Liquid Nicotine Used in e-Cigarettes Still A Danger To Children **Despite Recent Decline In Exposures**

Experts urge further regulation of liquid nicotine to help keep children safe

Nationwide Children's Hospital

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NEWS PACKAGE	
SUGGESTED TEASE ANCHOR LEAD	DESPITE LEGISLATION THAT WENT INTO EFFECT IN 2016 TO PROTECT CHILDREN FROM LIQUID NICOTINE, A NEW STUDY SHOWS THAT TOO MANY CHILDREN ARE STILL BEING EXPOSED TO THIS HIGHLY POISONOUS E-CIGARETTE PRODUCT. THE ADDITIONAL REGULATIONS RESEARCHERS ARE URGING THE F-D-A TO MAKE, NEXT IN HEALTH NEWS.
(DACKACE START)	AS E-CIGARETTES GAINED POPULARITY, THERE WAS A SHARP RISE IN THE NUMBER OF YOUNG CHILDREN EXPOSED TO POISONOUS LIQUID NICOTINE. FEDERAL LAWMAKERS RESPONDED WITH A LAW THAT REQUIRED LIQUID NICOTINE CONTAINERS TO BE CHILD-RESISTANT. HOWEVER, A NEW STUDY SHOWS THE LAW IS JUST NOT ENOUGH. BARB CONSIGLIO HAS MORE.
(PACKAGE START) CG: Courtesy: Nationwide Children's Hospital :00 - :03 Shots of call center (FILE)	(Nats - Call coming in to poison control center) :02 IN POISON CENTERS LIKE THIS, DAILY CALLS CONTINUE TO DEMONSTRATE THE DANGERS OF
Shots of opening liquid nicotine bottle	LIQUID NICOTINE AND E-CIGARETTES FOR YOUNG CHILDREN. :08
CG: Gary Smith, MD, DrPH Nationwide Children's Hospital	"From January 2012 to April 2017, there were more than 8,200 calls to U.S. Poison Control Centers about children younger than age six who had been exposed to liquid nicotine. That's four children a day.":17
Shot of Dr. Smith at his desk (FILE) Graphic Liquid Nicotine Exposure 90% of children exposed by swallowing	DOCTOR GARY SMITH'S TEAM AT NATIONWIDE CHILDREN'S HOSPITAL FOUND THAT MORE THAN 90 PERCENT OF CHILDREN ARE EXPOSED TO LIQUID NICOTINE BY SWALLOWING IT. ¹ THIS CAN RESULT IN SERIOUS OUTCOMES. :11
	"When the serious clinical effects occurred, they include

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Gary Smith, MD, DrPH (CG'd earlier)

Shots of adult opening bottle and filling e-cigarette

Shot of dripping liquid in e-cig (blur for graphic):

(Arrow down) Nearly 20% decrease in monthly exposures

Gary Smith, MD, DrPH (CG'd earlier)

Shots of baby aspirin with flow restrictor

Shots of liquid nicotine bottles and e-cigarette

Gary Smith, MD, DrPH (CG'd earlier)

Shots of adult using an e-cigarette

(PACKAGE END) -----

ANCHOR TAG

things like coma, seizures, some children stopped breathing and there was even one death" :08

THE CHILD NICOTINE POISONING PREVENTION ACT THAT WENT INTO EFFECT IN JULY 2016 MAY HAVE HELPED.

IN THE NINE MONTHS THAT FOLLOWED, THERE WAS A NEARLY 20 PERCENT DECREASE IN THE MONTHLY NUMBER OF EXPOSURES - BUT EXPERTS ARE CALLING FOR MORE TO BE DONE. :15

"Additional regulation of this product is needed. Children are still being exposed far too often." :07

SMITH SAYS REGULATIONS SHOULD INCLUDE ADDING FLOW RESTRICTORS TO LIQUID NICOTINE REFILL BOTTLES AND CHILD-RESISTANT CHAMBERS TO E-CIGARETTES. HE'S ALSO URGING THE F-D-A TO LIMIT THE VOLUME AND CONCENTRATION OF LIQUID NICOTINE IN REFILL CONTAINERS TO A SUB-LETHAL DOSE AND TO PROHIBIT FLAVORS AND ATTRACTIVE LABELING FOR LIQUID NICOTINE, AS WAS DONE FOR CIGARETTES. :21

"Liquid nicotine is highly toxic and in very small amounts can cause serious health effects, including even death." :06

AT NATIONWIDE CHILDREN'S HOSPITAL, THIS IS BARB CONSIGLIO REPORTING. :03

IF YOU'RE A PARENT OR CHILD CAREGIVER WHO USES LIQUID NICOTINE AND E-CIGARETTES, ALWAYS STORE THEM OUT OF SIGHT AND REACH OF YOUNG CHILDREN LIKE YOU WOULD FOR OTHER POISONS – IN A LOCKED LOCATION IS BEST.

SOCIAL MEDIA

Share it! Suggested tweet:

Despite legislation that went into effect in 2016 to protect children from liquid nicotine exposure, a new study from <u>@NationwideKids</u> shows too many children are still being exposed. http://bit.ly/2H8j4K2

Suggested post:

Despite a federal law to protect children, researchers at Nationwide Children's Hospital say 4 children per day are exposed to liquid nicotine. Experts are calling for additional regulation of liquid nicotine and e-cigarette products to help keep kids safer. http://bit.ly/2H8j4K2

EXTRA BITES

Dr. Smith talking about the purpose of the study:

"The main purpose of this study was to evaluate the effect of the federal law the requires that liquid nicotine containers be child-resistant. And what we found is looking at a period before and after the federal law went into effect - there was a decrease in the number of exposures."

CG: Gary Smith, MD, DrPH Nationwide Children's Hospital

Dr. Smith talking about the importance of adding flow restrictors:

"Flow restrictors, similar to what is used on a number of child fever medications, should be added to liquid nicotine containers. This will make it harder for children to empty the contents of those bottles."

Dr. Smith talking about the importance of changing the packaging for liquid nicotine:

"The FDA should prohibit the use of flavors and attractive labels on liquid nicotine containers. That will make them less appealing to young children."

References

¹E-Cigarette and Liquid Nicotine Exposure among Young Children Pediatrics, Volume 141, Issue 5, April 23, 2018.

For viewer information on this story contact:

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