When I went to see the 2012 Pulitzer prize-winning play *Water by the Spoonful*, written by Quiara Alegría Hudes, I was very curious about how it got its name. The answer was powerful. In one of the climaxes of the play, the main character, Eliot, reminds his natural mother of the day his “life was cut into two.” He was a young child of a Puerto Rican family in New York. He and his younger sister contracted “stomach flu” and had frequent diarrhea. His crack-addicted mother took them to the local emergency department, which was overflowing with similar cases. They were sent home with a brochure instructing the parents to give the children water by the spoonful every 5 minutes. A short time after they returned home, their mother fled. Many hours later, a neighbour found the 2 children totally dehydrated. The sister was already dead. Eliot says to his now-sober mother: “When you are so dehydrated, you do not even have water for tears.” At that moment, I had plenty of water turning into tears.

In 1994 I was privileged to help create Toronto’s Breaking the Cycle, a program aimed at mothers with addictions and their young children. During the past 2 decades I have seen a lot of brave women trying to break the cycle of addiction, and a small group of committed professionals trying to help them overcome their terrible odds. The statistics at Breaking the Cycle are encouraging, maybe because the team there mixes tenderness, love, and care with straightforward realism.

Existing evidence creates a very harsh picture of the risks faced by children of addiction. Without considering these risks, the chance to rescue the children is marginal. Children exposed in utero to drugs of abuse or alcohol tend to have higher rates of intrauterine growth restriction, premature birth, and small head circumference than healthy control subjects. Due to vertical transmission, these babies are more likely to have positive test results for hepatitis, HIV, and other sexually transmitted infections.

There are serious concerns about the neuropsychological achievements of these children—they achieve lower scores on screening tests than children of healthy mothers and than children of women who discontinued their drug...
use in early pregnancy. Studies showed that children born to mothers addicted to heroin had substantially lower cognitive achievements compared with healthy control subjects. However, if they were given up for adoption at a very young age, their achievements were not different from those of control subjects. These data strongly suggest that much of this damage is secondary to disrupted childhood experience, characterized by neglect, physical and emotional abuse, emotional instability, and many other markers of aggression and instability.

Just as concerning, studies have shown high prevalence rates of psychiatric morbidity among these children, with up to two-thirds having at least 1 psychiatric diagnosis, and almost half having at least 1 affective or anxiety disorder, with boys at higher risk. High prevalence rates of attention deficit hyperactivity disorder and oppositional defiant disorder are consistently reported. Studies have also repeatedly shown that the more foster homes these children attend, the worse their outcomes are.

 Sadly, the window for intervention is relatively narrow, and many of these children experience lower academic achievement, drop out of school, have high rates of psychiatric morbidity, and exhibit delinquency. As shown by Streissguth et al in the context of fetal alcohol spectrum disorder, the earlier these children are diagnosed and interventions are initiated, the better the predicted outcomes are.

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References


