

8. Literaturverzeichnis

ABU-SAUD, H.M., u. S.L. HAZEN (2000):

Nitrit oxide modulates the catalytic activity of myeloperoxidase.
J. Biolog. Chem. **275** (8), 5425-5430

ALEXANDER, J.W., RICHARDSON, D.C., u. B.A. SELCER, B.A. (1981):

Osteochondritis dissecans of the elbow, stifle and hock: a review.
J. Am. Anim. Hosp. Assoc. **17**, 51-56

ALLGOEWER, I., RICHTER, A., GRÜNING, G., MEUTSTEGE, F.J., WAIBL, H., u.
L. BRUNNBERG (2000):

Zwei intra-extraartikuläre Stabilisationsverfahren zur Therapie der Ruptur des Ligamentum cruciatum craniale im Vergleich: Methode (mod.) nach FLO und Methode nach MEUTSTEGE.
Kleintierpraxis **45** (2), 95-103

ALTMAN, R.D., FRIES, J.F., u. D.A. BLOCH (1987):

Radiographic assessment of progression in osteoarthritis.
Arthr. Rheum. **30**, 1214-1215

ANDERSON, S.M., LIPPINCOTT, C.L., u. J.A. SCHULMANN (1989):

Longitudinal myotomy of the flexor carpi radialis: a new approach to the medial aspect of the elbow joint.
J. Am. Anim. Hosp. Assoc. **25**, 499-503

ANDERSON, T.J., CARMICHAEL, S., u. A. Miller (1990):

Intercondylar humeral fracture in the dog: a review of 20 cases.
J. Small Anim. Pract. **31**, 437-442

ANDERSSON, E., HELLMANN, L., GULLBERG, U., u. I. OLSSON (1998):

The role of the propeptide for processing and sorting of human myeloperoxidase.
J. Biol. Chem. **273** (8), 4747-4753

ARICAN, M., CARTER, S.D., BENNET, D., u. C. MAY (1994):

Measurement of glycosaminoglycans and keratan sulfate in canine arthropathies.
Br. J. Rheumatol. **30**, 47-52

ARNOTZKY, S.P., u. J.-L. MAESHALL (1981):

Pathomechanics of cruciate and meniscal injuries.
In: BOJRAB, M.J.: Pathophysiologie in Small Animal Surgery.
Philadelphia, Lea & Febinger Verlag, 590-603

ASSMANN, H. (1925):

Klinische Einteilung der chronischen Gelenkserkrankungen.
Fortschr. Roentgenstr. **33**, 901-943

ATILOLA, R. (1984):

Intra-articular tissue response to analytical grade metrizamide in dogs.
Am. J. Vet. Res. **45**, 2651-2657

- AYDELOTTE, M.B., u. K.E. KUETTNER (1993):
Heterogeneity of articular chondrocytes and cartilage matrix.
In: WOESSNER, J.F. u. D.S. HOWELL: Joint Cartilage Degradation. Basic and Clinical Aspects.
New York, Marcel Dekker, 37
- BAHN, U. (1995):
Komplikationen nach Osteosynthesen: Eine retrospektive Studie bei Hunden und Katzen in den Jahren 1989-1992 unter besonderer Berücksichtigung pathogenetisch bedeutsamer Faktoren.
Vet. Med. Diss., Hannover
- BAKER, M.S., GREEN, S.P., u. D.A. LOWTHER (1988):
Changes in the viscosity of hyaluronic acid after exposure of a myeloperoxidase derived oxidant.
Arth. Rheum. **32**, 461-467
- BARBER, D.L. (1981):
Imaging: Radiography-II.
Vet. Radiol. **22**, 149-151
- BARDENS, J.W., u. H. HARDWICK (1968):
New observations in the diagnosis and cause of hip dysplasia.
Vet. Med. Small Anim. Clin. **63**, 238
- BARRETT, R.E. (1977):
Current veterinary therapy VI.
Small Anim. Pract., 890-897
- BENNETT, D., u. J.R. CAMPBELL (1979):
Unusual soft tissue orthopedic problems in the dog.
J. Small Anim. Prac. **20**, 27-38
- BENNETT, D., DUFF, S.R.J., KENE, R.O., u. R. LEE (1981):
Osteochondrosis dissecans and fragmentation of the coronoid process in the elbow joint of the dog.
Vet. Rec. **109**, 329-336
- BENNETT, D., u. C. MAY (1995):
Joint diseases of dogs and cats.
In ETTINGER, S.J. U. E.C. FELDMANN: Textbook of veterinary internal medicine, 4rd Edition
Philadelphia, London, W.B. Saunders, 2032-2077
- BERG, R., u. T. KOCH (1992):
Gelenk- und Bänderlehre, Arthrologie und Syndesmologie.
In: BERG, R.: Lehrbuch der Veterinär-Anatomie, Band I, 5. Aufl.
Gustav Fischer Verlag, 210-211
- BERRY, C.R. (1992):
Radiologic corner – evaluation of the canine coronoid process for fragmented medial coronoid process.
Vet. Radiol. Ultrasound **33**, 273
- BERZON, J.L., u. C.B. QUICK (1980):
Fragmented coronoid process: Anatomical, clinical and radiographic considerations with case analysis.
J. Am. Anim. Hosp. Assoc. **16**, 241-251

- BIDLINGMAIER, B. (1989):
Klinische Untersuchungen und Erhebungen zur Luxatio antebrachii und Monteggia-Fraktur bei Hund und Katze in den Jahren 1978-1987.
Vet. Med. Diss., München
- BILLINGS, L.A., VASSEUR, P.B., TODOROFF, R.J., u. W. JOHNSON (1992):
Clinical results after reduction of traumatic elbow luxations in nine dogs and one cat.
J. Am. Anim. Hosp. Assoc. **28**, 137-142
- BINNINGTON, A.G. (1974):
Fractures of the scapular tuberosity.
Canadian Vet. Journal **15**, 152-155
- BOLZ, W., u. O. DIETZ (1985):
Lehrbuch der allgemeinen Chirurgie für Tierärzte. 5. Aufl.
Stuttgart, Ferdinand Enke Verlag, 386-397
- BOLLN, G. (2001):
Untersuchung zur immunzellvermittelten Reaktion der Synovialis bei Arthrosen unterschiedlichen Schweregrades.
Vet. Med. Diss., Berlin
- BONATH, K.H., u. W.D. PRIEUR (1998):
Orthopädische Chirurgie und Traumatologie.
Kleintierkrankheiten, Band III, Kap.5
Stuttgart, Eugen Ulmer Verlag, 559, 595-596
- BONE, D.L., WALKER, M., u. H.D. CANTWELL (1984):
Traumatic coxofemoral luxation in dogs: Results of repair.
Vet. Surg. **13**, 263-270
- BONIFACE, R.J., CAIN, P.R., u. C.H. EVANS (1988):
Articular responses to purified cartilage proteoglycans.
Arthritis Rheum. **31**, 258
- BOUDRIEAU, R.J., HOHN, R.B., u. J.F. BARDET (1983):
Osteochondritis dissecans of the elbow in the dog.
J. Am. Anim. Hosp. Assoc. **19** (5), 625-635
- BOULAY, J.P. (1998):
Fragmented medial coronoid process of the ulna in the dog.
Vet. Clin. North. Am. Small Anim. Pract. **28** (1), 51-74
- BRADEN, T.D. (1977):
The use of plastic plates for repair of posterior acetabular fractures.
Archives **6**, 7-9
- BRADEN, T.D. (1980):
Das instabile Kniegelenk des Hundes.
Kleintierpraxis **25**, 417-427

- BRANDT, K.D., FIFE, R.S., u. E.M. BRAUNSTEIN (1991):
Radiographic grading of the severity of knee osteoarthritis: Relation of the Kellegren and Lawrence grade to a based on joint space narrowing, and correlation with arthroscopic evidence of articular cartilage degeneration.
Arthritis. Rheum. **34**, 1381-1386
- BRASS, W. (1955):
Fasziensatz zum Ersatz von Kniegelenksbändern beim Hund.
Dtsch. Tierärztl. Wochenschr. **62**, 208-210
- BRASS, W., FREUDIGER, U., u. S. MÜLLER (1978):
Bericht der Hüftgelenksdysplasie Kommission.
Kleintierpraxis **23**, 169
- BRASS, W. (1992):
FIC-Workshop über Hüftgelenksdysplasie 14.06.1991, Dortmund.
FCI-Magazin **4**
- BRINKNER, W.O. (1971):
Corrective oteotomy procedures for the treatment of canine hip dysplasia.
Vet. Clin. North. Am. **1**, 467
- BRINKNER, W., PIERMATTEI, D., u. G. FLO (1993):
Orthopädie und Frakturbehandlung beim Kleintier.
Stuttgart, New York, Schattauer, 386-411
- BROOM, N. (1982):
Abnormal softening in articular cartilage.
Arthritis. Rheum. **25**, 1209-1210
- BRUNNBERG, L., WAIBL, H., u. U. WISKOTT (1979):
Zur Schulterblattfraktur des Hundes.
Der praktisch Tierarzt **60**, 960-966
- BRUNNBERG, L., KÖSTLIN, R., u. H. WAIBL (1981):
Zum Abriß des Musculus biceps brachii am Tuberculum supraglenoidale scapulae beim Hund.
Kleintierpraxis **26**, 267-272
- BRUNNBERG, L., SCHEBITZ, H., VOLLMERHAUS, B., MATIS, U., KÖSTLIN, R.G., ROOS, H., WAIBL, H., u. B. ENDRES (1983):
Olekranonfraktur beim Hund. Therapie und Ergebnis.
Kleintierpraxis **1**, 17-22
- BRUNNBERG, L., u. WAIBL, H. (1986):
Osteochondrosis dissecans der Trochlea humeri und/oder Fraktur des Processus coronoideus medialis ulnae beim Hund.
26. Jahrestagung der DVG-Fachgruppe „Kleintierkrankheiten“
Oldenburg, 23.-24.10.1986, 310-314
- BRUNNBERG, L. (1987):
Klinische und experimentelle Untersuchungen zu Äthiologie, Pathogenese und Therapie der Ruptur des Ligamentum cruciatum craniale im Kniegelenk des Hundes.
Habilitationsschrift, München

- BRUNNBERG, L., DÜRR, E., u. C. KNOSPE (1991):
Zu den Verletzungen der Patella und des Lig. patellae bei Hund und Katze. Teil I, Patellafraktur.
Kleintierpraxis **36**, 547-559
- BRUNNBERG, L., RIEGER, I., u. E.M. HESSE (1992):
Sieben Jahre Erfahrung mit einer modifizierten „Over-the-top“ Kreuzbandplastik beim Hund.
Kleintierpraxis **37** (11), 735-746
- BRUNNBERG, L., WAIBL, H., MEYER-LINDENBERG, A., u. I. KASSIANOFF (1993):
Zur operativen Versorgung der Fraktur des Tuberculum supraglenoidale scapulae.
Kleintierpraxis **38**, 425-432
- BRUNNBERG, L., u. I. ALLGOEWER (1996):
Age-related results of the treatment of elbow dysplasia in the Bernese Mountain Dog.
Abstracts of the 7th Ann. Meeting of the International Elbow Working Group, Constance,
Germany, 1th July, 1995
Vet. Comp. Orthop. Traumat. **9** (2), 58-71
- BRUNNBERG, L. (1999):
Lahmheitsdiagnostik beim Hund.
Untersuchung, Diagnostik, Therapiehinweise.
Berlin, Parey Verlag, 13-25
- BRUNNBERG, L., VIEHMANN, B., u. H. WAIBL (1999):
Computergeschützte Auswertung von Röntgenbildern zur Erfassung von Parametern der
Ellbogendysplasie, Teil 2: Stufenbildung im Gelenk.
Kleintierpraxis **44**, 637-646
- BRUNNBERG, L., PAULS, J., BURGER, M., HERRMANN, W., u. H. WAIBL (2001):
Interkondyläre, nicht dislozierte Humerusfraktur beim Hund.
Kleintierpraxis **46**, 783-792
- BURR, D.B., u. E.L. RADIN (1990):
Trauma as a Faktor in the initiation of osteoarthritis.
In: BRANDT, K.D. (ed): Cartilage Changes in Osteoarthritis.
Indianapolis, Indiana, University School of Medicine, 63
- CAMPION, G.V., McCRAE, F., u. T.J. SCHNITZER (1991):
Levels of keratansulfate in the serum und synovial fluid of patients with osteoarthritis of the knee.
Arthritis. Rheum. **34**, 1254-1259
- CARMICHAEL, S., WHEELER, S.J., u. L.C. VAUGHAN (1989):
Single condylar fractures of the distal femur in the dog.
J. Small Anim. Pract. **30**, 500-504
- CARON, J.P., FERNANDES, J.C., u. J. MARTELL-PELLETIER (1996):
Chondroprotective effect of intraarticularinjections of interleukin-1 receptor antagonist in
experimental osteoarthritis.
Arthritis. Rheum. **39**, 1535
- CARRIG, C.B. (1997):
Diagnosic imaging of osteoarthritis.
Vet. Clin. North Am. Small Anim. Pract. **27** (4), 777-796

CHU, C.Q., FIELD, M., FELDMANN, M., u. R.N. MAIN (1991):
Localisation of tumor necrosis factor alpha in synovial tissue and at the cartilage pannus junction in patients with rheumatoid arthritis.
Arth. Rheum. **34**, 1125-1132

CLAYTON-JONES, D.G. (1980):
Osteochondritis dissecans des Kniegelenks.
Kleintierpraxis **25**, 441-443

CLARK, I.M., POWELL, L.K., RAMSEY, S., HALLEMANN, B.L., u. T.E. CAWSTON (1993):
The measurement of collagene, tissue inhibitor of metalloproteinase (TIMP) and collagenase-TIMP complex in synovial fluids from patients with osteoarthritis and rheumatoid arthritis.
Arthr. Rheum. **36**, 372-379

COORAY, R. , PETERSSON, C.G.B., u. O. HOLMBERG (1993):
Isolation and purification of bovine myeloperoxidase from neutrophil granules.
Vet. Immunol. and Immunopath. **38**, 261-272

COORAY, R., PETERSSON, C.G.B., u. K.O. GRÖNVIC (1995):
Preparation and characterisation of monoclonal antibodies against bovine myeloperoxidase.
Vet. Immunolog. and Immunopath. **46**, 211-221

CORLEY, E.A. (1992):
Role of the Orthopedic Foundation for Animals in the control of canine hip dysplasia.
Vet. Clin. North. Am. Small Anim. Pract. **22**, 579

CORLEY, E.A., SUTHERLAND, T.M., u. W.D. CARLSON (1968):
Genetic aspects of canine elbow dysplasia.
J. Am. Vet. Assoc. **153**, 545

CRAIG, E., HOHN, R.B., u. W.D. ANDERSON (1980):
Operative Stablisierung der traumatischen medialen Schulterluxation.
Kleintierpraxis **25**, 329-338

CREMER, M.A., ROSLONIEC, E.F., u. A.H. KANG (1998):
The cartilage collagens: a review of their structure, organisation, and role in the pathogenesis of experimental arthritis in animals and in human rheumatic disease.
J. Mol. Med. **76**, 275-288

DÄMMRICH, K. (1978):
Zur Pathogenese der Arthropathia deformans bei Haustieren.
Kleintierpraxis **21**, 158-166

DÄMMRICH, K., u. H. LOPPNOW (1990):
Synovialisdeckzellen. Stoffwechselstörungen mit vorwiegend extrazellulären Veränderungen.
In: STRÜNZI, H., u. E. WEISS: Allgemeine Pathologie für Tierärzte und Studierende, 8. Aufl.
Berlin, Hamburg, Parey Verlag, 124

DÄMMRICH, K., u. W. BRASS (1993):
Krankheiten der Gelenke.
In: SCHEBITZ, H., BRASS, W. u. H.J. WINZER: Allgemeine Chirurgie für Tierärzte und Studierende.
Berlin, Hamburg, Parey Verlag, 195-199, 211-218

- DALY, W.R., u. G.B. TARVIN (1981):
Medial epicondyle osteotomy: an approach to repair of medial femoral condyle fractures in the dog.
Vet. Surg. **10**, 113-117
- DAVIES, B., u. S.W. EDWARDS (1989):
Inhibition of myeloperoxidase by salicylhydroxamic acid.
Biochem. J. **258**, 801-806
- DAVIES, E.V., WILLIAMS, B.D., u. A.K. CAMPELL (1990):
Synovial fluid polymorphonuclear leukocytes from patients with rheumatoid arthritis have reduced MPO and NADPH-oxidase activity.
Br. J. Rheum. **29**, 415-421
- DEBY-DUPON, G., GRÜLKE, S., CAUDRON, I., MATHY-HARTERT, M., BENBAREK, H., DEBY, C., LAMY, M., u. D. SERTEYN (1998):
Equine neutrophil myeloperoxidase in plasma: design of a radio-immunoassay and first results in septic pathologies.
Vet. Immunol. and Immunopath. **66**, 257-271
- DEDRICKD. K., GOLDSTEIN, S.A., u. K.D. BRAND (1993):
A longitudinal study of subchondral plate and trabecular bone in cruciate ligament deficient dogs with OA followed up in 54 month.
Arthr. Rheum. **36**, 1460-1478
- DE MENDEZ, I., YOUNG, K.R., BIGNON, J., u. C.R. LAMBRE (1991):
Biochemical characteristics of alveolar macrophage-specific activities in the rat.
Arch. Biochem. and Biophys. **289** (2), 319-323
- DENNY, H.R. (1975):
The use of the wire tension band in the treatment of fractures in dogs.
J. Small Anim. Pract. **16**, 173
- DENNY, H.R., u. C. GIBBS (1980):
Osteochondrosis dissecans of the canine stifle joint.
J. Small Anim. Pract. **21** (6), 317-322
- DIAB, M. (1993):
The role of type IX collagen in osteoarthritis and rheumatoid arthritis.
Orthop. Rev. **22**, 165
- DI CESARE, P.E., AMIN, A., u. M. ATTUR (1995):
Increased expression of the inducible nitric oxide synthase in human osteoarthritis chondrocytes.
Trans. Orthop. Res. Soc. **20**, 353
- DIETZ, O., u. V. SCHMIDT (1968):
Zum Vorkommen, zur Art und Therapie der Kniegelenksleiden beim Hund.
Monatsheft Veterinärmedizin **23**, 61
- DOERR, W., u. G. SEIFERT (1984):
Spezielle pathologische Anatomie.
Berlin, Heidelberg, New York, Springer Verlag, 267-270

- DROST, W.T., LOVE, N.E., u. C.R. BERRY (1996):
Comparison of radiography, myelography and computed tomography for the evaluation of canine vertebral and spinal cord tumors in sixteen dogs.
Vet. Radiol. Ultrasound **37**, 28-31
- EDWARDS, S.W., HUGHES, V., BARLOW, J., u. R. BUCKNALL (1988):
Immunological detection of myeloperoxidase in synovial fluids from patients with rheumatoid arthritis.
Biochem. J. **250**, 81-85
- EHRLEIN, H.J. (1967):
Zur Kasuistik und Therapie von Frakturen der Humeruskondylen des Hundes.
Dtsch. tierärztl. Wochenschr. **74**, 483-488
- ELLISON, R.S. (1988):
The cytologic examination of synovial fluid.
Semin. Vet. Med. Surg. **3**, 133-139
- EVANS, C.H., STEPHANOVIC-RACIC, M., u. J. LANCASTER (1995):
Nitric oxide and its role in orthopaedic diseases.
Clin. Orthop. **312**, 275-281
- EVERS, P., JOHNSTON, G., u. L. WALLACE (1997):
Long-term results of treatment of traumatic coxofemoral joint dislocation in dogs: 64 cases (1973-1992).
J. Am. Vet. Med. Assoc **210**, 59-62
- EYRE, D.R., McDEVITT, C.A., BILLINGHAM, M.E.J., u. H. MUIR (1980):
Biosynthesis of collagen and other matrix proteins by articular cartilage in experimental osteoarthritis.
Biochem. J. **188**, 823-837
- EYRE, D.R., WU, J.J., WOODS, P.E., u. M.A. WEIS (1991):
A growing family of collagens in articular cartilage: identification of five genetically distinct types.
J. Rheumatol. **14**, 25-27
- FACKLAM, N.R. (1984):
Synovial fluid preparation and cytologic analyses.
Vet. Tech. **5**, 93-96
- FAHRAT, M.N., YANNI, G., POSTON, R., u. G.S. PANAYI (1993):
Cytocin expression in synovial membranes of patients with rheumatoid arthritis and osteoarthritis.
Am. Rheum. Dis. **52**, 870-875
- FASSBENDER, H.G. (1983):
Die Bedeutung entzündlicher Prozesse bei der Osteoarthrose.
Z. Rheumatol. **42**, 145-152
- FASSLER, R., SCHNEGELSBERG, P.N., u. J. DAUSMAN (1994):
Mice lacking alpha 1 (IX) collagen develop noninflammatory degenerative joint disease.
Proc. Nat. Acad. Sci., USA, **91**, 5070

- FEHR, M., u. A. MEYER-LINDENBERG (1992):
Über die Ellenbogengelenkerkrankungen beim Hund.
Kleintierpraxis **37**, 427-438
- FELDMANN, R.J., u. W.W. RUEHL (1984):
Examination of body fluids.
Mod. Vet. Pract. **65**, 295-298
- FERNANDEZ, F.R., GRINDEM, C.B., LIPOWITZ, A.J., u. V. PERMAN (1983):
Synovial fluid analysis: preparation of smears for cytologic examination of canine synovial fluid.
J. Am. Animal Hosp. Assoc. **19**, 727-734
- FICKERT, S., u. J. SIEPER (1998):
Zytokin-Expression bei Cox- und Gonarthrose. Orthopädie aktuell.
Z. Orthop., **36** (6), 14-16
- FOSSUM, T.W. (2002):
Fragmented coronoid process.
In: FOSSUM, T.W., HEDLUND, C.S u. D.A. HULSE: Small animal surgery: Disease of the joint.
St. Louis, London, Philadelphia, Sydney, Toronto, Mosby, Kap. 35, 1067-1073
- FOX, S.M., u. A.M. WALKER (1993):
Identifying and treating the primary manifestation of osteochondrosis of the elbow.
Vet. Med. **88** (2), 132-146
- FOX, S.M., BURBIDGE, H.M., BRAY, J.C., u. S.R. GUERIN (1996):
Ununited anconeal process: lag-screw fixation.
J. Am. Anim. Hosp. Assoc. **32**, 52-56
- FOX, D.B., u. J.L. COOK (2001):
Synovial fluid markers of osteoarthritis in dogs.
J. Am. Vet. Med. Assoc. **219**, 6, 756-761
- FRAZER, J.R., LAURENT, T.C., u. U.B. LAURENT (1997):
Hyaluronan: its nature, distribution, functions and turnover.
J. Intern. Med. **242**, 27-33
- FREUDIGER, U., SCHÄRER, V., BUSER, J.C., u. R. MÜHLEBACH (1973):
Die Hüftgelenkdysplasie, Bekämpfungsverfahren und Frequenz bei verschiedenen Rassen.
Schw. Arch. Tierheilk. **115**, 69-73
- FRY, T.R., u. D.M. CLARK (1992):
Canine hip diysplasia: Clinical signs and physical diagnosis.
Vet. Clin. North. Am. Small Anim. Prac. **22**, 551-552
- GARNERO, P., ROUSSEAU, J.C., u. P.D. DELMAS (2000):
Molekular basis and clinical use of biochemical markers of bone, cartilage and synovium in joint diseases.
Arthritis Rheum. **43**, 953-968
- GERVERS, M. (1998):
Untersuchungen zur Hüftgelenksendoprothetik bei Hunden unter besonderer Berücksichtigung der Komplikationen.
Vet. Med. Diss., Hannover

- GHOSH, P. (1994):
The role of hyaluronic acid (hyaluronan) in health and disease: Interactions with cells, cartilage and components of synovial fluid.
Clin. Exp. Rheum. **12**, 75-76
- GILMORE, D.R. (1983):
Patellar ligament rupture in dogs.
J. Am. Vet. Med. Assoc. **183**, 228
- GOLDBERG, D.L., u., A.S. COHEN (1978):
Synovial membrane histopathologie in the differential diagnosis of rheumatoid arthritis, gout, pseudogout, systemic lupus erythematosus, infectious arthritis and degenerative joint disease.
Medicine **57**, 239-252
- GOLDWASSER, M., ASTREY, T., VAN DER REST, M., u. F.H. GLORIEUX (1982):
Analysis of type of collagen present in osteoarthritic human cartilage.
Clin. Orthop. Relat. Res. **167**, 296-302
- GORDON, W.J., BESANCON, M.F., CONZEMIUS, M.G., MILES, K.G., u.
A.S. KAPATTKIN (2003):
Frequency of post-traumatic osteoarthritis in dogs after repair of a humeral condylar fracture.
Vet. Comp. Orthop. Traumatol. **1**, 1-5
- GREEN, S.P., BAKER, M.S., u. D.A. LOWTHE (1990):
Depolymerisation of synovial fluid hyaluronic acid (HA) by the complete myeloperoxidase (MPO) system may involve the formation of a HA-MPO ionic complex.
J. Rheum. **17** (12), 1670-1675
- GRIESON, H.A., SUMMER B.A., u. G. LUST (1982):
Ultrastructure of the articular cartilage and synovium in the early stages of degenerative joint disease in canine hip joints.
Am. J. Vet. Res. **43**, 1963-1965
- GRIFFIN D.W., u. P.B. VASSEUR (1992):
Synovial fluid analysis in dogs with cranial cruciate ligament rupture.
J. Am. Anim. Hosp. Assoc. **28**, 277-281
- GRONDALEN, J. (1979):
Arthrosis with special reference to the elbow joint of young rapidly growing dogs.
Nord. Vet. Med. **31**, 62-68
- GRONDALEN, J. (1981):
A generalized chondropathy of joint cartilage leading to deformity of the ellbow joints in a litter of Newfoundland dogs.
J. Small Anim. Prac. **22**, 523-538
- GRONDALEN, J., u. T. GRONDALEN (1981):
Arthrosis in the elbow joint of young rapidly growing dogs.
Nord. Vet. Med. **33**, 1-16
- GROOTVELT, E.B., HENDERSON, A., FARELL, A., BLAKE, D.R., PARKES, H.G., u. P.
HAYCOCK (1991):
Oxidative damage to hyaluronate and glyucose in synovial fluid during exercise of the inflamated joint.
Biochem. J. **273**, 459-467

- GRULKE, S., BENBAREK, H., DEBY-DUPONT, G., MARTHY-HARTERT, M., FARNIR, F., DEBY, C., LAMY, M., u. D. SERTEYN (1999):
Plasma myeloperoxidase level and polymorphonuclear leukocyte activation in horses suffering from large intestinal obstruction requiring surgery: preliminary results.
Can. J. Vet. Res. **63**, 142-147
- GRUSSENDORF, C., GRUSSENDORF, H., u. L. BRUNNBERG (2001):
Erhebung zur Energie- und Nährstoffversorgung von Junghunden mit Skelettanomalien unter Zuhilfenahme der computergestützten Rationsberechnung.
Kleintierpraxis **46** (7), 411-425
- GUTHRIE, S. u. H.G. PIDDUCK (1990):
Heritability of elbow osteochondrosis within a closed population of dogs.
J. Small Anim. Pract. **31** (2), 93-96
- HADLER, N.M., SPITZWAGEL, S.K., u. R.J. QUINET (1979):
Lysosomal enzymes in inflammatory synovial effusions.
J. Immunol. **123** (2), 572-577
- HAMMER, D.L. (1980):
Recurrent coxofemoral luxations in fifteen dogs and one cat.
J. Am. Vet. Med. Assoc. **177**, 1018-1020
- HARARI, J. (1997):
Clinical evaluation of the osteoarthritic patient.
Vet. Clin. of North. Am. **27** (4), 7-9
- HARRELL, A.G. (1978):
Reduction of simple lateral luxation of the elbow joint.
Vet. Med. Small Anim. Clin. **73**, 1156-1157
- HAZEN, S.L., HIU, F.F., GAUT, J.P., CROWLEY, J.R., u. J.W. HEINEKE (1999):
Modification of Proteins on Lipids by Myeloperoxidase.
In: PARKER, L. (ed); Methods in Enzymology Vol. 306; Oxidants and Antioxidants Part B.
San Diego, Academic Press, 88-94
- HAZEWINKEL, H.A., GOEDEGEBUURE, S.A., POULOS, P.W., u. I. WOLVEKAMP (1985):
Influences of chronic calcium excess on the skeletal development of growing grand danes.
J. Am. Anim. Hosp. Assoc. **21**, 377-391
- HAZEWINKEL, H.A., KANTOR, A., MEIJ, B., u. G. VOORHOUT (1988):
Fragmented coronoid process and osteochondrosis dissecans of the medial humeral condyle.
Tijdschr. Diergeneesk. **113** (1), 41-46
- HEISEL, J. (1992):
Entzündliche Gelenkerkrankungen XIII.
Stuttgart, Enke, 55-57
- HENRICSON, B., NORBERG, I., u. S.E. OLSSON (1966):
On the etiologie and pathogenesis of hip dysplasia: a comparative review.
J. Small Anim. Pract. **7**, 673

- HENRY, G.A. (1992):
Radiographic development of canine hip dysplasia.
Vet. Clin. North. Am. Small. Anim. Pract. **22**, 559-562
- HERRON, M.R. (1971):
Ununited Anconeal Process in the Dog.
Vet. Clin. North. Am. **1** (3), 417-428
- HEWICKER-TRAUTWEIN, M., CARTER, S.D., BENNET, D., u. D.F. KELLY (1999):
Immunocytochemical demonstration of lymphocyte subsets and MHC class II antigen expressions in synovial membranes from dogs with rheumatoid arthritis and degenerative joint diseases.
Vet. Immunol. Immunopathol. **67**, 341-357
- HOHN, R.B., ROSEN, H., BOHNING, R.H., u. S.G.BROWN (1971):
Surgical stabilization of recurrent shoulder luxation.
Vet. Clin. North Am. Small Anim. Pract. **1**, 537-548
- HOHN, R.B., u. C.D. NEWTON (1975):
Surgical repair of ligamentous structures of the knee.
In: BORJAB, M.J.: Current Techniques in Small Animal Surgery.
Philadelphia, Verlag Lea u. Fiebinger, 470-479
- HORST, C. (2000):
Osteochondrosis dissecans beim Hund.
Vet. Med. Diss., Berlin
- HORNE, R.D. (1970):
Canine patellar luxation.
Vet. Med. Small Anim. Clin. **66**, 211
- HORNYAK, L. (1996):
Klinische und röntgenologische Langzeituntersuchungen nach ausgewählten orthopädischen Eingriffen beim Hund.
Vet. Med. Diss., Giessen
- HULLAND, T.J. (1993):
Diseases of joints.
In: JUBB, K.V.F., KENNEDY, P.C. u. N. PALMER: Pathologie of domestic animals. 4rd Ed.
Academic Press, 138-180
- HULSE, D.A., u. P.K. SHIRES (1993):
The stifle joint.
In: SLATTER, D.H.(Hrsg.): Textbook of small animal surgery. 3. Aufl.
W.B. Saunders, Philadelphia, 2220- 2228
- HUSAM, A.A., u. L.H. STANLEY (1999):
Nitric oxide modulates the catalytic activity of myeloperoxidase.
J. Biol. Chem. **275** (8), 5425-5430
- IEWG (1995):
International Elbow Working Group.
Protocol 1995

- JOHNSTON, S.A. (1992):
Conservative and medical management of hip dysplasia.
Vet. Clin. North. Am. Small Anim. Pract. **22**, 595-606
- JUBB, K.V.F., u. P.C.KENEDY (1970):
Pathology of domestic animals.
2nd Ed. Academic Press New York-London
- KAISER, S. (1999):
Magnetresonanztomographische und röntgenologische Untersuchungen zur Luxatio patellae congenita des Hundes.
Vet. Med. Diss., Berlin
- KINKARD, S.A., u. D.C. VAN SICKLE (1981):
Regional histochemical and thickness variations of adult canine articular cartilage.
Am. J. Vet. Res. **42** (3), 428-432
- KOMTEBEDDE, J., u. P.B. VASSEUR (1993):
Elbow Luxation.
In: SLATTER, D.E.: Textbook of Small Animal Surgery, 2. Aufl.
Philadelphia und London, W.B. Saunders Company, 1729-1736
- KOPF, N. (1978):
Fraktur des Condylus lateralis des Femur bei einem Hund.
Berl. Münch. Tierärztl. Wochenschr. **91**, 456-459
- KRAFT, W., u. U.M. DÜRR (1999):
Synovia.
In: Klinische Labordiagnostik in der Tiermedizin. 5ed.
Stuttgart, New York, Schattauer Verlag, 104-112
- KUROKI, K., COOK, J.L., u. J.M. KREEGER (2002):
Mechanism of action and potential uses of hyaluronan in dogs with osteoarthritis.
J. Am. Vet. Med. Assoc. **221** (7), 944-950
- LA FOND, E., BREUR, G.J., u. C.C. AUSTIN (2002):
Breed susceptibility for developmental orthopedic diseases in dogs.
J. Am. Anim. Hosp. Assoc. **38** (5), 467-477
- LA HUE, T.R., BROWN, S.G., u. J.C. ROUSH (1988):
Entrapment of joint mice in the bicipaltendon sheath as a sequela to osteochondrosis dissecans of the proximal humerus in dogs: A report of six cases.
J. Am. Anim. Hosp. Assoc. **24**, 99
- LAMMER, B. (2001):
Untersuchung synovialer Parameter aus osteoarthritischen Gelenken beim Hund unter besonderer Berücksichtigung des Myeloperoxidasegehaltes.
Vet. Med. Diss., Berlin
- LEFKOWITZ, D.L., GELDERMANN, M.P., FUHRMANN, S.R., GRAHAM, S., STARNERS, J.D., LEFKOWITZ, S.S., BOLLEN, A., u. N. MOGUILIVSKY (1999):
Neutrophilic myeloperoxidase-makrophage interactions perpetuate chronic inflammation associated with experimental arthritis.
Clin. Im. **91** (2), 145-155

- LEIGHTON, R.L. (1968):
Surgical treatment of some pelvic fractures.
J. Am. Vet. Med. Assoc. **153**, 1739
- LEIGHTON, R.L. (1981):
Surgical treatment of osteochondritis dissecans of the canine stife.
Vet. Med. Small Anim. Clin. **76** (12), 1733-1736
- LEMANSKI, P. (2001):
Institut für Physiologische Chemie des Klinikums der Philipps-Universität Marburg.
Zitat
- LEONARD, E.F. (1971):
Orthopedic surgery of the dog and cat.
Philadelphia, London, Toronto, W.B. Saunders comp.
- LEWIS, D.D., PARKER, R.B., u. D.A. HAGER (1989):
Fragmented medial coronoid process of the canine elbow.
Comp. Cont. Educ. **11**, 703-715, 734
- LEWIS, R., u. R.L. LEIGHTON (1995):
Surgical stabilisation of the ununited anconeal process in the dog using a cercalge wire.
Cal. Vet. 10-11
- LINCOLN, J.D., u. K. POTTER (1984):
Tendosynovitis of the biceps brachii tendon in dogs.
J. Am. Anim. Hosp. Assoc. **20**, 385-387
- LIPOWITZ, A.J. (1985):
Synovial fluid.
In: NEWTON C.D. u. D.M. NEWMARKER: Textbook of small animal orthopedics.
Philadelphia, J.B. Lippincott, 1015-1028
- LJUNGGREN, G. (1967):
Legg-Perthes disease in the dog.
Acta Ortho Scand (suppl.) **95**, 7
- LJUNGGREN, G., u. S.E. OLSSON (1975):
Osteoarthritis of the shoulder and elbow in dogs: A pathologic and radiographic study of a necropsy material.
J. Am. Vet. Radiol. Soc. **16**, 33
- LOEFFLER, K. (1963):
Der isolierte Processus anconaeus beim Deutschen Schäferhund – Vorkommen, Behandlung und Ergebnisse.
Kleintierpraxis **36**, 671-679
- LOEFFLER, K. (1964):
Gelenkanomalien als Problem in der Hundezucht.
Dtsch. tierärztl. Wochenschr. **71**, 291-295
- LOHMANDER, S.L. (1991):
Markers of cartilage metabolism in arthrosis: a review.
Acta. Orthop. Scand. **62**, 623-632

- LOHMANDER, S.L. (1999)
Molecular markers in osteoarthritis-progress and challenges, Fourth World Congress on Osteoarthritis (OARSI)
Wien
- LOTZ, M. (1997):
Cytocines and their receptors.
In: KOOPMANN, W.J.: Arthritis and allied conditions, ed 13.
Baltimore, Williams and Wilkins, 439
- LOTZ, M.; HASHIMOTO, S., u. K. KÜHN (1999):
Mechanism of chondrocyte apoptosis.
Osteoarthritis Cartilage **7**, 389-391
- MANKIN, H.J., u. E.L. RADIN (1997):
Structure and function of joints.
In: KOOPMAN, W.J.: Arthritis and Allied conditions, ed 13.
Baltimore, Williams and Wilkins, 1979-1983
- MAYNE, R., u. M.H. IRWIN (1986):
Collagen types in cartilage.
In: KUETTNER, K.E., SCHLEYERBACH, R., PEYON, J. u. V.C. HASCALL: Articular cartilage biochemistry.
NewYork, Raven Press, 23-38
- MAYNE, R. (1997):
Structure and function of collagen.
In: KOOPMAN, W.J.: Arthritis and Allied Conditions, ed 13.
Baltimore, Williams and Wilkins, 1969-1978
- MARTINEZ, S.A. (1997):
Congenital conditions that lead to osteoarthritis in the dog.
Vet. Clin. North Am. Small Anim. Prac. **27** (4), 740-746
- MARTINEZ, S.A. (1997):
Acquired conditions that lead to osteoarthritis in dogs.
Vet. Clin. North Am. Small Anim. Prac. **27** (4) 759-7761
- MATIS, U. (1983):
Acetabular fractures. Presentation at 6th Annual Advanced Course Internal Fixation of Fraktures and Nonunions.
Columbus, Ohio
- MATIS, U., SCHEBITZ, H., u. H. WAIBL (1985):
Zugang zum Hüftgelenk von dorsolateral mit Osteotomie des Trochanter major.
In: SCHEBITZ, H. u. W. BRASS: Operationen an Hund und Katze.
Berlin, Hamburg, Parey, 378-380
- MATHY-HARTERT, M., BOURGEOIS, E., GRÜLKE, S., DEBY-DUPONT, G., CAUDRON, I., DEBY, C., LAMY, M., u. D. SERTEYN (1997):
Purification of myeloperoxidase from equine polymorphonuclear leukocytes.
Can. J. Vet. Res. **62**, 127-132

- MC DEVITT, D.A., u. H. MUIR (1976):
Biochemical changes in the cartilage of the knee in experimental and natural osteoarthritis in the dog.
J. Bone Joint Surg. Br. **58**, 94
- MEERA, R., ANAND, S., RAMESH, C.V., u. R. PUVANAKRISHNAN (1999):
Inhibition of neutrophil derived lysosomal enzymes and reactive oxygen species by a novel tetrapeptide.
Inflammation Res. **48**, 479-484
- MEYER, J. (1977):
Unterarmfrakturen des Hundes.
Vet. Med. Diss., München
- MEYER-LINDENBERG, A. (1991):
Angeborene und erworbene Erkrankungen des Ellenbogengelenks beim Hund. Häufigkeit, Diagnostik und Behandlungsergebnisse der Jahre 1985 bis 1989
Vet. Med. Diss., Hannover
- MEYER-LINDENBERG, A., FEHR, M., BRUNNBERG, L., u. I. NOLTE (1993):
Fragmentierter Processus coronoideus medialis der Ulna beim Hund: Vorkommen und Therapieergebnisse: Erfahrungen an 101 Patienten.
Monatsheft für Veterinärmedizin **48** (9), 457-464, 466
- MEYER-LINDENBERG, A., FEHR, M., u. I. NOLTE (1999):
Der isolierte Processus anconaeus: retro- und prospektive Untersuchungen zur operativen Behandlung.
Tierärztl. Praxis **27**, 309-320
- MIOSGE, N., WALETZKO, K., BODE, C., QUONDAMATTEO, F., SCHULZ, W., u. R. HERKEN (1998):
Light and electron microscopic in-situ hybridization of collagen type I and II m-RNA in the fibrocartilaginous tissue of late-stage osteoarthritis.
Osteoarthritis Cartilage **6**, 278-285
- MONTGOMERY, R.D., MILTON, J.T., HENDERSON, R.A., u. J.T. HATCHCOCK (1989):
Osteochondrosis dissecans of the canine stifle.
Comp. Contin. Educ. Pract. Vet. **11**, (10) 1199-1205
- MORGAN, J.P., u. R.R. POOL (1987):
Primary degenerative joint disease of the shoulder in a colony of Beagles.
J. Am. Vet. Assoc. **190**, 531
- MOSKOWITZ, R.W., u. V.M. GOLDBERG (1987).
Studies of osteophyte pathogenesis in experimentally induced osteoarthritis.
J. Rheum. **14**, 311-319
- MURPHY, G., DOCHERTY, J.P., u. R.M. HEMBRY (1991):
Metalloproteases and tissue damage.
Br. J. Rheum. **30**, 25-31
- MÜLLER, F. (1914):
Differenzierung der chronischen Gelenkerkrankungen.
Sect VI: Medicine Part II.
London, Henry Frowde Oxford University Press, 501-531

- MÜLLER, W. (1977):
 Biologie der Gelenke.
 Stuttgart, Thieme Verlag, 78-81
- MUIR, H.M. (1980):
 The Chemistry of the ground substance of joint cartilage.
In: SOKOLOFF, I.: The Joint and Synovial Fluid.
 New York, Academic press, 27
- MULLER-LANDER, U., GAY R.E., u. S. GAY (1997):
 Structure and funktions of synoviocytes
In: KOOPMANN, W.J.: Arthritis and Allied Conditions, ed 13.
 Baltimore, Williams and Wilkins, 243
- MYERS S.L., O'CONNOR, B.L., u. K.D. BRANDT (1996):
 Accelerated clearance of albumin from the osteoarthritic knee: Implications of concentrations of
 „cartilage markers“ in synovial fluid.
 J. Rheum. **23**, 1744
- MYERS, S.L. (1999):
 Synovial fluid markers in osteoarthritis.
 Rheum. Dis. North. Am. **25**, 433-449
- NAUSEEF, W. M., McCORMICK, S. J., u. R.A. CLARK (1995):
 Calreticulin funktions as a molecular chaperone in the biosynthesis of myeloperoxidase.
 J. Biol. Chem. **270** (9), 4741-4747
- NIEBAUER, G.W., WOLF, B., BASHEY, R.I., u. C.D. NEWTON (1987):
 Antibodies to canine collagen type I and II in dogs with spontaneous cruciate ligament rupture and
 osteoarthritis.
 Arthritis Rheum. **30**, 319-327
- NIEDERMEYER, R. (1984):
 Röntgenologische Untersuchungen über die Entwicklung arthrotischer Veränderungen bei
 verschiedenen Graden der Hüftgelenksdysplasie des Hundes.
 Vet. Med. Diss., Hannover
- NEWTON, C.D. (1985):
 Fractures of the scapula. Fractures of the small bones.
In: NUNAMAKER, D.A.: Textbook of Small Animal Orthopedics.
 Philadelphia, London, Verlag Lippincott, 467-471
- OLMSTEAD, M.L., HOHN, R.B., u. T.M. TURNER (1983):
 A five-year study of 221 total hip replacements in the dog.
 J. Am. Vet. Med. Assoc. **183**, 191-194
- OKADA, Y. (1999):
 Matrix metalloproteasen in osteoarthritis.
 Department of Pathologie, Keio University, Tokio, Japan.
 Fourth World Congress on OA, Abst. pres. by OARSI, Sep. 1999, Vienna, Austria
- OLSSON, S.E. (1975):
 Lameness in the dog.
 Pract. Am. Anim. Hosp. Assoc. **42**, 363-370

- OLSSON, S.E. (1980):
Osteochondrosis in the dog.
Current veterinary therapie VI.
Small Anim. Pract. 880-886
- OLSSON, S.E. (1983):
The early diagnosis of fragmented coronoid process and osteochondrosis dissecans of the canine elbow joint.
J. Am. Anim. Hosp. Assoc. **19**, 616-626
- PAATSAMA, S. (1952):
Ligament injuries in the canine stifle joint.
A clinical and experimental study.
Thesis, Helsinki
- PAATSAMA, S. (1980):
Klinik des Kniegelenk beim Hund.
26. Jahrestagung der Deutschen Veterinärmedizinischen Gesellschaft e.V., Fachgruppe Kleintierkrankheiten, Karlsruhe, Kongressbericht 149
- PADGETT, G.A., MOSTOSKY, U.V., u. C.W. PROBST (1995):
The inheritance of osteochondritis dissecans and fragment coronoid process of the elbow joint in Labrador Retrievers.
J. Am. Anim. Hosp. Assoc. **31**, 327
- PALMOSKI, M., u. K. BRANDT (1982):
Immobilization of the knee prevents osteoarthritis after cruciate ligament transection.
Arthr. Rheum. **25**, 1201
- PARKER, R.B., u. T.A. SCHUBERT (1981):
Repair of ligamentous joint injuries in three dogs using spiked washers.
J. Am. Anim. Hosp. Assoc. **17**, 45-50
- PARKER, R.B., SPENCER, C.P., BOOMBERG, M.S., BITETTO, W. u. W.G. RODKEY (1984):
Canine total hip arthroplasty: A clinical review of 20 cases.
J. Am. Anim. Hosp. Assoc. **20**, 97-104
- PARRISIUS, O. (1985):
Processus anconaeus isolatus. Behandlungen und Ergebnisse in den Jahren 1975-1983.
Vet. Med. Diss., München
- PARRY, B.W. (1998):
Synovial fluid.
In: COWELL, R.L. TYLER, R.D. u. J.H. MEINKOTH: Diagnostic Cytology and Hematology of the Dog and Cat, 2ed.
California, Goleta, 104-118
- PAYNE, J. (1993):
Identifying and managing intra-articular fractures in dogs and cats.
Vet. Med. **88**, 974
- PEDERSEN, N.C. (1978):
Synovial fluid collections and analysis.
Vet. Clin. North Am. Small Anim. Pract. **8**, 495-499

- PEDERSEN, N.C., POOL R.R., u. J.P. MORGAN (1989):
Joint diseases in dogs and cats.
In: ETTINGER, S.J.: Textbook of Veterinary Internal Medicine. Bd.3: Diseases of the dog and cat. Philadelphia, London, Saunders, 263-277
- PELLETIER, J.P., McCOLLUM, R., CLOUTIER, J.M., u. J. MARTELL-PELLETIER (1995):
Synthesis of metalloproteins and interleukin-6 (IL-6) in human osteoarthritic synovial membran is an IL-1 mediated process.
J. Rheum. Suppl. **43**, 109-114
- PELLETIER, J.P., MARTELL-PELLETIER, J., u. D.S. HOWELL (1997):
Etiopathology of osteoarthritis.
In: KOOPMAN (ed): Arthritis an its conditions. Textbook of Rheumatologie, ed 13. Baltimore, Williams and Wilkins, 1969-1984
- PELLETIER, J.P., MINEAU, F., u. R. RANGER (1998):
The induced synthesis of iNOS inhibits IL-1ra synthesis by articular chondrocytes: Possible role in osteoarthritis cartilage degradation.
Osteoarthritis Cartilage **4**, 77-84
- PERSLOW, M.B. (2001):
Der künstliche Hüftgelenkersatz beim Hund. Eine retrospektive Studie an der Klinik und Poliklinik für kleine Haustiere der Freien Universität Berlin in den Jahren 1993-1998.
Vet. Med. Diss., Berlin
- PERMAN, V., u. G.E. CORNELIUS (1980):
Synovial fluid.
In: KANEKO: Clinical Biochemistry of Domestic Animals. ed 3. Orlando, Academic Press, 749-783
- PERSON, M.W. (1989):
Arthroscopic treatment of osteochondrosis dissecans in the canine shoulder.
Vet. Surg. **18** (3), 175-189
- PETRIDES, P.E. (1997):
Binde- und Stützgewebe.
In: LÖFFLER, G. u. P.E. PETRIDES: Biochemie und Pathobiochemie. Berlin, Heidelberg, New York, Springer Verlag, 734-759
- PIERMATTEI, D.L. (1963):
A technic for surgical management of coxofemoral luxations.
Vet. Med. Small Anim. Clin. **3**, 373-386
- POND, M. (1973):
Avulsion of the extensor digitorum longus muscle in the dog. A report of four cases.
J. Small Anim. Prac. **14**, 785
- POND, M. (1975):
Management of avulsion and articular fractures.
Vet. Clin. North. Am. Small. Anim. Prakt. **5**, 241

- POOLE, C.A. (1993):
The structure and function of articular cartilage matrix.
In: WOESSNER, J.F. u. D.S. HOWELL: Joint cartilage degeneration.
New York, Marcel Dekker, 121
- POOLE, C.A., AYAD, S., u. R.T.GILBERT (1992):
Chondrons from articular cartilage.
V. Immunohistochemical evaluation of type VI collagen organisation in isolated chondrons by light, confocal and electron mikroskopy.
J. Cell. Sci. **103**, 1101
- POOLE, C.A., FLINT, M.H., u. B. BEAUMONT (1987):
Chondrons in cartilage: Ultrastructural analysis of pericellular microenvironment in adult human articular cartilages.
J. Orthop. Res. **5**, 509
- POOLE, C.A., AYAD, S., u. J.R. SCHOFIELD (1988):
Chondrons from articular cartilage: (I) immunolocalisation of type VI collagen in the pericellular capsule of isolated canine tibia chondrons.
J. Cell. Sci. **90**, 635-643
- POZO, M.A., BALAZS, E.A., u. C. BELMONTE (1997):
Reduction of sensory response to passive movements of inflamed knee joints by hylan, a hyaluron derivative.
Exp. Brain. Res. **116**, 3-9
- PRIESTER, W.A. (1972):
Sex, size, and breed as risk factors in canine patellar dislocation.
J. Am. Vet. Med. Assoc. **160**, 740
- PROBST, C.W., FLO, G.L., McLOUGHLIN, M.A., u. C.E. DeCAMP (1989):
A simple medial approach to the canine elbow for treatment of fragmented coronoid process and osteochondrosis dissecans.
J. Am. Anim. Hosp. Assoc. **25**, 331-334
- PUNZET, G., u. I. WALDE (1974):
Spätergebnisse der chirurgischen Behandlung der Ruptur des vorderen Kreuzbandes beim Hund.
Kleintierpraxis **19**, 153-165
- PUTNAM, R.W. (1968):
Patellar luxation in the dog.
Guelph. Univ. Vet. Diss.
- RADIN, E.L., u. R.M. ROSE (1986):
Role of subchondral bone in the initiation and progression of cartilage damage.
Clin. Orthop. **213**, 34
- RADIN, E.L., u. I.L. PAUL (1970):
Does cartilage reduce skeletal impact loads? The relative forceattenuating properties of articular cartilage, synovial fluid periarticular soft tissues and bone.
Arthr. Rheum. **13**, 139

- RALPHS, J.R., u. M. BENJAMIN (1994):
The joint capsule: Structure, composition, ageing and disease.
J. Anat. **184**, 503
- RATCLIFFE, A., SHURETY, W., u. B. CATERSON (1993):
The quantification of a native chondroitin sulfate epitope in synovial fluid lavages and articular cartilage from canine experimental osteoarthritis and disc atrophy.
Arthr. Rheum. **36**, 543-549
- READ, R.A., ARMSTRONG, S.J., O'KEEFE, L., u. C.E. EGER (1990):
Fragmentation of the medial coronoid process of the ulna in dogs.
A study of 109 cases.
J. Small. Anim. Pract. **31**, 330-334
- READ, R.A. (1993):
Osteochondrosis and elbow arthrosis in young dogs: incidence, diagnosis and management.
Waltham International Focus **3** (2), 2-10
- READ, R.A. (1994):
Successful treatment of congenital shoulder luxation in a dog by closed pinning.
Vet. Comp. Orthop. Traumatol. **7**, 170-172
- RICHTER, A. (1997):
Magnetresonanztomographische Untersuchung des Kniegelenkes beim Hund und retrospektive Untersuchung von modifizierten Kreuzbandplastiken nach FLO.
Vet. Med. Diss., Berlin
- ROBERTS, R.E. (1983):
Radiographic examination of the musculoskeletal system.
Vet. Clin. North Am. Small Anim. Pract. **13**, 19-21
- ROBINS, G.M., DINGWALL, J.S., u. G. SUMNER-SMITH (1973):
The plating of pelvic fractures in the dog.
Vet. Rec. **93**, 550
- ROBINS, G.M. (1980):
Some aspects of the radiographical examination of the canine elbow joint.
J. Small Anim. Pract. **21**, 417
- ROBINSON, R. (1992):
Legg-Calvé-Perthes disease in dogs.
J. Small Anim. Pract. **33** (6), 275-276
- ROPERTO, F., PAPPARELLA, S., u. A. CORVACE (1992):
Legg-Calvé-Perthes disease in dogs: histological and ultrastructural investigations.
J. Am. Anim. Hosp. Assoc. **28**, 156-162
- RØRVIK, A.M., u. M. GRØNDAHL (1995):
Markers of osteoarthritis: a review of the literature.
Vet. Surg. **24**, 255-262
- ROUSH, J.K. (1993):
Canine patellar luxation.
Vet. Clin. North Am. Small Anim. Pract. **23**, 855-868

- ROY, R.G., WALLACE, L.J., u. G.R. OHNSTON (1992):
A retrospective evaluation of stifle osteoarthritis in dogs with bilateral medial patellar luxation and unilateral surgical repair.
Vet. Surg. **21**, 475-479
- RUDD, R.G., WHITEHAIR, J.G., u. J.H. MARGOLIS (1990):
Results of management of osteochondrosis dissecans of the humeral head in dogs: 44 cases (1982-1987).
J. Am. Anim. Hosp. Assoc. **26**, 1273-177
- SANDY, J.D., PLAAS, A.H.K., u. L. ROSENBERG (1997):
Structure, function, and metabolism of cartilage proteoglycans.
In: KOOPMANN, W.PJ.: Arthritis and Allied Conditions, ed 13.
Baltimore, Williams and Wilkins, 229
- SAXNE, T., LECANDER, J., u. P. GEBOREK (1993):
Plasminogen activators and plasminogen activator inhibitors in synovial fluid.
Difference between inflammatory joint disorders and osteoarthritis.
J. Rheum. **20**, 91-96
- SAWYER T. (1963):
Synovial fluid analysis of canine joints.
J. Am. Vet. Med. Assoc. **143**, 603-612
- SCHAEFFER, I.G.F., WOLVEKAMP, P., MEIJ, B.P., THEIJSE, L.F.H., u. H.A.W. HAZEWINDEL (1999):
Traumatic luxation of the elbow in 31 dogs.
Vet. Comp. Orthop. Traumatol. **12**, 33-39
- SCHAWALDER, P. (1990):
Osteochondrosekomplex am Ellenbogengelenk.
In: 21. Jahresvers. der Schweiz. Vereinig. Kleintiermed.
Biel, 10.-12.05.1990
- SCHEBITZ, H., BRUNNBERG, L., VOLLMERHAUS, B., WAIBL, H., u. B. BECK (1976):
Zur Versorgung der Frakturen am Kondylus humeri des Hundes.
Berl. Münch. Tierärztl. Wochenschr. **89**, 382-386
- SCHEBITZ, H., MATIS, U., u. L. BRUNNBERG (1985):
Zugang zur Tuberositas tibiae und zur Patella von kranial.
In: H. SCHEBITZ u. W. BRASS: Operationen an Hund und Katze.
Berlin, Hamburg, Parey Verlag, 412-413
- SCHIMKE, E., u. S. PAATSAMA (1993):
Kniegelenk.
In: U. FREUDINGER, GRÜNBAUM, E.G. u. E. SCHIMKE (Hrsg.):
Klinik der Hundekrankheiten. 2. Aufl.
Verlag Fischer, Stuttgart, Teil II, S. 840-847
- SCHILLER, J., ARNOLD, J., SONNTAG, K., u. K. ARNOLD (1996):
NMR studies on human, pathologically changed synovial fluids role of hyalochoric acid.
Magn. Reson. Med. **35**, 848-853

- SCHMIDT, R.E., u. H. BURKHARDT (2001):
Biomechanische Eigenschaften von Bindegeweben.
In: SIEGENTHALER, W.: Klinische Pathophysiologie.
Thieme Verlag, 8. Aufl., Kap. 35, 978-990
- SCHROEDER, M. (1978):
Beitrag zur Entwicklung des Skelettes der Vordergliedmaße beim Deutschen Schäferhund.
Vet. Med. Diss., München
- SCHÜNKE, M (2001):
Diarthrosen, Topographie und Funktion des Bewegungssystems.
Thieme Verlag, 1. Aufl., Kap. 3, 999-1012
- SCHULZ, L.C., u. K. DÄMMRICH (1991):
Gelenke.
In: SCHULZ, L.C.: Pathologie der Haustiere. Teil I Organveränderungen.
Gustav-Fischer Verlag, Jena, 748-750
- SCHULZE-SCHLEITHOFF, B., u. K. DÄMMRICH (1982):
Rasseabhängiges Vorkommen von Skeletterkrankungen bei Hunden.
EFFEM-Forschung für Kleintiernahrung Report **15**, 1-9
- SCHWARZ, J. (1989):
Genetisch-statistische Analyse der Hüftgelenksdysplasie beim Deutschen Schäferhund.
Vet. Med. Diss., München
- SCOTT, L., RUSSEL, G.J., NIXON, N.B., DAWES, P.T., u. D.L. MATTEY (1999):
Oxidation of alpha 1-proteinase inhibitor by the myeloperoxidase-hydrogen peroxidase system
promotes binding to immunoglobulin A.
Biochem. Biophys. Research Commun. **24**, 255 (3), 562-567
- SIMKIN, P.A. (1997):
Synovial physiology.
In: KOOPMANN, W.P.J.: Arthritis and Allied Conditions, ed 13.
Baltimore, Williams & Wilkins, 193
- SINGLETON, W.B. (1969):
The surgical correction of the stifle deformities in the dog.
J. Small Anim. Pract. **10**, 59-69
- SJÖSTROM, L., KÄSSTROM, A., u. M. KÄLLBERG (1995):
Ununited anconeal process in the dog. Pathogenesis and treatment by osteotomy of the ulna.
Vet. Comp. Orthop. Traum. **8**, 170
- SNAPS, F.R., BALLIGAND, J.H., SAUNDERS, R.D., PARK, R.D., u. R.F. DONDELINGER
(1997):
Comparison of radiography, magnetic resonance imaging, and surgical findings in dogs with elbow
dysplasia.
Am. J. Vet. Res. **58**, 1367-1370
- SOREN, A. (1993):
Arthritis and related affections, clinic, pathology and treatment.
Berlin, Springer, VII, 312-310

- SPRENG, D., SIGRIST, N., u. A. BUSATO (1999):
Stromelysin activity in canine cranial cruciate ligament rupture.
Vet. Comp. Orthop. Traum. **12**, 159-165
- SPRENG, D., SIGRIST, N., u. T. JUNGI (2000):
Nitric oxide production by canine cranial cruciate ligament rupture.
Am. J. Vet. Assoc. **61**, 530-536
- STEVENS, D.R., u. R.D. SANDE (1974):
An elbow dysplasia syndrome in the dog.
J. Am. Vet. Med. Assoc. **165**, 1065-1069
- STOCKWELL, R.A. (1979):
Biology of cartilage cells.
Vol 7. London, Cambridge University Press
- STRAW, R.C. (1990):
Repair of scapula fractures.
In: BOJORAB, M.J.: Current Techniques in Small Animal Surgery.
3. Aufl., Verlag Lea u. Febinger, Philadelphia, 736-740
- STRØM, H., ALEXANDERSEN, S., POULSEN, O.M., u. J. HAU (1989):
Synovial fluid proteins in degenerative joint diseases in dogs.
Vet. Immunol. and Immunopath. **22**, 187-196
- STRYER, L. (1996):
Struktur und Funktion der Proteine.
In: STRYER, L.: Biochemie.
Spektrum, Heidelberg, 4. Aufl., 18-41
- SWOBODA, B., PULLIG, O., KLADNY, B., PFANDER, D., u. G. WESELOH (1999):
Collagen type VI content in healthy and arthritis knee joint cartilage.
Z. Orthop. **137**, 540-544
- TASKIRAN, D., STEFANOVIC-RACIC, M., u. H. GEORGESCU (1994):
Nitric oxide mediates suppression of cartilage proteoglycan synthesis by interleukin-1
Biochem. Biophys. Res. Comm. **200**, 142-148
- TOMLINSON, J. (1996):
Symposium on canine hip dysplasia: surgical management.
Vet. Med. **91**, 117-143
- TORSTEINSDOTTIR, I., HAKANSSON, L., HÄLLGREN, R., GUDBJÖRNSON, B., ARVIDSON, N.G., u. P. VENGR (1999):
Serum lysozyme: a potential marker of monocyte/macrophage activity in rheumatoid arthritis.
Rheum. **38**, 1249-1254
- TURNER, B.M., ABERCROMBY, R.H., INNES, J., McKEE, W.M., u. M.G. NESS (1998):
Dynamic proximal ulna osteotomy for treatment of ununited anconeal process in 17 dogs.
Vet. Comp. Orthop. Traum. **11**, 76-79
- VAN BREE, H., DEGRYSE, H. u. B. VAN RYSSEN (1993):
Pathologic correlations with magnetic resonance images of osteoarthritis lesions in canine shoulder.
J. Am. Vet. Med. Assoc. **202**, 1099

- VAN BREE, H. (1995):
Imaging the canine elbow: Radiography, computed tomography, and arthroscopy.
Vet. Annual **35**, 118
- VAN HERPEN, H. (1988):
Anatomy and development of the elbow joint.
Tijdschr. Diergeneesk. **113** (1), 38-41
- VAN RYSSEN, B., VAN BREE, H., u. P. VYT (1993):
Arthroscopy of the shoulder joint in the dog.
J. Am. Anim. Hosp. Assoc. **29**, 101-105
- VAN SICKLE, D.C. (1975):
Selected orthopedic problems in the Growing dog.
J. Am. Anim. Hosp. Assoc. **29**, 31
- VAUGHAN, L.C. (1967):
Dislocation of the shoulder joint in the dog and cat.
Vet. Rec. **70**, 591-592
- VAUGHAN, L.C., u. D.G. JONES (1968):
Osteochondritis dissecans of the head of the humerus in dogs.
J. Small Anim. Prac. **9** (6), 283-294
- VASSEUR, P.B. (1983):
Clinical results of surgical correction of shoulder luxation in dogs.
J. Am. Vet. Med. Assoc. **182**, 503-505
- VIEHMANN, B. (1998):
Zur Diagnostik der Ellenbogengelenksdysplasie beim Hund:
Standartröntgen, Feinfokusröntgen und computergestützte Auswertung.
Vet. Med. Diss. Berlin
- VON KRIEGSHEIM, A. (2001):
Eine retrospektive Studie über Gelenksluxationen der Gliedmaßen bei Hund und Katze.
Vet. Med. Diss. Berlin
- WARREN S. (1935):
The significance of cellular variations occurring in normal synovial fluid.
Am. J. Path. **11**, 953-968
- WEISS, S.J. (1989):
Tissue destruction by neutrophiles.
New England, J. Med. **320**, 365-371
- WEISS, S. (1996):
Die Bedeutung von Knorpelkanälen für die Entstehung der Osteochondrose beim Hund.
Vet. Med. Diss., Giessen
- WHITEHAIR, J. G., VASSEUR, P.B., u. N.H. WILLITS (1993):
Epidemiology of cranial cruciate ligament rupture in dogs.
J. Am. Vet. Med. Assoc. **203**, 1016-1019

- WIDMER, W.R. BUCKWALTER, K.A., u. E. M. BRAUNSTEIN (1991):
Principles of magnetic resonance imaging and applications to the stifle joint in dogs.
J. Am. Vet. Med. Assoc. **198**, 1914
- WINDISCH, E. (1983):
Genetisch-statistische Analyse der Hüftgelenksdysplasie beim Hovawart und beim Boxer.
Vet. Med. Diss., München
- WILLIAMS, D.J., VANDENBERG, P., u. D.J PROCKOP (1997):
Collagen and elastin.
In: KELLY W.N., Harris E.D. u. S. Ruddy.
Textbook of Rheumatology, ed 5. Philadelphia, W.B. Saunders, 23
- WIND, A.P. (1986):
Elbow incongruity and developmental elbow diseases in the dog. Part I.
J. Am. Anim. Hosp. Ass. **22**, 711
- WINHART, S. (1991):
Zur Fraktur des Processus coronoideus medialis ulnae beim Hund.
Vet. Med. Diss., München
- WÖLK, U. (2001):
Untersuchung zum Kollagenverteilungsmuster in degenerativ veränderten Gelenken.
Vet. Med. Diss., Berlin
- YARBROUGH, J.B., SNYDER, J.R., HARMON, F.A., u. K.A. O'CONNEL (1994):
Evaluation of myeloperoxidase concentrations in experimentally induced equine colonic ischaemia and reperfusion.
Equine Vet. J. **26**, 67-69
- ZAFARULLAH, M., PELLETIER, J.P., CLOUTIER, J.M., u. J. MARTELL-PELLETIER (1993):
Evaluation metalloproteinase and tissue inhibitor of metalloproteinase mRNA in human osteoarthritic synovia.
J. Rheum. **20**, 693-697
- ZAHM, H. (1964):
Die Ligamenta decussata im gesunden und arthrotischen Kniegelenk des Hundes.
Vet. Med. Diss., München
- ZEDLER, W., KÖSTLIN, R.G., u. A. SCHNEPF (1978):
Zur Frage der sekundären Arthropathia deformans nach Hüftgelenksdysplasie beim Hund.
Tierärztliche Umschau, **33**, 370