Feline Neoplasm? Consider Myxoma

Oncolytic virotherapy, an alternative to traditional chemotherapy, involves the use of a nonpathogenic virus with selective tropism for a tumor and enhances antitumor immune responses and/or directly causes cell death. Experimental evidence has shown partial efficacy of recombinant vaccinia virus and canary pox virus for feline sarcoma treatment. However, use of these viruses is limited. Myxoma virus, a rabbit-specific pathogen, was shown to cause apoptosis (ie, cell death) within 48 hours of infection of 2 different feline carcinoma cell lines. In addition, evidence of spread from infected feline carcinoma cells to neighboring uninfected cells in culture was found. Myxoma virus may be a viable oncolytic virotherapy for feline neoplasms; future studies are warranted.

**Source**

**For More**
See Feline Injection-Site Sarcoma by Dr. Sandra Axiak at cliniciansbrief.com/feline-injection-site-sarcoma