

In the fight for money for the opioid crisis, will the youngest victims be left out?

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Babies born to mothers who used opioids during pregnancy represent one of the most distressing legacies of an opioid epidemic that has claimed almost 400,000 lives and ravaged communities.



In fact, many of the ongoing lawsuits filed against drug companies refer to these babies, fighting through withdrawal in hospital nurseries.

The cluster of symptoms they experience, which include tremors, seizures and respiratory distress, is known as neonatal abstinence syndrome, or NAS. Until recently, doctors rarely looked for the condition. Then case numbers quadrupled over a decade. Hospital care for newborns with NAS has cost Medicaid billions of dollars.

Studies indicate more than 30,000 babies with the condition are born every year in the U.S. - about one every 15 minutes. Although their plight is mentioned in opioid-related litigation, there are growing concerns that those children will be left out of financial settlements being negotiated now.

Robbie Nicholson, of Eagleville, tried to comfort her <u>second child</u> while the baby slowly underwent withdrawal from drugs Nicholson had taken during pregnancy.

"The whole experience is just traumatizing, really," Nicholson said.

Nicholson's ordeal began right after her first pregnancy. To help with postpartum recovery, her doctor prescribed her a pile of Percocets. That was the norm.

"Back then, it was like I was on them for a full month. And then he was like, "OK, you're done." And I was like, "Oh, my God, I've got a newborn, first-time mom, no energy, no sleep—like, that was getting me through," she said. "It just built and built and built off that."

After developing a full-blown addiction to painkillers, Nicholson eventually found her way into recovery. In accordance with evidencebased guidelines, she took buprenorphine, a medication that helps keep



her opioid cravings at bay. And then came another pregnancy.

But buprenorphine—as well as methadone, another drug used in medication-assisted <u>addiction treatment</u>—is a special kind of opioid. Its use during pregnancy can still result in withdrawal symptoms for the newborn, although increasingly physicians have decided that the benefits of keeping a mother on the medication, to prevent a potentially fatal relapse and overdose during pregnancy, outweigh the risk of her giving birth to a baby with neonatal abstinence syndrome.

Treatment protocols for NAS vary from hospital to hospital, but doctors and neonatal nurses have become better at diagnosing the condition and weaning newborns safely. Sometimes the mom and her baby can even stay together if the infant doesn't have to be sent to the neonatal intensive care unit.

But not much is known about the long-term effects of NAS, and parents and medical professionals worry about the future of children exposed in utero to opioids.

"I wanted her to be perfect, and she is absolutely perfect," Nicholson said. "But in the back of my mind, it's always going to be there."

There are thousands of children like Nicholson's daughter entering the education system. Dr. Stephen Patrick, a neonatologist in Nashville, said schools and early childhood programs are on the frontlines now.

"You hear teachers talking about infants with a development delay," he said. "I just got an email this morning from somebody."

Studies haven't proven a direct link between in utero exposure to opioids and <u>behavior problems</u> in kids. And it's challenging to untangle which problems might stem from the lingering effects of maternal drug use, as



opposed to the impacts of growing up with a mother who struggles with addiction and perhaps unemployment and housing instability as well. But Patrick, who leads the Center for Child Health Policy at Vanderbilt University, said that is what his and others' ongoing research wants to find out.

As states, cities, counties and even hospitals go after <u>drug companies</u> in court, Patrick fears these children will be left out. He pointed to public discussion of pending settlements and the settlement deals struck between pharmaceutical companies and the state of Oklahoma, which make little or no mention of children.

Settlement funds could be used to monitor the health of children who had NAS, to pay for treatment of any developmental problems and to help schools serving those children, Patrick explained.

"We need to be in the mix right now, in schools, understanding how we can support teachers, how we can support students as they try to learn, even as we work out [whether there was] cause and effect of opioid use and developmental delays or issues in school," he said.

But it's a nuanced problem with no consensus on where money is most needed, even among those who have worked on the problem for years.

Justin Lanning started Nashville-based 180 Health Partners, which works with mothers at risk of delivering a baby dependent on opioids. Most are covered by Medicaid. And Medicaid departments in each state pay for most of the NAS births in the U.S.

"We have a few departments in our country that can operate at an epidemic scale, and I think that's where we have to focus our funds," he said.



Lanning sees a need to extend government-funded insurance for new mothers, since in states like Tennessee that never expanded Medicaid, these moms can lose health coverage just two months after giving birth. That often derails the mother's own drug treatment funded by Medicaid, he said.

"This consistency of care is so key to their recovery, to their productivity, to their thriving," Lanning said of new mothers in recovery.

Nicholson now has a job at 180 Health Partners, assisting and mentoring pregnant women struggling with addiction. Nicholson said their biggest need is a stable place to live and reliable transportation.

"I just feel kind of hopeless," she said. "I don't know what to tell these women."

There are many needs, Nicholson said, but no simple fix. Those who work with mothers in recovery fear any opioid settlement money may be spread so thin that it doesn't benefit their children—the next generation of the crisis.

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