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REPORT

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“INCREASINGLY COMMON I-V-F PROCEDURE DOESN'T IMPROVE PREGNANCY OUTCOMES”

TEASE RUNS: 04 (ICSI procedure under microscope)

The benefits and drawbacks of an increasingly common I-V-F procedure... that's next.

JAMA 3965

TRT: 2:05

EMBARGO: 11a.m. (ET) Tuesday, January 20, 2015

INTRO: Couples dealing with infertility often use in vitro fertilization, or I-V-F, to help them get pregnant. In conventional I-V-F, fertilization of an egg occurs naturally but outside the body. Another type of I-V-F procedure is used when the egg can't be fertilized that way, usually because of male infertility problems. A new study examined when, why and how often this alternative procedure was used compared with conventional I-V-F. Catherine Dolf explains in this week's JAMA Report.

VIDEO	AUDIO
B-ROLL Pictures of Luca and the family in hospital after he was born	BABY LUKA ARRIVED SAFELY IN THIS WORLD AFTER REGINA AZUCKI (Ah-ZUT-ski) AND HER HUSBAND UNDERWENT SEVERAL ROUNDS OF IN VITRO FERTILIZATION OR I-V-F.
SOT/FULL Regina Azucki - IVF Patient Super@:07 Runs:08	“We tried for gosh, probably a year and then my son is two and a half now, so it's just been amazing.”

B-ROLL Graphic with sperm on side and words INTRACYTOPLASMIC SPERM INJECTION	ONE TYPE OF I-V-F INCREASINGLY BEING USED IS CALLED INTRA-CYTO-PLASMIC SPERM INJECTION OR ICSI (Ick-See).
SOT/FULL Sheree L. Boulet, Dr.P.H., M.P.H - Centers for Disease Control and Prevention Super@:21 Runs:12 (Video covering 2 nd half of bite: ICSI procedure under microscope)	“ICSI is a type of in vitro fertilization where a single sperm is injected into an egg. Whereas for conventional IVF the sperm is penetrating the egg on its own.”
B-ROLL ICSI procedure under the microscope	ICK-SEE IS MOSTLY RECOMMENDED WHEN THERE ARE PROBLEMS WITH THE MAN'S SPERM OR WHAT'S CALLED MALE FACTOR INFERTILITY.
SOT/FULL Akanksha Mehta, M.D., - Emory University School of Medicine Super@:38 Runs:06	“ICSI has really revolutionized the treatment of our male factor infertility patients.”
B-ROLL Dr. Mehta and Dr. Boulet walking down hallway, looking through microscope, ICSI procedure, doctors sitting at table, sperm under microscope	DR. AKANKSHA (Ah-KANK-shah) MEHTA (Meh-Tah) FROM EMORY UNIVERSITY SCHOOL OF MEDICINE AND DR. SHEREE (Sherry) BOULET (Boo-Lay) FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION AND CO-AUTHORS EXAMINED ICSI (ICK-See) PROCEDURES THAT USED ONLY FRESH EMBRYOS, NOT FROZEN, FROM 1996 THROUGH 2012. THEY COMPARED ICSI (ICK-See) OUTCOMES FROM THE FIVE MOST RECENT YEARS TO CONVENTIONAL I-V-F PROCEDURES. THEY ALSO LOOKED AT WHETHER OR NOT MALE INFERTILITY WAS PRESENT IN THESE CASES.
SOT/FULL Akanksha Mehta, M.D., - Emory University School of Medicine Super@1:05 Runs:14	“The use of ICSI has doubled since it was first introduced and the increase has been largely among cases where male factor infertility is absent.”
GXF FULL JAMA COVER	THE STUDY APPEARS IN JAMA, JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION.
SOT/FULL Sheree L. Boulet, Dr.P.H., M.P.H - Centers for Disease Control and Prevention	“Those cycles saw a four-fold increase in the use of ICSI over the study period. The use of ICSI did not improve reproductive outcomes such as pregnancy and live birth rates when compared with

Super@1:23 Runs:18 (Video covering middle of bite: Dr. Boulet and Dr. Mehta in lab looking at microscope, pan to Dr. Boulet)	conventional IVF, regardless of whether or not there was a diagnosis of male factor infertility.”
SOT/FULL Akanksha Mehta, M.D., - Emory University School of Medicine Super@1:41 Runs:13	“The benefit of this technology still remains very much only in cases where severe male factor infertility is present that would prevent natural fertilization from taking place.”
B-ROLL Various pictures of Luka with his family	DESPITE THE CHALLENGES, LUKA’S PARENTS ALWAYS STAYED POSITIVE DURING THE LONG WAIT FOR HIS ARRIVAL.
SOT/FULL Regina Azucki - IVF Patient Super@1:59 Runs:05 (Video covering 2nd part of bite: Pic of the entire family)	“He just makes me so happy and he’s just brought so much to our lives and so much joy.”
B-ROLL Pic of baby Luka	CATHERINE DOLF, THE JAMA REPORT.

TAG: ICSI (ICK-See) IS MORE EXPENSIVE THAN CONVENTIONAL I-V-F AND PREGNANCIES RESULTING FROM ICK-SEE HAVE BEEN ASSOCIATED WITH INCREASED RISK OF BIRTH DEFECTS, CHROMOSOMAL ABNORMALITIES AND AUTISM.

Please see the complete study for additional information, including other authors, author contributions and affiliations, financial disclosures, funding and support, etc.

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ADDITIONAL SOUNDBITES:

Akanksha Mehta, M.D., - Emory University School of Medicine

QUOTE 1 Runs:11

“There is really no additional benefit of this technology weighed against the increased cost of its use as well as the potential risks of its use.”

Sheree L. Boulet, Dr.P.H., M.P.H - Centers for Disease Control and Prevention

QUOTE 1 Runs:16

“ICSI use doubled over the study period so in 1996 it was about 36 percent of cycles used ICSI and in 2012 approximately 76 percent of cycles used ICSI.”