Street Prices of Prescription Opioids Diverted to the Illicit Market

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Introduction

• Prescription opioid abuse and diversion have become major public health problems in recent years, contributing to a wide range of health, social and economic consequences among affected populations.

• Within this context, there is an ongoing need to identify and examine new, proactive indicators to better characterize the prescription opioid abuse and diversion problem.

• In this regard, we implemented a national street price surveillance program with law enforcement investigators.

• Monitoring trends in street prices for prescription opioids may provide an indicator of drug availability, demand, and abuse potential within targeted geographic areas.

Methods

Aim: To examine street prices of diverted prescription opioids using surveillance data from a nationwide network of law enforcement officers, collected as part of the RADARS® (Research-related Abuse, Diversion and Addiction-Related Surveillance) System.

Observations across 7 quarters indicate that price data are generally consistent, and suggest that reliable street price estimates can be achieved using a nationwide network of law enforcement officers.

Using longitudinal data, it is possible to monitor price changes in response to the introduction of tamper deterrent formulations. This may provide useful evidence in evaluating the success of TDFs in reducing abuse.

Results

• Our analyses yielded substantial differences in street price by opioid class. Higher street values appear to reflect greater desirability/demand among abuser populations, as well as issues of supply and availability.

• The lower prescribing of buprenorphine, hydromorphone, and oxymorphone products, relative to hydrocodone and oxycodone, suggest reduced availability for diversion to the illicit market, which may impact the street value of these products. Street value also appears to be impacted by demand for higher potency opioids.

• Within class, immediate release opioids may carry higher street values than the extended release counterparts. Ease of abuse may be one factor in this regard.

• The newly reformulated OxyContin®, a tamper-deterrent formulation, carries a lower street value than its predecessor.

Discussion

• Street price data were obtained from 687 questionnaires collected during Analyses:

• The newly reformulated OxyContin®, a tamper-deterrent formulation, carries a lower street value than its predecessor.

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Conclusion

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