

TITLE: *Incidence and Cost of Neonatal Abstinence Syndrome in NorthCentral Florida following the Increased Awareness of Opioid Dependence and the Utilization of the Florida Prescription Drug Monitoring Program: A follow up study.*

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RESEARCH PROJECT DESCRIPTION

Neonatal Abstinence Syndrome (NAS) is associated with maternal opioid use in pregnancy. Due to the opioid epidemic in the US, thousands of infants delivered each year are diagnosed with NAS and subsequently require admission to the NICU for management of symptoms and tapering off of opioids. We published a study in 2015 in the Journal of Addiction Medicine illustrating the costs associated with NAS in Shands hospital. The published data included births from 2009-2011. I would like to do a follow up study, retrospective chart review, including births from 2012-2015 to observe whether the incidence has changed following the utilization of the Florida Prescription Drug Monitoring Program.

The student's role will include: 1)reapplying for the IRB, we will use a similar IRB to the one used for the prior study; 2)collection of data of opioid exposed neonates at Shands/UF Health from 2012-2015; 3)co-authoring a journal article for submission.

The student will have to complete all IRB related training prior to start of data collection and submission of the IRB.

Ref:

Opioid Use in Pregnant Women and the Increase in Neonatal Abstinence Syndrome: What Is the Cost?

Kay Roussos-Ross, MD, Gary Reisfield, MD, Iain Elliot, BS, Susan Dalton, BS, and Mark Gold, MD *J Addict Med* _ Volume 9, Number 3, May/June 2015