**CSU and UC-Health Agreement**

**SUGGESTED ANCHOR INTRO:**

PATIENTS NEEDING SURGERY OR OTHER MEDICAL TREATMENT WILL BENEFIT FROM A NEW PARTNERSHIP IN NORTHERN COLORADO THAT FORMALLY TEAMS PHYSICIANS WITH RESEARCHERS TO MAKE ADVANCES IN MEDICINE.

**GRAPHICS:**

(00:11) Dr. Julie Dunn, M.D./Physician – Medical Center of the Rockies

(00:19-:24) Medical Center of the Rockies/Loveland, Colorado

(00:54-:58) Dr. Melissa Reynolds, Ph.D./Colorado State University

(1:55-:59) Dr. Gary Luckasen, M.D./University of Colorado Health

(2:08-:17) Mike Hooker/Reporting

**PKG SCRIPT (TRT 2:17)**

THIS MESH PATCH HELPS HERNIA PATIENTS HEAL, AND THE BLUE YOU SEE COULD HELP PREVENT THE BIG PROBLEM OF INFECTION.

(Dr. Julie Dunn, M.D./Physician – Medical Center of the Rockies)

14;00 “it requires antibiotic, long term antibiotics, complications of antibiotics. Oftentimes these meshes have to be removed.”

SO THIS PHYSICIAN AT MEDICAL CENTER OF THE ROCKIES IS WORKING WITH A PROFESSOR IN CHEMISTRY AND BIOMEDICAL ENGINEERING AT COLORADO STATE UNIVERSITY – COMBINING THEIR TEAM’S SKILLS AND KNOWLEDGE TO PERFECT THE HERNIA PATCH BY COATING IT WITH NITRIC OXIDE TO PREVENT INFECTION AND ENCOURAGE HEA LING.

 (Nats - 35:14 I need the nitrogen that will chelate. I need the chelation effect)

THE CHEMISTRY IS CHALLENGING, IT’S AN EXAMPLE OF WHY A TOP RESEARCH UNIVERSITY AND A PREMIER MEDICAL SYSTEM ARE NOW FORMALLY TEAMING UP WITH A NEW MEMORANDUM OF UNDERSTANDING.

(Dr. Julie Dunn, M.D./Physician – Medical Center of the Rockies)

“We as clinicians see a lot of problems but don’t have the technical expertise to solve these problems.”

(Dr. Melissa Reynolds, Ph.D./Colorado State University)

“By closing that gap between basic fundamental research and basically boots on the ground in terms of clinical operations I think we actually move the healthcare industry forward.”

ANOTHER EXAMPLE: A NEW ARTERIAL STENT.

(Nats: We are doing a surface modification, so we don’t have to worry about the thickness of the coating.)

CSU AND UNIVERSITY OF COLORADO HEALTH ARE WORKING TOGETHER TO IMPROVE STENTS SO THEY’RE NOT REJECTED OR CLOGGED AS THEY OPEN UP A HEART PATIENT’S ARTERY TO KEEP BLOOD FLOWING.

(Dr. Gary Luckasen, M.D./University of Colorado Health)

“Combining those resources is a wonderful boon for all of us.”

LEADERS WHO’VE GUIDED THE NEW AGREEMENT SAY COLORADO STATE UNIVERSITY HAS THE LAB EXPERTISE AND UC-HEALTH HAS TOP PHYSICIANS WITH REAL PATIENTS WHO NEED MEDICAL DEVICES LIKE STENTS AND PATCHES TO WORK.

(Dr. Gary Luckasen, M.D./University of Colorado Health)

“For us allows us to add that extra ingredient for patient care and that is research that is state of the art, up to date and is something that is something that has impact on how we care for our patients .”

(Dr. Melissa Reynolds, Ph.D./Colorado State University)

“We get to learn first-hand whether or not these will improve their patient care. So it becomes more than a theoretical exercise by understanding how we might actually improve the care that they give their patients.”

AFTER WORKING TOGETHER FOR YEARS, THE GOAL IS FOR THE NEW FORMAL AGREEMENT TO LEAD TO MORE MEDICAL ADVANCES TO HELP PATIENTS RECOVER AND THRIVE.

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