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Cancer in Dogs and Cats: Medical and Surgical Management

Joanne Graham
Iowa State University

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This hard cover textbook contains clinically useful information regarding the biologic behavior, diagnosis, and treatment of cancer in small animals. Veterinary students and small animal practitioners will find it an extremely useful reference.

The book is divided into 4 major sections including: the biology of cancer, principles of cancer diagnosis, treatment modalities for dogs and cats with cancer, and clinical signs, diagnosis, and treatment of specific cancers in dogs and cats. The biology of cancer section includes molecular biology terminology and events relative to cancer. Diagnostic techniques used to obtain samples are described in the section on principles of cancer diagnosis. This section also contains an excellent chapter on cytology that features 29 high quality color figures. The treatment modality section is lengthy and includes information on immunotherapy, photodynamic therapy, and nutritional needs of the cancer patient in addition to a discussion of more traditional modalities (surgery, chemotherapy, etc.). Specific types of cancer and their treatment are covered in the final section.

Overall the book is comprehensive and well written. Occasionally, a specific topic or tumor type is difficult to locate in the text. For example, the tumor, thymoma, is not listed in the index. Rather, the reader must know to browse through the chapter on non-pulmonary intrathoracic cancer to find information on this tumor type. While most often intuitive, this process is sometimes tedious. However, in total the book is a superb contribution to the veterinary literature regarding cancer in small animals.

Dr. Joanne Graham is an assistant professor in the Department of Veterinary Clinical Sciences specializing in oncology at the Iowa State University College of Veterinary Medicine.

Oral squamous cell carcinoma of the maxilla.

Leimyosarcoma of the spleen of a dog.

Cancer in Dogs and Cats: Medical and Surgical Management
By Wallace B. Morrison
Williams & Wilkins
Baltimore, MD 1998