

Upcoming Speakers

8/16 - Mr. Billy Harper, CEO & President - Harper Industries, Topic: Work Ready - Are You Sure?

8/23 - Ms. Nancy Hale, CEO - Operation Unite, Topic: Catching, Hopping and Moving Toward Drug Prevention

8/30 - Mr. Will Black, Assistant Superintendent - Paducah Independent Schools, Topic: Research Based Drug Prevention in Public Schools

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The Rotary Club of Paducah



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The Opioid Epidemic: Neonatal Addiction

August 9, 2017

Speaker: Dr. Ed O'Neill, Neonatologist at Baptist

Health Paducah. Dr. O'Neill was introduced by Rotarian Dr. Patrick Withrow

Topic: Neonatal Exposure to Opiates and its Impact

Top Ten Takeaways for Rotarians:



-Dr. O'Neill began by explaining the complications doctors face when treating narcotic addiction among newborns. Mothers usually cannot be weaned from opioid use during pregnancy because of the likelihood of negative side effects to the baby, he said. "It can take up to three

months to wean a baby off opioid once its born," he added. A brief video was shown of an addicted baby suffering from withdrawal symptoms.

-Dr. O'Neill explained Neonatal Abstinence Syndrome (NAS) as a withdrawal symptom that occurs in newborns after birth. He said NAS is typically associated with opioid use during pregnancy and occurs in greater than 50% of infants exposed to the drugs before birth.

-A National Survey on Drug Use and Health found "a significant increase in heroin initiation, use and dependence in women" between 1992 and 2012. The proportion of pregnant women in treatment for opioids increased from 1% to 19% in that time period.

-A report in the Journal of the American Medical Association tracked the increase of NAS nationally, and in Kentucky, between the years 2000 and 2012. Nationally, reported cases of NAS per 1,000 hospital births rose from 1.2% to 5.8% in that time period. In Kentucky, the number went from .5% in 2000 to 11.3% in 2012. Another study indicates a 27-fold increase in NAS hospitalizations in Kentucky from 2001 to 2015.

-Dr. O'Neill presented a list of 10 factors or indicators that result in pregnant women being tested for drug use. Past drug use or positive drug screens, limited prenatal care, STD positive, unusual behavior noted by staff, and past pregnancy histories are some of the factors leading to drug testing.

-A report by the University of Louisville Pediatrics Department developed a profile of women in rural Kentucky whose babies are most likely to have NAS. The women are typically white, high school educated, a Medicaid recipient, and are cigarette smokers.

-Dr. O'Neill listed the most commonly-abused drugs by mothers that lead to problems for

Nancy Drugs

Scott Taylor
Shawn Turner

Birthdays

Steven A. Powless
August 11
Lance Allison
August 14
Bill Glenn Holsapple
August 15
Kevin Peck
August 15
James Patrick Mobley
August 16
Terrance Adams
August 17
Frank Shelton
August 23
Lisa Long
August 24
Matthew N. Cherry
August 27
Carolyn T. Roberts
August 31
Jane N. Martin
September 02
L. V. McGinty Jr.
September 04
Lorraine Schramke
September 07
Eileen Duobinis-Gray
September 07

their newborn children: Opioids such as Lortab, methadone, OxyContin, Tylenol with codeine, etc.); CNS stimulants such as meth, cocaine, PCP, etc.); CNS depressants such as alcohol, barbiturates, and marijuana; sedatives; hallucinogens; inhalants; nitrites; and nitrous oxide.

-Treatment options become complicated because of considerations for both the mother and the unborn child. Abstinence, he said, is usually not effective as it is often a barrier to a mother even seeking treatment. Medical treatment usually consists of replacement and maintenance of the drugs on a controlled and supervised regimen of such drugs as methadone, morphine and buprenorphine.

-Babies with NAS will typically show signs through high-pitched crying, hyperactive reflexes and jitteriness, tremors or seizures, plus several other related symptoms. Other symptoms may include gastrointestinal and respiratory symptoms.

-Doctors use a scoring system of symptoms to determine whether a non-pharmacologic or pharmacologic approach is needed to treat the babies. Doctors then watch for post-natal effects of treatment to determine the course of the babies' brain development and social/emotional development.

Announcements

August 9, 2017

-President Melanie announced to the club a fundraising opportunity presented to the club by the City of Paducah. During the new fall AQS Quilt Show in Paducah September 13-16, the City has offered Rotary the opportunity to park cars in a lot it owns near Shultz Park at the riverfront. Rotary will staff the car parking duties and all parking fees collected will go to the Rotary Club for service projects. The lot is located behind the floodwall at the Harrison Street entrance, and is a short walk to the Schroeder Convention Center. At a called meeting of the Rotary Board of Directors, the Board voted to accept the fundraising opportunity. VOLUNTEERS ARE NEEDED to serve on the committee to organize the project. Sign-up sheets to work the project will be available soon. For more information, contact President Melanie.

-Rotarian Jamie Futrell gave the club an attendance report for July. July's attendance averaged 48% with only 32 members having perfect attendance. Rotarian Terry Reeves' name was drawn from the perfect attendance list to receive four free tickets to Holiday World Theme Park, donated by Bristol Broadcasting.

Guests

August 9, 2017

Shelly Baer an Kevin Baer – guests of Ken Schuppert
Betty Schuppert – guest of Ken Schuppert
Sharon Freyer and Dr. Brad Housman – guests of Bonnie Schrock
Melanie Swager, Raquel Ziegler, Stephanie Groth and Riley Sturzbecker – guests of Mike Muscarella
Dr. Brian Barsanti – visiting Rotarian from the Rotary Club of Mobile, Alabama