**REPORT**

###### Tuesday, February 21, 2017

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**“The Effects of Testosterone Gel on Health Outcomes”**

**TEASE RUNS: 6 seconds**

**Can testosterone gel improve the health of older men with low testosterone levels? That’s next.**

**JAMA 4057**

**TRT: 1:28**

**Tuesday, February 21, 2017, 11 AM ET**

**INTRO: Can testosterone gel improve memory, correct anemia, increase bone density or prevent the growth of coronary artery plaque in older men with low testosterone levels? Four new studies in JAMA and JAMA Internal Medicine found improvement in some of these measures. Laura Berger has more in this week’s JAMA Report.**

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| **B-ROLL:**  **Men working out on a track, and stretching, Close-up of testosterone gel, walking on track** | **LOW TESTOSTERONE LEVELS ARE COMMON IN OLDER MEN. FOUR NEW STUDIES IN JAMA AND JAMA INTERNAL MEDICINE LOOKED AT WHETHER USING A TESTOSTERONE GEL COULD AFFECT CERTAIN HEALTH OUTCOMES.** |
| **SOT/FULL**  **Peter Snyder, MD, Professor of Medicine, University of Pennsylvania**  **Super@: 12**  **Runs: 19** | **“We selected men over 65 who had low testosterone levels. We treated them with either testosterone or placebo for one year. We studied their blood counts, their bone density, the amount of plaque in their coronary arteries, and their memory.”** |
| **B-ROLL:**  **Dr. Snyder walking down the hall, on the phone, working on computer, Testosterone gel bottle, doctor with gel and patient, men stretching at gym, man on computer, picture of artery, bottle of testosterone gel** | **THE WORK BY DR. PETER SNYDER OF THE UNIVERSITY OF PENNSYLVANIA AND HIS CO-AUTHORS WAS PART OF A GROUP OF COORDINATED TRIALS ON THE EFFECTS OF TESTOSTERONE GEL IN OLDER MEN WITH LOW TESTOSTERONE LEVELS.**  **RESEARCHERS FOUND THE TESTOSTERONE GEL CORRECTED ANEMIA AND INCREASED BONE DENSITY MORE THAN PLACEBO, BUT IT DID NOT IMPROVE MEMORY AND IT INCREASED THE AMOUNT OF CORONARY ARTERY PLAQUE.**  **DR. SNYDER SAYS THAT THE INCREASE IN THE AMOUNT OF CORONARY ARTERY PLAQUE COULD BE AN EARLY SIGN OF INCREASED RISK OF HEART PROBLEMS. AND THE STUDIES DID NOT LOOK AT PROSTATE CANCER, WHICH CAN GROW IN RESPONSE TO TESTOSTERONE.** |
| **SOT/FULL**  **Peter Snyder, MD, Professor of Medicine, University of Pennsylvania**  **Super@: 1:04**  **Runs:17** | **“The next step is to conduct a much larger and longer trial say of 5,000 men for 5 years to determine if testosterone increases the risk of heart attack or increases the risk of prostate cancer. Or if it reduces the risk of bone fracture.”** |
| **B-ROLL: men walking on a track** | **LAURA BERGER, THE JAMA REPORT** |

**TAG: THE TESTOSTERONE TRIALS WERE CONDUCTED FROM 2010 TO 2014.**

**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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