programs (QIP).

¹ - Harvard Business Review - Managing the Most Expensive Patients by Robert Pearl and Philip Madvig From the January-February 2020 Issue
² Annual Wellness Visit - Centers for Medicare & Medicaid Services - ICN 905706