

Collection: 025003; Video Rate:25 fps; Master Digital Formats: 1920 x 1080 Uncompressed 10-bit 4:2:2. Prores(HQ); Acquisition Format: TIFF seq

025003-VC07C002: A549: Human lung carcinoma cells. Treated with Chemo therapy drug: Cisplatin. Cells are unhappy, Å with a lot of blebbing around their margins, a sure sign that the cells are feeling the drug. Some cells round up violently and die. Cisplatin is triggering apoptosis of the cell by binding to the DNA and inhibiting normal cell division. X60 Differential Interference Contrast Microscopy (DIC) A549 Cisplatin 20uM. Cisplatin - commonly used chemotherapy agent which cross-links DNA preventing cell division and inducing apoptosis. Filmed in Collaboration with the Department of Oncology at the University of Oxford.

025003-VC07C004_S1: A549: Human lung carcinoma cells. Treated with Chemo therapy drug: Cisplatin. Cells look normal for a while and then rapidly round up with violent blebbing and die. X40Phase Contrast Microscopy. A549 Cells Cisplatin. Cisplatin - commonly used chemotherapy agent which cross-links DNA preventing cell division and inducing apoptosis

025003-VC07C005_S1: SKOV3: human ovarian carcinoma Treated with Chemo therapy drug: Cisplatin. Cells look normal at first but then their movement slows down and they gradually round up before dying. Cisplatin is triggering apoptosis of the cell by binding to the DNA and inhibiting normal cell division. X40Phase Contrast Microscopy SKOV3 cells Cisplatin. Cisplatin - commonly used chemotherapy agent which cross-links DNA preventing cell division and inducing apoptosis. 025003-VC07C005 accelerated by 400%. Filmed in Collaboration with the Department of Oncology at the University of Oxford.

025003-VC07C007_S1: SKOV3: human ovarian carcinoma mixed with Human lung Carcinoma cells and treated with Chemo therapy drug: Cisplatin. Cells look normal at first but then they rapidly round up before dying. Cisplatin is triggering apoptosis of the cell by binding to the DNA and inhibiting normal cell division. X20 Differential Interference Contrast Microscopy (DIC) SKOV3 cells + A549 cells (1:1) Cisplatin Mixed sensitivity cells. Cisplatin - commonly used chemotherapy agent which cross-links DNA preventing cell division and inducing apoptosis. VC07C007 accelerated 400%. Filmed in Collaboration with the Department of Oncology at the University of Oxford.