

## ASAM RELEASES NEW DEFINITION OF ADDICTION

### *Addiction Is a Chronic Brain Disease, Not Just Bad Behaviors or Bad Choices*

CHEVY CHASE, MD, August 15, 2011 – The American Society of Addiction Medicine (ASAM) has released a new definition of addiction highlighting that addiction is a chronic brain disorder and not simply a behavioral problem involving too much alcohol, drugs, gambling or sex. This the first time ASAM has taken an official position that addiction is not solely related to problematic substance use.



When people see compulsive and damaging behaviors in friends or family members—or public figures such as celebrities or politicians—they often focus only on the substance use or behaviors as the problem. However, these outward behaviors are actually manifestations of an underlying disease that involves various areas of the brain, according to the new definition by ASAM, the nation’s largest professional society of physicians dedicated to treating and preventing addiction.

“At its core, addiction isn’t just a social problem or a moral problem or a criminal problem. It’s a brain problem whose behaviors manifest in all these other areas,” said Dr. Michael Miller, past president of ASAM who oversaw the development of the new definition. “Many behaviors driven by addiction are real problems and sometimes criminal acts. But the disease is about brains, not drugs. It’s about underlying neurology, not outward actions.”

The new definition resulted from an intensive, four year process with more than 80 experts actively working on it, including top addiction authorities, addiction medicine clinicians and leading neuroscience researchers from across the country. The full governing board of ASAM and chapter presidents from many states took part, and there was extensive dialogue with research and policy colleagues in both the private and public sectors.

The new definition also describes addiction as a primary disease, meaning that it's not the result of other causes such as emotional or psychiatric problems. Addiction is also recognized as a chronic disease, like cardiovascular disease or diabetes, so it must be treated, managed and monitored over a life time. Two decades of advancements in neurosciences convinced ASAM that addiction needed to be redefined by what's going on in the brain. Research shows that the disease of addiction affects neurotransmission and interactions within reward circuitry of the brain, leading to addictive behaviors that supplant healthy behaviors, while memories of previous experiences with food, sex, alcohol and other drugs trigger craving and renewal of addictive behaviors.

Meanwhile, brain circuitry that governs impulse control and judgment is also altered in this disease, resulting in the dysfunctional pursuit of rewards such as alcohol and other drugs. This area of the brain is still developing during teen age years, which may be why early exposure to alcohol and drugs is related to greater likelihood of addiction later in life.

There is longstanding controversy over whether people with addiction have choice over antisocial and dangerous behaviors, said Dr. Raju Hajela, past president of the Canadian Society of Addiction Medicine and chair of the ASAM committee on the new definition. He stated that "the disease creates distortions in thinking, feelings and perceptions, which drive people to behave in ways that are not understandable to others around them. Simply put, addiction is not a choice. Addictive behaviors are a manifestation of the disease, not a cause."

"Choice still plays an important role in getting help. While the neurobiology of choice may not be fully understood, a person with addiction must make choices for a healthier life in order to enter treatment and recovery. Because there is no pill which alone can cure addiction, choosing recovery over unhealthy behaviors is necessary," Hajela said. "Many chronic diseases require behavioral choices, such as people with heart disease choosing to eat healthier or begin exercising, in addition to medical or surgical interventions," said Dr. Miller. "So, we have to stop moralizing, blaming, controlling or smirking at the person with the disease of addiction, and start creating opportunities for individuals and families to get help and providing assistance in choosing proper treatment."

**To read the full Definition of Addiction, visit:**

<http://www.asam.org/DefinitionofAddiction-LongVersion.html>

*Dr. Miller is past president of ASAM. Dr. Hajela is past president of the Canadian Society of Addiction Medicine and is a board member of ASAM. The American Society for Addiction Medicine is a professional society representing close to 3,000 physicians dedicated to increasing access and improving quality of addiction treatment, educating physicians and the public, supporting research and prevention, and promoting the appropriate role of physicians in the care of patients with addictions.*

**American Society of Addiction Medicine**

4601 North Parke Avenue, Upper Arcade, Suite 101 Chevy Chase, MD 20815

[www.asam.org](http://www.asam.org)