

# A SUPPLEMENT TO THE JOURNAL OF FAMILY PRACTICE

# Using Multi-Condition Assessment to Optimize Management of Mental Health in Primary Care

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### BACKGROUND

Primary care practitioners (PCPs) serve as the frontline of care for people with mental health and substance use disorders (MHSUDs).<sup>1</sup> They treat up to 70% of individuals with MHSUDs and write up to 65% of psychotropic prescriptions.<sup>2</sup> Patients are most likely to turn to their PCPs to address their mental or behavioral health issues, often because they already see them for other health needs.<sup>3</sup> Yet, PCPs frequently report that they feel unprepared to diagnose or effectively treat these conditions.

PCPs also routinely encounter chronic medical conditions that are impacted by MHSUDs. About two-thirds of people with mental health disorders have a chronic medical condition,<sup>3</sup> yet only 13% receive effective treatment in general medical settings.<sup>4</sup> Not only are outcomes far less than optimal as a result, but overall costs are much higher. A recent financial analysis found that medical costs

## FIGURE 1. Lifetime prevalence of mental health disorders<sup>7</sup>



for 18 common chronic conditions are 2 to 3 times higher for those with comorbid behavioral health conditions, estimated at \$293 billion in the United States in 2012, with most of the increased cost attributed to worsening medical conditions.<sup>5</sup> PCPs are better able to manage medical comorbidities and achieve improved outcomes if they address the mental health issues that interact with these other conditions and worsen outcomes.

## DETECTING MENTAL HEALTH CONDITIONS

The 12-month prevalence of any psychiatric disorder in the United States has been shown to be 26%, with major depression affecting 6.7% of Americans during any year and 18% experiencing anxiety disorders.<sup>6</sup> The variety and prevalence of mental health disorders over a lifetime can be seen in **FIGURE 1**.<sup>7</sup>

Currently, most mental health screening conducted in clinical settings only detects depression, resulting in low recognition of other lifetime diagnoses.<sup>8</sup> Significantly, 60% of Americans with any mental health diagnosis have more than one diagnosis.<sup>7</sup> Some authors have concluded that assessments capable of identifying multiple conditions would lead to better patient care and outcomes.<sup>9-10</sup>

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DISCLOSURES

Drs. Daviss, Hurowitz, and Culpepper are members in M-3 Information, LLC.

This Industry Direct supplement to *The Journal of Family Practice* was developed by Laboratory Corporation of America<sup>®</sup> Holdings. It did not undergo peer review by the journal. The US Preventive Services Task Force recommends that positive depression screens "should lead to additional assessment that considers severity of depression and comorbid psychological problems, alternate diagnosis and medical conditions."<sup>11</sup>

# WHAT IS THE MULTI-CONDITION M3 CHECKLIST?

The M3 Checklist is a nationally-recognized, peerreviewed, and clinically validated tool<sup>6</sup> that compiles and evaluates a patient's potential risk for mood and anxiety symptoms (**FIGURE 2**). More specifically, the M3 Checklist is a multi-condition assessment tool, measuring symptoms of depression, bipolar disorder, post-traumatic stress disorder (PTSD), and anxiety disorders in one 27-question, Web-based, patient-completed questionnaire. Clinicians can order it in the same way they do any LabCorp lab order. Prior to an appointment, patients are sent a secure link so they can complete the electronic assessment on their personal computer, tablet, or smartphone. The results are sent to the clinician's electronic health record (EHR) as structured data.

The M3 Checklist creates a symptom profile that helps PCPs and other clinicians focus on appropriate treatments. Over time, repeat assessments can be used to track an individual longitudinally and monitor treatment effectiveness, and the data collected can be used for outcomes-based measures.

### **OFFICE PROCEDURE**

Payers have recognized the value of assessment tools for some time, but they have been largely unsuccessful in spurring their adoption by clinicians. One obstacle has been the interruptions to clinical



#### FIGURE 3. Physician/patient data flow



workflow caused by unwieldy, poorly-integrated instruments. Another has been the uncertainty of reimbursement for use of an assessment tool. As seen in **FIGURES 3, 4A**, and **4B**, the M3 Checklist fits within the office workflow as easily as any lab order. Reimbursement is also addressed, as many providers find that the M3 Checklist is reimbursed under one of several commonly used behavioral health assessment codes.

In January 2017, new billing codes were created for behavioral health integration services for Medicare patients receiving collaborative care.<sup>12</sup> Other payors have begun to adopt these codes on their own schedule (e.g., Blue Cross & Blue Shield of Rhode Island in April 2017). The collaborative care model is defined as a team-based approach to mental health care, including the patient, PCP, care manager, and a psychiatrist in which patients are screened, diagnosed, treated to target, and progress is tracked on a regular basis. Integrating primary care and behavioral health has been shown to lead to improvements in mental and physical health and quality of life, and to a decrease in costs.<sup>3</sup>

Clinical quality measures (CQMs) are an important component of alternative payment models, and CQMs for behavioral health conditions have, to date, been rather limited. The M3 Checklist meets the requirements of more than a dozen accepted CQMs. As the trend towards greater acceptance of outcome measures and greater use of alternative payment models advances, the M3 Checklist will be positioned to help clinicians comply with the CQMs expected to be introduced in coming years.



2

0-2 drinks 3-4 drinks 5-6 drinks 7-9 drinks 10+ drinks

Never Less than Monthly 2-4x weekly Almost Daily

2-4x 2-3x w

3 4

4+ times weekly

Points 0

•

Q1: How often did you have a drinl containing alcohol in the past year

Q2: How many drinks did you have on a typical day when you were drinking in the past year?

Q3: How often did you have 6 or

the past year?

6 AUDIT-C identifies people at high risk for Alcohol Use Disorder. A positive test is a total score of 3 or higher (some use 4 as the threshold for men) or any response to Q3 other than "Never."

Use Case	Logic	How Often to Administer
Annual physical	Routine screening, per USPSTF recommendations <sup>11,14</sup>	An estimated 43.6 million adults dealt with a mental disorder in 2014 <sup>15</sup>
Monitoring those in therapy or receiving medication	Monitor progress to adjust treatment to improve outcomes	USPSTF suggests using clinical judgment in con- sideration of risk factors, comorbid conditions and life events to determine if additional screening is warranted <sup>11</sup>
Readmission reduction efforts	Mental illness may affect the chances of hospital readmissions	Depression and mental illness are responsible for up to 20% of rehospitalizations <sup>16</sup>
Behavioral health/employee assistance	Decrease absenteeism and workplace impairment <sup>17,18</sup>	Depression results in almost 400 million disability days each year <sup>17</sup>
Specialty settings	High rates of mental illness and physical illness comorbidity <sup>19,20</sup>	OB/GYN (Post Partum) <sup>20,21</sup>
		• Endocrine (Diabetes) <sup>20</sup>
		Cardiology (IHD, Hypertension) <sup>20</sup>
		• Neurology (Stroke) <sup>20</sup>

### TABLE. Use cases for M3 in primary and specialty care settings

Abbreviation: TBI, traumatic brain injury.

### CONCLUSION

Large numbers of Americans have mental health conditions that result in high costs to the health care system. Costs are even higher and outcomes worse when considering the interaction of unrecognized and/or untreated mental health conditions and many comorbid chronic health conditions. Most people with mental health conditions continue to receive care from PCPs, who also write most prescriptions for psychotropic medications. PCPs, however, are often ill-prepared to diagnose or treat mental health disorders. The M3 Checklist, available through LabCorp, is a concise and reliable patient-reported guestionnaire that leads to an assessment of risk for 4 common mental health disorders with an option for screening of substance use. It fits efficiently into office workflow and can be applied through a variety of clinical use cases (see TABLE). Potentially reimbursable under commonly used billing codes, the M3 Checklist is also reliable as a tool to monitor treatment progress and outcomes.

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