

## **Vaccine Fact Sheet**

By Douglas Knueven, DVM

### **Vaccination Concerns**

Feline vaccine sarcoma (aggressive cancer linked to vaccines)

3-20 cases per 100,000 vaccines *JAVMA 220:1477;2002*

Increased risk per vaccine

Vaccinated dogs two times more likely to develop IHA (Immune-mediated Hemolytic Anemia)

*J Vet Intern Med 10:290, 1996*

Vaccine-associated illness of Weimaraners "Everywhere-itis" frequently fatal

*Vaccines and Emerging Diseases (Conference Notes) Dr. Guillermo Couto, 2004*

Vaccine hypersensitivity reactions

### **Vaccine Research**

AVMA Council on Biologic and Therapeutic Agents two-year study

"The one-year revaccination frequency recommendation is based on historic precedent and USDA regulation, not scientific data." *JAVMA, June 1, 2001*

"In most dogs[>98%], vaccination induced a response that lasted up to and beyond 48 months for all five antigens." (CDV, CAV-1, CAV-2, CPIV, CPV)

*Duration of serologic response to five viral antigens in dogs, JAVMA, Jan 1, 2004*

"In most cats[>97%], vaccination induced a response that lasted up to and beyond 48 months for all 3 antigens." (FPV, FCV, FHV)

*Duration of serologic response to three viral antigens in cats, JAVMA, Jan 1, 2004*

### **AAHA Canine Vaccine Task Force 2003 Guidelines**

- Core -- CDV, CPV, CAV-2, Rabies
- following the initial series, "revaccination every 3 years is considered protective"
- Non-core -- D-MV, CPIV, Lepto, Bord, Borrelia
- Not Generally Recommended -- Giardia, Corona, CAV-1

### **Dr. Doug's Vaccine Recommendations**

1. Rabies by Law -- 1yr/3yr
2. Vaccinate Healthy Pet Only
3. Separate/Rotate Vaccines
4. Distemper-Combo Every Three Years
5. Consider Titers
6. Leptospirosis/Corona/Lyme/Kennel Cough???
7. Chlamydia/FIP/FelV/FIV/Ring Worm???