

References

- Bateman, K.E.; Catton, P.A.; Pennock, P.W.; Kruth, S.A. (1994) 0-7-21 radiation therapy for the treatment of canine oral melanoma. *Journal of Veterinary Internal Medicine* 8, 267–272
- Beadling, C., Jacobson-Dunlop, E., Hodi, F.S., Le, C., Warrick, A., Patterson, *et al.* (2008). KIT gene mutations and copy number in melanoma subtypes. *Clinical Cancer Research* 14, 6821-6828
- Bergin I.L., Smedley R.C., Esplin D.G., Spangler W.L., Kiupel M. (2010) Prognostic Evaluation of Ki67 Threshold Value in Canine Oral Melanoma *Veterinary Pathology* 48, 41 – 53
- Bergman P.J. (2007) Canine oral melanoma. *Clinical Techniques in Small Animal Practice* 22, 55–60
- Bergman P.J., J. McKnight, A. Novosad, S. Charney, J. Farrelly, D. Craft, *et al.* (2003) Long-term survival of dogs with advanced malignant melanoma after DNA vaccination with xenogeneic human tyrosinase: a phase I trial *Clinical Cancer Research* 9, 1284-1290
- Bergman, P.J., Kent, M.S. and Farese, J.P. (2013) Melanoma. In: Small Animal Clinical Oncology. 5th edn. Eds. S.J. Withrow, D.M. Vail and R.L. Elsevier Saunders, Missouri. pp 321-334
- Blackwood L., Dobson J.M., (1996) Radiotherapy of oral malignant melanomas in dogs. *Journal of the American Veterinary Medical Association* 209, 198-102
- Boston, S.E.; Lu, X.; Culp, W.T.N.; Montinaro, V.; Romanelli, G.; Dudley, R.M.; Liptak, J.M.; Mestrinho, L.A.; Buracco, P. (2014) Efficacy of systemic adjuvant therapies administered to dogs after excision of oral malignant melanomas: 151 cases (2001–2012). *Journal of the American Veterinary Medical Association* 245, 401–407
- Bostock, D.E., (1979). Prognosis after surgical excision of canine melanomas. *Veterinary Pathology* 16, 32-40
- Brozyna A. Zbytek B. , Granese J. C. Andrew J., Jeffrey R., Slominski A. (2007) Mechanism of UV-related carcinogenesis and its contribution to nevi/melanoma Expert Review of Dermatology 2, 451–469
- Chu, P.Y., Pan, S.L., Liu, C.H., Lee, J., Yeh, L.S. and Liao, A.T., (2013). KIT gene exon 11 mutations in canine malignant melanoma. *The Veterinary Journal* 196, 226-230
- Curtin JA, Busam K, Pinkel D, Bastian BC. (2006) Somatic activation of KIT in distinct subtypes of melanoma. *Journal of Clinical Oncology* 24, 4340-4346
- Del Vecchio, M., Di Guardo, L., Ascierto, P.A., Grimaldi, A.M., Sileni, V.C., *et al.* (2014) Efficacy and safety of ipilimumab 3mg/kg in patients with pretreated, metastatic, mucosal melanoma. *European Journal of Cancer* 50, 121-127

Dennis, M.; Ehrhart, N.; Duncan, C.; Barnes, A.; Ehrhart, E. (2006) Frequency of and risk factors associated with lingual lesions in dogs: 1196 cases (1995–2004). *Journal of the American Veterinary Medical Association* 228, 1533–1537

Esplin D.G. (2008) Survival of dogs following surgical excision of histologically well differentiated melanocytic neoplasms of the mucous membranes of the lips and oral cavity. *Veterinary Pathology* 45 889 – 896

European Medicines Agency (2014)

<https://www.ema.europa.eu/en/medicines/veterinary/withdrawn-applications/oncept-melanoma> [accessed 16 December 2018]

Freeman K.P., Hahn K.A., Harris F.D. and King G.K. (2003) Treatment of dogs with oral melanoma by hypofractionated radiation therapy and platinum-based chemotherapy (1987–1997). *Journal of Veterinary Internal Medicine* 17,96–101

Fujiwara, A., Kobayashi, T., Kazato, Y., Yayoshi, N. and Fujita, M. (2013) Efficacy of hypofractionated radiotherapy for nasal tumours in 38 dogs (2005–2008). *Journal of Small Animal Practice* 54, 80–86

Gavriel, H.; McArthur, G.; Sizeland, A.; Henderson, M. (2011) Review: Mucosal melanoma of the head and neck. *Melanoma Research* 21, 257–266

Giuliano A., Dobson J., (2017) Masitinib treatment for advanced stage III and IV canine malignant melanoma. Proceedings of the European College of Veterinary Internal Medicine. September 14-16, St Julian, Malta. Pp 267

Grimes J.A., Matz M.B., Christopherson P.W., Koehler J.W., Cappelle K.K., Kately K.C., Hlusko, Smith A. (2017) Agreement Between cytology and histopathology for regional lymph node metastasis in dogs with melanocytic neoplasms. *Veterinary Pathology* 54, 579 – 587

Grosenbaugh D. A., Leard A.T., Bertgman P.J. *et al.* (2011) Safety and efficacy of a xenogenic DNA vaccine encoding for human tyrosinase as adjunctive treatment for orsal malignant melanoma in dogs following surgical excision of the primary tumour. *American Journal of Veterinary Research* 72, 1631-1638

Hicks D.G., Fidel J.L. (2006). Intranasal malignant melanoma in a dog. *Journal of the American Animal Hospital Association* 42, 472– 476

Hoyt F.R., Withrow S.J. (1984) Oral malignancy in the dog. *Journal of the American Animal Hospital Association* 20, 83–92

Itakura E., Huang R.R., Wen D.R., Cochran A.J. (2011) “Stealth” melanoma cells in histology-negative sentinel lymph nodes. *American Journal of Surgical Pathology* 35, 1657–1665

Iussich, S., Maniscalco, L., Di Sciuva, A., Iotti, B., Morello, E., *et al.* (2017) PDGFRs expression in dogs affected by malignant oral melanomas: correlation with prognosis. *Veterinary and Comparative Oncology* 15, 462-469

Kahana, O., Micksche, M., Witz, I.P. and Yron, I., (2002) The focal adhesion kinase (P125FAK) is constitutively active in human malignant melanoma. *Oncogene* 21, 3969

Liptak, J.M. and Withrow, S.J. (2013) Melanoma. In: Small Animal Clinical Oncology. 5th edn. Eds S.J. Withrow, D.M. Vail and R.L. Page Elsevier Saunders, Missouri. pp. 321–330

MacEwen, E.G.; Patnaik, A.K.; Harvey, H.J.; Hayes, A.A.; Matus, R. (1986) Canine oral melanoma: Comparison of surgery versus surgery plus *Corynebacterium parvum*. *Cancer Investigation* 4, 397-402

Mackintosh J.A. (2001) The antimicrobial properties of melanocytes, melanosomes and melanin and the evolution of black skin. *Journal of Theoretical Biology* 21, 101-13

Martinez CM., Penafiel-Verdu C., Vilafranca M., *et al.*, (2011) Cyclooxygenase-2 expression is related with localization, proliferation and overall survival in canine melanocytic neoplasms *Veterinary Pathology* 48, 1204-1211

Maruo, T., Shida, T., Fukuyama, Y., *et al.* (2011) Retrospective study of canine nasal tumor treated with hypofractionated radiotherapy. *Journal of Veterinary Medical Science* 73, 193–197

Mellanby, R. J., Stevenson, R. K., Herrtage, M. E., White, R. A. S. and Dobson, J. M. (2002) Long-term outcome of 56 dogs with nasal tumours treated with four doses of radiation at intervals of seven days. *Veterinary Record* 151, 253–257

Modiano, J.F., Ritt, M.G. and Wojcieszyn, J., (1999) The molecular basis of canine melanoma: pathogenesis and trends in diagnosis and therapy. *Journal of Veterinary Internal Medicine* 1, 163-174

Murakami, A., Mori, T., Sakai, H., Murakami, M., Yanai, T., *et al.*, (2011). Analysis of KIT expression and KIT exon 11 mutations in canine oral malignant melanomas. *Veterinary Comparative Oncology* 9, 219-224

Murphy, S.; Hayes, A.M.; Blackwood, L.; Maglennon, G.; Pattinson, H.; Sparkes, A.H. (2005) Oral malignant melanoma: The effect of coarse fractionation alone or with adjuvant carboplatin therapy. *Veterinary Comparative Oncology* 3, 222–229

Nemanic S, London CA, Wisner ER. (2006) Comparison of thoracic radiographs and single breath-hold helical CT for detection of pulmonary nodules in dogs with metastatic neoplasia. *Journal of Veterinary Internal Medicine* 20, 508–515

Ottrod, J.M., Smedley, R.C., Walshaw, R., Hauptman, J.G., Kiupel, M. and Obradovich, J.E., (2013). A retrospective analysis of the efficacy of Oncept vaccine for the adjunct treatment of canine oral malignant melanoma. *Veterinary Comparative Oncology* 11, 219-229

Proulx, D.R.; Ruslander, D.M.; Dodge, R.K.; Hauck, M.L.; Williams, L.E. *et al.*, (2003) A retrospective analysis of 140 dogs with oral melanoma treated with external beam radiation. *Veterinary Radiology and Ultrasound* 44, 352–359

Ramos-Vara, J.A.; Beissenherz, M.E.; Miller, M.A.; Johnson, G.C.; Pace, L.W. *et al.*, (2000) Retrospective study of 338 canine oral melanomas with clinical, histologic, and immunohistochemical review of 129 cases. *Veterinary Pathology* 37, 597–608

Rassnick K.M., Ruslander D.M., Cotter S.M., Al-Sarraf R., Bruyette D.S., Gamblin R.M., Meleo K.A. and Moore A.S. (2001) Use of carboplatin for treatment of dogs with

malignant melanoma: 27 cases (1989–2000). *Journal of the American Veterinary Medical Association* 218, 1444–1448

Satzger, I., Schaefer, T., Kuettler, U., Broecker, V., Voelker, B., *et al.* (2008). Analysis of c-KIT expression and KIT gene mutation in human mucosal melanomas. *British Journal of Cancer* 99, 2065

Simpson, R.M., Bastian, B.C., Michael, H.T., Webster, J.D., Prasad, M.L., *et al.* (2014). Sporadic naturally occurring melanoma in dogs as a preclinical model for human melanoma. *Pigment cell & Melanoma Research* 27, 37–47

Skinner O.T., Boston S.E., Souza C.H. (2017) Patterns of lymph node metastasis identified following bilateral mandibular and medial retropharyngeal lymphadenectomy in 31 dogs with malignancies of the head. *Veterinary Comparative Oncology* 3, 881–889

Smedley R.C., Lamoureux J., Sledge D.G., *et al.* (2011) Immunohistochemical diagnosis of canine oral amelanotic melanocytic neoplasms. *Veterinary Pathology* 48, 32–40

Smith.S.H, Goldschmidt H.M., and MacManus P.M. (2002) A Comparative Review of Melanocytic Neoplasms. *Veterinary Pathology* 39, 651–678

Théon, A.P., Rodriguez, C., Madewell, B.R. (2007) Analysis of prognostic factors and patterns of failure in dogs with malignant oral tumors treated with megavoltage irradiation. *Journal of the American Medical Association* 210, 778–784

Tuohy, J.L.; Selmic, L.E.; Worley, D.R.; Ehrhart, N.P.; Withrow, S.J. (2014) Outcome following curative-intent surgery for oral melanoma in dogs: 70 cases (1998–2011). *Journal of the American Medical Association* 245, 1266–1273

Verganti S., Berlato D., Blackwood L., Amores-Fuster I., Polton G.A., *et al.* (2017) Use of Oncept melanoma vaccine in 69 canine oral malignant melanomas in the UK. *Journal of Small Animal Practice* 58, 10–16

Williams, L.E., Packer, R.A. (2003) Association between lymph node size and metastasis in dogs with oral malignant melanoma: 100 cases (1987–2001). *Journal of the American Medical Association* 222, 1234–1236