Multiplying the Impact of Opioid Settlement Funds by Investing in Primary Prevention

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There is growing momentum to hold drug manufacturers and distributors accountable for the more than 400,000 US opioid overdose deaths that have occurred since 1999.1 As state lawsuits against pharmaceutical manufacturers and distributors wind their way through the legal system, hospitals—which may benefit from settlement funds—have been paying close attention. Recently, former Governor John Kasich (R-Ohio), West Virginia University president E. Gordon Gee, and America’s Essential Hospitals argued that adequately compensating hospitals for the costs of being on the crisis’ “front lines” requires prioritizing them as settlement fund recipients.2

Hospitals should be laying the groundwork for how settlement funds might be used. They may consider enhancing some of the most promising, evidence-based services for individuals with opioid use disorders (OUDs), including improving treatment for commonly associated health conditions such as HIV and hepatitis C virus (HCV); expanding ambulatory long-term antibiotic treatment for endocarditis and other intravenous drug use–associated infections; more broadly adopting harm-reduction practices such as naloxone coprescribing; and applying best practices to caring for substance-exposed infants. They could also develop clinical services not already provided, including creating programs for OUD management during pregnancy and initiating medication for OUD in inpatient, emergency department, and ambulatory settings. In short, hospitals play a critical role in engaging people with OUD in treatment at every possible opportunity.3

When considering how to most effectively use opioid settlement funding, hospitals may consider adding or expanding these much-needed clinical services to address opioid-related harms; however, their efforts should not stop there. Investments made outside hospital walls could have a significant effect on the public’s health, especially if they target social determinants of health. By tackling factors in the pathway to developing OUD, such as lack of meaningful employment, affordable housing, and mental health care, hospitals can move beyond treating the downstream consequences of addiction and toward preventing community-level opioid-related harms. To accomplish this daunting goal, hospitals will need to strengthen existing relationships with community partners and build new ones. Yet in a 2015 study, only 54% of nonprofit hospitals proposed a strategy to address the overdose crisis that involved community partnering.4

In this Perspective, we describe the following three strategies hospitals can use to multiply the reach of their opioid settlement funding by addressing root causes of opioid use through primary prevention: (1) supporting economic opportunities in their communities, (2) expanding affordable housing options in surrounding neighborhoods, and (3) building capacity in ambulatory practices and pharmacies to prevent OUD (Table).

**SUPPORTING ECONOMIC OPPORTUNITY IN THEIR COMMUNITIES**

Lack of economic opportunity is one of many root causes of opioid use. For example, a recent study found that automotive assembly plant closures were associated with increases in opioid overdose mortality.5 To tackle this complex issue, hospitals can play a crucial role in expanding employment and career advancement options for members of their local communities. Specifically, hospitals can do the following:

- Create jobs within the healthcare system and preferentially recruit and hire from surrounding neighborhoods
- Establish structured career development programs to build skills among entry-level healthcare employees
- Award contracts of varying sizes to locally owned businesses
- Employ individuals with lived experience with substance use disorders, such as peer recovery coaches6

To illustrate how health systems are investing in enhancing career opportunities for members of their communities, hundreds of institutions have implemented “School at Work,” a 6-month career development program for entry-level healthcare employees.7 The hospitals’ Human Resources department trains participants in communication skills, reading and writing, patient safety and satisfaction, medical terminology, and strategies for success and career advancement. Evaluations of this program have demonstrated improved employee outcomes and a favorable return on investment for hospitals.8

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As “anchor institutions” and large employers in many communities, hospitals can simultaneously enhance their own workforce and offer employment opportunities that can help break the cycle of addiction that commonly traps individuals and families in communities affected by the overdose crisis.

EXPANDING AFFORDABLE HOUSING OPTIONS

Hospitals are increasingly supporting interventions that fall outside their traditional purview as they seek to improve population health, such as developing safe green outdoor spaces and increasing access to healthy food options by supporting local farmers markets and grocers.9 Stable, decent, and affordable housing is critically important to health and well-being.10 and there is a well-documented association of opioid use disorder and opioid misuse with housing instability.11 Given evidence of improved outcomes with hospital-led housing interventions,12 a growing number of hospitals are partnering with housing authorities and community groups to help do the following13:

- Contribute to supportive housing options
- Provide environmental health assessments, repairs, and renovations
- Partner with housing authorities and community groups to buy or develop affordable housing units in their communities

TABLE. How Hospitals Can Invest Opioid Settlement Funds in Primary Prevention

<table>
<thead>
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<th>Strategies</th>
<th>Examples</th>
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<tr>
<td>Supporting economic opportunity</td>
<td>• Create jobs within the healthcare system and preferentially recruit and hire from surrounding neighborhoods</td>
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<td></td>
<td>• Establish structured career development programs for entry-level healthcare employees</td>
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<td></td>
<td>• Award contracts of varying sizes to locally owned businesses</td>
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<td></td>
<td>• Employ individuals with lived experience with substance use disorders, particularly as peer recovery coaches</td>
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<tr>
<td>Developing affordable housing</td>
<td>• Contribute to supportive housing options</td>
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<td></td>
<td>• Partner with housing authorities and community groups to buy or develop affordable housing units in their communities</td>
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<td>Building prevention capacity</td>
<td>• Provide evidence-based training to community providers on safe-prescribing practices</td>
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<td>• Support ambulatory providers in expanding office-based mental health treatment</td>
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<td></td>
<td>• Support ambulatory providers to implement risk reduction strategies to prevent adolescent and young adult initiation of problematic opioid use</td>
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<td></td>
<td>• Work with pharmacists to counsel patients on the risks and benefits of prescription opioids</td>
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BUILDING PREVENTION CAPACITY IN THE COMMUNITY

Finally, hospitals can partner with community ambulatory practices and pharmacies to prevent the progression to problematic opioid use and OUD. Specifically, hospitals can do as follows:

- Provide evidence-based training to community providers on safe prescribing practices for acute and chronic pain management, as well as postoperative, postprocedural, and postpartum pain management
- Support ambulatory providers in expanding office-based mental health treatment through direct care via telemedicine and in building mental health treatment capacity through consultation, continuing medical education, and telementorship (eg, Project ECHO15)
- Support ambulatory providers to implement risk reduction strategies to prevent initiation of problematic opioid use, particularly among adolescents and young adults
- Partner with local pharmacies to promote point-of-prescription counseling on the risks and benefits of opioids
- Hospitals bring key strengths and resources to these prevention-oriented partnerships. First, they may have resources available for clinical research, implementation support, program evaluation, and quality improvement, bringing such expertise to partnerships with ambulatory practices and pharmacies. They likely have specific expertise among their staff, including areas such as pain management, obstetric care, pediatrics, and adolescent medicine, and can provide specialists for consultation services or telementoring initiatives. They also can organize continuing medical education and can offer in-service training at local practices and pharmacies.
- Project ECHO is one example of telementoring to build capacity among community providers to manage chronic pain
and address addiction and other related harms. The Project ECHO model includes virtual sessions with didactic content and case presentations during which specialists mentor community clinicians. Specific to primary prevention, telementoring has been shown to improve access to evidence-based treatment of chronic pain and mental health conditions, which could prevent the development of OUD. By equipping community clinicians with tools to prevent the development of problematic opioid use, hospitals can help reduce the downstream burden of OUD and its associated morbidity, mortality, and costs.

CONCLUSION

The opioid crisis has devastated families, reduced life expectancy in certain communities, and had a substantial financial impact on hospitals—resulting in an estimated $11 billion in costs to US hospitals each year. This ongoing crisis is only going to be compounded by the recent emergence of the SARS-CoV-2 virus. Hospital resources are being strained in unprecedented ways, which has required unprecedented responses in order to continue to serve their communities. Supporting economic opportunity, stable housing, and mental health treatment will be challenging in this new environment but has never been more urgently needed. If opioid settlement funds are targeted to US hospitals, they should be held accountable for where funds are spent because they have a unique opportunity to focus on primary prevention in their communities—confronting OUD before it begins. However, if hospitals use opioid settlement funding only to continue to provide services already offered, or fail to make bold investments in their communities, this public health crisis will continue to strain the resources of those providing clinical care on the front lines.

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