

NK3-8 ASCENT EDUCATION –Slides related to Protection of Human Subject in Research

## Rock, Paper, Scissors: Making an Ethical Decision

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With thanks to Kate McCord  
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Centura Health.

### **Medical Research**

- Nuremberg Doctors Trial (1946)
- Willowbrook State School hepatitis 1950s
- Thalidomide Tragedy (1958-1965)
- Jewish Chronic Disease study 1960's
- Tuskegee Syphilis Study Expose (1930-1971)
- The Helsinki Act (1973)
- MKUltra (1950s-1973)
- Belmont Report (1979)

#### **2 Neurosurgeons Get Research Limitations**

September 2012, Colorado Springs Gazette

Sacramento, California: A neurosurgeon at the University of California at Davis was banned from performing medical research on humans after he and a colleague were accused of experimenting on brain cancer patients without university permission.

Dr. J Paul Muizelaar, who earns more than \$800,000 a year as chairman of the university's department of neurological surgery, was ordered last fall to "immediately cease and desist" from any research involving human subjects, according to documents obtained by The Sacramento Bee.

Also banned was Dr. Rudolph J. Schrot, as assistant professor and neurosurgeon who has worked under Muizelaar the past 13 years.

Documents show that the surgeons got the consent of three terminally ill patients with malignant brain tumors to introduce bacteria into their open head wounds, under the theory that post-operative infections might prolong their lives. Two of the patients developed sepsis and died, the university later determined.

"UC Davis is a very respectable school. But even the best paces have trouble", said Patricia Backlar an Oregon bioethicist who served on President Bill Clinton's national bioethics advisory commission. "These men have put that school in jeopardy."