

TMS TRENDS

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SMARTBAND MAY AID TREATMENT OF DEPRESSION

<http://www.sciencedaily.com/releases/2015/04/150414110416.htm>

A study by Georgia researchers reviewed the use of a motion detection wristband that records motion throughout a 24-hour cycle. The device is used to determine if a person is a night owl or an early bird, a lark. Investigators believe this approach may be an inexpensive, safe way to determine which patients with major depressive disorder will respond best to commonly prescribed drugs. Patients and their physicians may go through many months, doses, and different selective serotonin reuptake inhibitors, or SSRIs, as well as other antidepressants trying to get results. As published in the *Journal of Psychiatric Research*, the study indicates that the wristband may help by identifying those commonly referred to as “night owls.” Lead author, Dr. W. Vaughn McCall, stated that their findings suggest that night owls are more likely to be depressed but also are more likely to respond to SSRIs. Additionally, he believes that the early birds are more likely to need two drugs and may better respond to a different class of drugs. The rest-activity pattern of patients may be one of the first biomarkers that could better guide drug selection and effectiveness.

HISTORY OF MENTAL ILLNESS FAILS TO PREDICT FUTURE VIOLENCE

<http://psychcentral.com/news/2015/04/27/history-of-mental-illness-not-predictive-of-future-violence/83975.html>

A longitudinal study of detained youths finds that most psychiatric disorders, including depression, do not predict violent behavior. An exception to the findings is that a history of substance abuse and dependence may be linked to increased incidence of violent behavior. Also, some delinquent youth with current psychiatric illness may become violent. Researchers discovered that delinquent youth with psychiatric illness often have multiple risk factors such as living in violent and impoverished neighborhoods. These environments may increase their risk for violent behavior as well as worsen their psychiatric illness. The authors believe that providing comprehensive treatment to persons with some psychiatric disorder could reduce violence. They also believe that improvements must be made on how we address multiple problems, including violence behavior, as part of psychiatric treatment.

BRAIN TEASERS TO CHALLENGE YOUR MIND!

SOURCE: SCIENTIFIC AMERICAN MIND

5 MISSING LINK

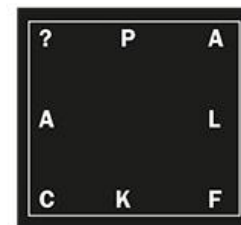
Each group of letters below is a jumbled word that has one letter missing. The same letter is missing in all six words. Find the letter and unscramble the words.

ENCU RUEC CATU
RCHA IOAR ANVI

The missing letter is D:
DUNCE, CRUDE, DUCAT,
CHARD, RADIO OR DORIA,
DIVAN OR VIAND.

6 WORD WHEELS

Find the eight-letter word spelled out in each box below by beginning with the correct letter and moving clockwise or counterclockwise around the box, using each letter only once. The question mark represents a letter that you must supply, which is the same for both words.



MAHARAJA, FLAPJACK.