

JOSHUA MILGRAM
CURRICULUM VITAE

1. HIGHER EDUCATION

1985-1987 – BSc. (Majors in Botany and Zoology) University of the Witwatersrand, Johannesburg, South Africa.

1987-1992 – BVSc.* Onderstepoort, University of Pretoria, South Africa.

1994 – Surgery Internship, Veterinary Teaching Hospital, University of Pretoria. Onderstepoort, South Africa.

1994-1996 – BVSc. (Hons)** Onderstepoort, University of Pretoria, South Africa.

1998-2001– Surgical Residency, Department of Small Animal Surgery, Veterinary Teaching Hospital, Koret School of Veterinary Medicine, Israel.

2005 – Certified as a Specialist in Small Animal Surgery, Israeli Veterinary Services.

2005 – Diplomate of the European College of Veterinary Surgeons (Dipl. ECVS).

* In 1987 final year BSc and first year BVSc. were done concurrently.

** BVSc. (Hons) is a 3-year post-graduate program, mandatory for veterinarians wishing to specialize in South Africa. It is usually done concurrently with a specialization, but can also be taken independently. I completed courses in small animal internal medicine, small animal surgery, radiology and anatomy to fulfill the requirements of the course.

2. APPOINTMENTS AT THE HEBREW UNIVERSITY

2005-2013 – Clinical Instructor, Small Animal and Equine Surgery, Veterinary Teaching Hospital, Koret School of Veterinary Medicine.

Oct. 2013 -PRESENT – Senior Lecturer, Small Animal Surgery, Veterinary Teaching Hospital, Koret School of Veterinary Medicine.

3. ADDITIONAL FUNCTIONS/TASKS AT THE HEBREW UNIVERSITY

2015-2017 – Final Thesis Committee, Veterinary Teaching Hospital, Koret School of Veterinary Medicine.

4. SERVICE IN OTHER ACADEMIC AND RESEARCH INSTITUTIONS

2007-2010 – Teaching Small Animal Surgery, Veterinary Nursing, Magid Institute.

2007- PRESENT – External examiner, small animal surgery, UC Dublin, Ireland

5. OTHER ACTIVITIES

A. Professional Activities in Israel

2012-2015 – Ethics Committee, Agricultural Research Organization, Volcani Center.

2000-PRESENT – Member, Israeli Veterinary Medical Association.

2000-PRESENT – Member, Israel Companion Animal Veterinary Medical Association.

B. Professional Activity Abroad

Awards

2018 – Doctor Honoris Causa. University of Agricultural Sciences and Veterinary Medicine, Cluj Napoca, Romania.

2019 – Editors choice award. Research article #36.

2019 – The Elsevier Prize for 2018 Veterinary Anaesthesia and Analgesia publications. Research article #33.

Membership in international Professional Organizations

2000-PRESENT – Member, European Society of Veterinary Orthopedics and Traumatology (ESVOT).

2000-PRESENT – Member, Veterinary Orthopedics Society (VOS).

2000-PRESENT – Member, Association for Osteosynthesis-Veterinary (AOVet).

2005-PRESENT – Member, European College of Veterinary Surgery (ECVS).

Appointments in International Professional Organizations (last 5 years)

2009-2015 – Member, Credentials Committee, European College of Veterinary Surgeons.

2015-2016 – Chair, Small Animal Credentials Committee, European College of Veterinary Surgeons.

2011-2017 – Member, Review Board, Veterinary Surgery.

2012-PRESENT – Member, Review Board, Veterinary Comparative Orthopedics and Traumatology.

Ad hoc reviewer of manuscripts in international scientific journals

- Bioelectromagnetics
- BMC Veterinary Research
- Canadian Veterinary Journal
- Israeli Journal of Veterinary Medicine
- Journal of Anatomy
- Journal of Small Animal Practice
- Veterinary Surgery
- The Veterinary Journal
- Plos 1

7. RESEARCH GRANTS

1. **2004-2005** – The Koret School Internal Fund. Passive movement of the canine carpus. **J. Milgram^{PI}**, 10,000 NIS.
2. **2005-2006** – Clinical Research Fund. The effect of tibial plateau leveling osteotomy and tibial tuberosity advancement on the passive laxity on the cranial cruciate deficient stifle joint in dogs. **J. Milgram^{PI}**, 5,000.00 NIS.
3. **2011-2012** – Davis-Koret Fund. Structural and mechanical properties of subchondral bone in weight-bearing and non-weight-bearing areas of the distal third metacarpal bone in horses. **J. Milgram^{PI}** and S. Stover^{PI}, 15,000.00/30,000.00 USD.
4. **2014-2016** – Davis-Koret Fund. Finite element analysis of the distal third metacarpal bone in horses. **J. Milgram^{PI}** and S. Stover^{PI}, 20,000.00/30,000.00 USD.
5. **2015-2017** – ECVS Research Fund. Structures contributing to the stability of the canine coxofemoral joint. **J. Milgram^{PI}**, 9,000/9,000 Euro.
6. **2019-2020** – Romanian Ministry of Research and Innovation. Individualized 3D printed implants for the treatment of dogs with cranial cruciate ligament rupture. **J. Milgram^{PI}** and C. Ober^{PI}, 10, 000.00/10,000.00 Euro
7. **2019-2020** – Winn Foundation. Targeted intra-arterial administration of tissue plasminogen activator as a treatment for feline distal aortic thromboembolism. **J. Milgram^{PI}** and S. Klainbart^{PI}, 24,950.00/24,950.00 USD
8. **2020-2022**– ECVS Surgeon in Training Research Grant. Quantification of the beneficial effect of laryngeal stenting in clinical cases of laryngeal collapse. R. Atamna^{CI} and **J. Milgram^{PI}**, 7,500.00/7,500.00 Euro

8. TEACHING AT THE HEBREW UNIVERSITY

a) Supervision of Master's and Doctoral degree students:

Master's degree students

None

Doctoral degree students

1. **2017-PRESENT** – Sentil Tendurai – Material design strategies for contact damage tolerance in ultrahard teeth materials from marine organisms. Co-supervisor: Prof. R. Shahar
2. **2020-PRESENT** – Esteban Arroyave – Characterization of structure and mechanical properties of the bone in the pectoral fin spine of the sturgeon (*Acipenser baeri*)

Final DVM thesis (year refers to year of completion of the study.)

1. **2005** – **Amnon Sharir** – Structural and functional anatomy of the neck musculature of the dog (*Canis familiaris*). Co-supervisor: Prof. R. Shahar. (Research Article #6)
2. **2006** – **Jonathan Stockman** – Passive movement of the canine carpus. Co-supervisor: Prof. R. Shahar. (Research Article #37)
3. **2007** – **Hava Naftali** – Passive cranial and caudal translations of the canine stifle. Co-supervisor: Prof. R. Shahar. (Manuscript in preparation)
4. **2008** – **Tamar Amit** – Segmental inertial properties in dogs determined by magnetic resonance imaging. Co-supervisor: Prof. R. Shahar. (Research Article #12)
5. **2008** – **Ra'aya Elia** – Retrospective evaluation of implant loosening in dogs having undergone limb-sparing surgery for osteosarcoma of the distal radius. Co-supervisor: Prof. W. Dernell.
6. **2009** – **Dan Israeli** – Morphology, architecture and biomechanics of the canine os penis. Co-supervisor: Prof. R. Shahar. (Research Article #17)
7. **2009** – **Gilad Factor** – The effect of tibial plateau leveling osteotomy and tibial tuberosity advancement on the passive laxity on the cranial cruciate deficient stifle joint in dogs. Co-supervisor: Prof. R. Shahar. (Research Article #35)
8. **2009** – **Tomer Milshtein** – The role of the antebrachio-carpal ligaments in the prevention of hyperextension of the antebrachio-carpal joint. (Research Article #16)
9. **2010** – **Shiri Herman** – Structural and mechanical properties of the distal and palmar third metacarpal subchondral bone plate in normal horses. Co-supervisor: Prof. R. Shahar.

10. **2010 – Ido Galante** – The effect of tibial tuberosity advancement and quadriceps muscle force on passive laxity of the cranial cruciate deficient stifle joint in dogs. (Submitted VCOT)
11. **2010 – Ehud Elnekave** – Release of the penile crura for the relief of tension in the repair of large urethral defects in dogs. (Research Article #42)
12. **2010 – Gil Oreff** – Ischial osteotomy for the relief of tension in the repair of large urethral defects in dogs. (Research Article #42)
13. **2010 – Eran Vardi** – Ultrasonographic evaluation of the immature canine coxofemoral joint. Co-supervisor: Prof. I. Ben Itzhak. (Research Article #38)
14. **2011 – Nitai Hod** – Normograde and retrograde pinning of distal fragment in humeral fractures in the dog. (Research Article #18)
15. **2011 – Noa Oren** – Translation of the tibial plateau during passive flexion and extension of the canine stifle joint. (Submitted Vet Surg)
16. **2012 – Sagi Levi** – Normograde and retrograde pinning of distal fragment in humeral fractures in the dog. (Research Article #19)
17. **2011 – Yaron Meiner and Shai Vaknin** – Isometric points of the canine stifle joint. Co-supervisor: Prof. A. Shapiro.
18. **2011 – Maya Weiser** – Axial pattern flap based on a cutaneous branch of the facial artery in cats. (Research Article #15)
19. **2012 – Rotem Kaplan** – Ischial osteotomy for the relief of tension in the repair of large urethral defects in cats. (Research Article #22)
20. **2012 – Shelly Zinamon** – Ischial osteotomy for the relief of tension in the repair of large urethral defects in cats. (Research Article #22)
21. **2012 – Tal Blay** – A novel axial pattern flap for the repair of oronasal fistula in the cat.
22. **2012 – Tom Epstein** – A novel axial pattern flap for the repair of oronasal fistula in the dog.
23. **2012 – Mor Weiss** – Replacement of the thoracic esophagus in dogs: An anatomical study.
24. **2013 – Lena Portman** – The effect of carpal position on the stability of the radius. (Research Article #23)
25. **2013 – Hadas Friedland** – Passive cranial and caudal translations of the canine stifle. Co-supervisor: Dr. E. Lavy. (Submitted Vet Surg)

26. **2013 – Ortal Offir** – Retrospective evaluation of clinical cases of tibial tuberosity transposition for the treatment of rupture of the cranial cruciate ligament in dogs. Co-supervisor: Dr. E. Lavy.
27. **2013 – Liron Dishon** – Characterization of the drainage of exocrine pancreatic secretions in the dog. Co-supervisor: Dr. E. Lavy.
28. **2014 – Shahar Shati** – Pin selection for open and closed normograde pinning of the distal humerus in dogs. Co-supervisor: Dr. E. Lavy. (Research Article #25)
29. **2014 – Elizabeth Verhovski** – A description of the lymphatic flow from the oral cavity in the dog. Co-supervisor: Prof. W. Dernell.
30. **2014 – Dina Abualasal** – Retrospective evaluation of clinical cases of traumatic hip luxation treated with open reduction of the coxofemoral joint. Co-supervisor: Dr. E. Lavy.
31. **2014 – Yael Matar** – A Review of Bone and Joint Pathology in Skeletons of Grey Wolves (*Canis lupus*) in Israel. Co-supervisor: Dr Gila Kachila.
32. **2015 – Erez Dror** – Comparative anatomy of the larynx in different breeds and both sexes of the domestic cat (*Felis catus*).
33. **2015 – Iris Green** – Minimally invasive laryngeal prosthesis in brachiocephalic dogs suffering from laryngeal collapse – A cadaveric study.
34. **2015 – Mayaan Chasid** – A Retrospective study of survival rates of dogs and cats suffering from acute traumatic diaphragmatic hernia versus chronic traumatic diaphragmatic hernia after surgical repair in Israel during 2000-2011.
35. **2016 – Gal Marwitz** – Development and verification of frontal, zygomaticotemporal and major occipital nerve block techniques for analgesia of the dorsal cranium in canine craniotomies/craniectomies. (Research Article #33)
36. **2016 – Rivka Libkind** – A Retrospective study of survival rates of dogs and cats suffering from septic peritonitis.
37. **2017 – Ohad Man** – The use of low frequency electromagnetic field in accelerating bone recovery post Tibial Tuberosity Advancement.
38. **2017 – Shay Bassevitch** – The use of low frequency electromagnetic field for the treatment of osteoarthritis in dogs.
39. **2017 – Sarah Hefer** – Modified dorsal capsular prosthesis for the stabilization of the coxofemoral joint – A cadaveric study.

40. **2017 – Yael Goldman** – Structural characteristics of the cricoid cartilage in brachycephalic and non-brachycephalic dogs.
41. **2017 – Yael Keinan** – A novel technique for the repair of perineal hernia in dogs.
(Submitted Vet Surg)
42. **2018 – Anat Elkayam** – Minimally invasive technique for the replacement of medial and lateral collateral ligaments in cases of traumatic elbow luxation in cats.
43. **2018 – Yoav Adam** – The effect of perineal urethrostomy on the urethra of the cat.
44. **2019 – Shanny Goldsmith** – The effect of 2 techniques of unilateral arytenoid lateralization on air pressure in the larynx.
45. **2019– Mirit Gan El** – Two novel techniques for preputial advancement in the dog.

Supervisor of veterinary medicine students' final theses currently under preparation:

1. **2019– Roni Lombroso** – Axis of rotation of the canine elbow joint
2. **2020– Olga Skovorodko** – Use of TPA in cats with FATE
3. **2020– Denis Vardi** – Biomechanical study of techniques for the stabilization of the tibial tuberosity.

b) Post-doctoral fellows and visitors (6 months or longer):

None

c) Courses currently taught by candidate:

2002-PRESENT – Small Animal Surgery (65794); 4th year DVM Students. 8 hours/day, 12 month/year, when on clinics (40 weeks/year).

2002-PRESENT – Small Animal Surgery (Extended) (65799); 4th year DVM Students. 8 hours/day, 12 month/year, when on clinics (40 weeks/year).

2002-PRESENT – Veterinary Anatomy (65701); 1st year DVM students. 24 hours frontal teaching.

2002-PRESENT – Comparative Veterinary Anatomy (65708); 1st year DVM students. 27 hours frontal teaching.

2005-PRESENT – Small Animal Surgery (65777); 3rd year DVM students. 9 hours frontal teaching, 6 hours laboratory. Topic: Surgical Oncology.

2005-PRESENT – Small Animal Surgery (65793); 3rd year DVM students. 6 hours frontal teaching, 3 hours laboratory. Topic: Joints.

Courses previously taught by the candidate:

2003-2005 – Applied Anatomy. 3rd year DVM students.

Course coordination

2005-PRESENT – Veterinary Anatomy (65701)

2005-PRESENT – Comparative Veterinary Anatomy (65708)

Continuing education courses in The Hebrew University and Veterinary Teaching Hospital

2005 – Small Animal Surgery for Practicing Veterinarians. Topic: Introduction to Veterinary Surgery, 6 hours

2006 – Small Animal Emergency and Critical Care for Practicing Veterinarians. Topic: Laboratory: Emergency surgical procedures, 6 hours

Residency supervisor in Small Animal Surgery, European College of Veterinary Surgeons (ECVS)*

2009 – Dr. Anna Shipov DVM. Dip. ECVS. Co-supervisors: Prof. R. Shahar, Dr S Yudelevich.

2020 – Dr. Hadas Benzioni DVM. Dip. EVCS. Co-supervisors: Prof. R. Shahar, Dr S. Yudelevich.

2011 – Dr. Liat Cohen DVM. Co-supervisors: Prof. R. Shahar, Dr S. Yudelevich.

2014 – Dr. Inbar Israeli DVM. Dip. ECVS. Co-supervisors: Dr S. Yudelevich, Dr A. Shipov.

2015 – Dr. Orly Zemmer DVM. Dip. ECVS. Co-supervisors: Dr S. Yudelevich, Dr A. Shipov.

2016 – Dr. Erez Biton DVM. Dip. ECVS. Co-supervisors: Dr S. Yudelevich, Dr A. Shipov.

2018 – Dr Ciprian Ober DVM.

2019 – Dr Anastasya Kavkovsky DVM. Co-supervisors: Dr S. Yudelevich, Dr A. Shipov.

2022* –Dr Christos Yiapanis DVM.

2022* –Dr Raya Atamna DVM. Co-supervisors: Dr S. Yudelevich, Dr A. Shipov.

2023* –Dr Chen Berger DVM. Co-supervisors: Dr S. Yudelevich, Dr A. Shipov.

2024 * –Dr Nadav Yair DVM. Co-supervisors: Dr S. Yudelevich, Dr A. Shipov.

* expected year of completion of residency

CLINICAL RESPONSIBILITIES AT THE HEBREW UNIVERSITY, KORET SCHOOL OF VETERINARY MEDICINE

Admission of referral cases and work-up of small animal surgery patients.

Primary responsibility for patients hospitalized in the Surgery Department ward.

Supervision and training of surgery residents at the Veterinary Teaching Hospital.

Elective and emergency surgical procedures for small animal and equine patients.

After hours emergency service for small animal and equine patients requiring emergency surgery.

Supervision of 4th year students and interns at the Veterinary Teaching Hospital.

Management of morning rounds and tutoring of case presentations and student seminars.

LIST OF PUBLICATIONS

Key to symbols: PI, principal investigator; C, co-researcher; S, student; T, technician; R, resident or intern at the Hebrew University Veterinary Teaching Hospital. *, one of three most important publications (also, article details are in bold characters)

1. Doctoral dissertation: None

2. Books: None

3. Books edited: None

4. Chapters in collections:

1. **Milgram, J.** (2016) Urethrostomy in male dogs. *In* Complications in Small Animal Surgery. Griffon, D., Hamaide A. (eds). John Wiley & Sons. Pp 497-500
2. **Milgram, J.** (2016) Feline perineal urethrostomy. *In* Complications in Small Animal Surgery. Griffon, D., Hamaide A. (eds). John Wiley & Sons. Pp 500-505

Review articles

1. Tuohy, JL.,^{PI} **Milgram, J.**,^C Worley, DR.,^C Dernell, WS.^{PI} (2009) A review of sentinel lymph node evaluation and the need for its incorporation into veterinary oncology. Vet. Comp. Oncol. 7(2):81-91. (0.804; 65/142 (Veterinary Sciences); 27)

5. Articles in refereed journals:

Legend:

^{PI} – Principal Investigator; ^C – Co-researcher. The numbers at the end of each article denote the impact factor; ranking of the journal in its specific field; and the number of citations, excluding self-citations. *-Three key articles since appointment at the Hebrew University

Original Research Papers

1. Shahar, R.,^{PI} **Milgram, J.**^{PI} (2001) Morphometric and anatomic study of the hind limb of a dog. Am. J. Vet. Res. 62(6):928-933. (1.040; 25/128 (Veterinary Sciences); 22)

2. **Milgram, J.**,^{PI} Shahar, R.,^{PI} Levin-Harrus, T.,^C Kass, P.^C (2004) The effect of short, high intensity magnetic field pulses on the healing of skin wounds in rats. Bioelectromagnetics. 25(4):271-277. (1.243; 27/64 (Biology); 41)
3. **Milgram, J.**,^{PI} Slonim, E.,^C Kass, P.,^C Shahar, R.^{PI} (2004) A radiographic study of joint angles in standing dogs. Vet. Comp. Orthopaed. 17(2):82-90. (0.500; 71/124 (Veterinary Sciences); 14)
4. Shahar, R.,^{PI} **Milgram, J.**^{PI} (2005) Morphometric and anatomic study of the forelimb of the dog. Journal of Morphology. 263(1):107-117. (1.421; 8/15 (Anatomy and Morphology); 13)
5. Mabeesh, S.J.,^{PI} Gal-Garber, O.,^C **Milgram, J.**,^C Feuermann, Y.,^C Cohen-Zinder, M.,^C Shamay, A.^C (2005) Aminopeptidase N gene expression and abundance in caprine mammary gland is influenced by circulating plasma peptide. J. Dairy Sci. 88(6):2055-2064. (2.240; 2/43; (Agriculture, Dairy and Animal Science); 13)
6. Sharir, A.,^{PI} **Milgram, J.**,^C Shahar, R.^{PI} (2006) Structural and functional anatomy of the neck musculature of the dog (*Canis familiaris*). Journal of Anat. 208(3):331-351. (2.458; 2/15 (Anatomy and Morphology); 22)
7. Shahar, R.,^{PI} **Milgram, J.**^{PI} (2006) Biomechanics of tibial plateau leveling of the canine cruciate-deficient stifle joint: A theoretical model. Vet. Surg. 35(2):144-149. (1.121; 36/129 (Veterinary Sciences); 49)
8. Joseph, R.,^{PI} **Milgram, J.**,^{PI} Zhan, K.,^C Shahar, R.^{PI} (2006) In vitro study of the ilial anatomic landmarks for safe implant insertion in the first sacral vertebra of the intact canine sacroiliac joint. Vet. Surg. 35(6):510-517. (1.121; 36/129 (Veterinary Sciences); 9)
9. Benzioni, H.,^{PI} Shahar, R.,^C Yudelevitch, S.,^C **Milgram J.**^{PI} (2008) Bacterial infective arthritis of the coxofemoral joint in dogs with hip dysplasia. Vet. Comp. Orthopaed. 21(3):262-266. (0.862; 60/135 (Veterinary Sciences); 3)
10. Granot, N.,^{PI} **Milgram, J.**,^C Bdolah-Abram, T.,^C Shemesh, I.,^C Steinman, A.^{PI} (2008) Surgical management of sand colic impactions in horses: A retrospective study of 41 cases. Aust. Vet. J. 86(10):404-407. (0.801; 63/135 (Veterinary Sciences); 14)
11. Benzioni, H.,^{PI} Shahar, R.,^C Yudelevich, S.,^C Shipov, A.,^C **Milgram, J.**^{PI} (2009) Lateral thoracic artery axial pattern flap in cats. Vet. Surg. 38(1):112-116. (1.572; 27/142 (Veterinary Sciences); 7)
12. Amit, T.,^{PI} Gomberg, B.R.,^C **Milgram, J.**,^C Shahar, R.^{PI} (2009) Segmental inertial properties in dogs determined by magnetic resonance imaging. Vet. J. 182(1):94-99. (2.323; 6/142 (Veterinary Sciences); 14)

13. Shipov, A.,^{PI} Sharir, A.,^C Zelzer, E.,^C **Milgram, J.**,^C Monsonego-Ornan, E.,^C Shahar, R.^{PI} (2010) The influence of severe prolonged exercise restriction on the mechanical and structural properties of bone in an avian model. Vet. J. 138(2):153-160. (2.796; 5/145 (Veterinary Sciences); 31)
14. Sutton, GA.,^{PI} Ertzman-Ginsburg, R.,^{PI} Steinman, A.,^C **Milgram, J.**^{PI} (2009) Initial investigation of mortality rates and prognostic indicators in horses with colic in Israel: A retrospective study. Equine Vet. J. 41(5):482-486. (1.837; 18/142 (Veterinary Sciences); 11)
15. **Milgram, J.**,^{PI} Weiser, M.,^C Benzioni, H.,^C (2011) Axial pattern flap based on a cutaneous branch of the facial artery in cats. Vet. Surg. 40(3):347-351. (1.265; 41/145 (Veterinary Sciences); 8)
16. **Milgram, J.**,^{PI} Milshtein, T.,^C Meiner, Y.^C (2012) The role of the antebrachioacarpal ligaments in the prevention of hyperextension of the antebrachioacarpal joint. Vet. Surg. 41(2):391-399 (1.242; 51/143 (Veterinary Sciences); 7)
17. Sharir, A.,^{PI} Israeli, D.,^C **Milgram, J.**,^C Currey, JD.,^C Monsonego-Ornan, E.,^C Shahar, R.^{PI} (2011) The canine baculum: The structure and mechanical properties of an unusual bone. J. Struct. Biol. 175(3):451-456. (3.406; 107/290 (Biochemistry and Molecular Biology); 10)
18. Cohen, L.,^C Israeli, I.,^C Levi, S.,^C Benzioni, H.,^C **Milgram, J.**^{PI} (2012) Normograde and retrograde pinning of the distal fragment in feline humeral fractures. Vet. Surg. 41(5):604-610. (1.242; 51/143 (Veterinary Sciences); 1)
19. **Milgram, J.**,^{PI} Hod, N.,^C Benzioni, H.^C (2012) Normograde and retrograde pinning of the distal fragment in humeral fractures of the dog. Vet. Surg. 41(6):671-676. (1.242; 51/143 (Veterinary Sciences); 4)
20. Sharir, A.,^{PI} **Milgram, J.**,^C Dubnov-Raz, G.,^C Zelzer, E.,^{PI} Shahar, R.^{PI} (2013) A temporary decrease in mineral density in perinatal mouse long bones. Bone. 52(1):197-205. (4.461; 26/12433 (Endocrinology and Metabolism); 6)
21. Zemmer, O.,^{PI} Benzioni, H.,^C Kaplan, R.,^C Zinamon, S.,^C Kelmer, E.,^C **Milgram, J.**^{PI} (2012) Evaluation of crural release and ischial osteotomy for relief of tension in the repair of large urethral defects in male cats. Vet. Surg. 42(8): 971-978. (1.242; 51/143 (Veterinary Sciences); 0)
22. Bitton, E.,^{PI} Joseph, R.,^C Portman, L.,^C Segev, G.,^C Meiner, Y.,^C **Milgram, J.**^{PI} (2012) The effect of extension and loading of the carpus on radial rotation. Vet. Surg. 42(8): 909-917. (1.242; 51/143 (Veterinary Sciences); 5)
23. Merbl, Y.,^{PI} **Milgram, J.**,^C Moed, Y.,^C Bibring, U.,^C Peery, D.,^C Aroch, I.^{PI} (2012) Epidemiological, clinical and hematological findings in feline high rise syndrome in

Israel: A retrospective case-controlled study of 107 cats. Is. J. Vet. Med. 68(1):28-37. (0.180; 125/143 (Veterinary Sciences); 4)

24. Tatz, A.J.,^{PI} Segev, G.,^C Steinman, A.,^C Berlin, D.,^C **Milgram, J.**,^C Kelmer, G.^{PI} (2012) Surgical treatment for acute small intestinal obstruction caused by *Parascaris equorum* infection in 15 horses (2002-2011). Eq. Vet. J. 44(43 Suppl):111-114. (2.286; 8/143 (Veterinary Sciences); 18)
25. Oppenheimer, N.,^{PI} Klainbart, S.,^C Merbl Y.,^C Bruchim, Y.,^C **Milgram, J.**,^C Kelmer, E.^{PI} (2012) Retrospective evaluation of the use of autologous blood-patch treatment for persistent pneumothorax in 8 dogs. J. Vet. Emerg. Crit. Care. 24(2): 215-220. (1.528; 33/143 (Veterinary Science); 2)

Since appointment as senior lecturer

26. Shipov, A.,^{PI} Kelmer, G.,^C Lavy, E.,^C **Milgram, J.**,^C Aroch, I.,^C Segev, G.^{PI} (2015) Long-term outcome of transendoscopic oesophageal mass ablation in dogs with *Spirocerca lupi*-associated oesophageal sarcoma. Vet Rec. 177(14): 365-365. (1.741; 23/138 (Veterinary Sciences); 4)
27. Shipov, A.,^{PI} Israeli, I.,^C Weiser, M.,^C Kelmer, E.,^C Klainbart, S.,^C **Milgram, J.**^{PI} (2015) Minimally invasive unilateral arytenoid lateralization in dogs: A cadaveric study. Res in Vet Sci. 102: 112-117. (1.504; 31/138 (Veterinary Sciences); 2)
28. Shipov, A.,^{PI} Biton, E.,^C Shati, S.,^C Joseph, R.,^C **Milgram, J.**^{PI} (2015) Pin Size Selection for normograde intramedullary pinning of distal humeral fractures in the Dog. Vet Surg. 44(5): 565-570. (1.295; 37/138 (Veterinary Sciences); 3)
29. Atkins, A.,^{PI} **Milgram, J.**,^C Weiner, S.,^C Shahar, R.^{PI} (2015) The response of anosteocytic bone to controlled loading. J of Exp Biol 218(22): 3559-3569. (2.914; 17/86 (Biology); 13)
30. Chai, O.,^{PI} Peery, D.,^C Bdolah-Abram, T.,^C Moscovich, E.,^C Kelmer, E.,^C Klainbart, S.,^C **Milgram, J.**,^C and Shamir, M.H.^{PI} (2017) Computed tomographic findings in dogs with head trauma and development of a novel prognostic computed tomography-based scoring system. Am J Vet Res 78(9): 1085-1090. (0.833; 83/140 (Veterinary Sciences); 2)
31. Rodriguez, F. S. R.,^{PI} Buckley, C.T.,^C **Milgram, J.**,^C and Kirby B. M.^{PI} (2018) Biomechanical properties of feline ventral abdominal wall and celiotomy closure techniques. Vet Surg 47(2): 193-203. (1.044; 67/141 (Veterinary Sciences); 4)
32. Shipov, A.,^{PI} **Milgram, J.**,^C Shalev, N.,^C Aroch, I.,^C Segev, G.^{PI} (2018) Changes in D-dimer concentration after soft tissue and orthopedic surgery in dogs. Vet Surg 47(3): 406-411. (1.044; 67/141 (Veterinary Sciences); 1)

33. *Kushnir Y.,^{PI} Marwitz, G.,^C Shilo-Benjamini, Y.,^C **Milgram J.**^{PI} (2018) Description of a regional anesthesia technique for the dorsal cranium in the dog: a cadaveric study. Vet Anaesth Anal 45(5): 684-694. (1.623; 37/141 (Veterinary Sciences); 1)
34. Alwen S. G. J.,^{PI} Kapatkin A. S.,^{PI} Garcia T. C.,^C **Milgram, J.**,^C Stover S. M.^{PI} (2018) Open Screw Placement in a 1.5 mm LCP Over a Fracture Gap Decreases Fatigue Life. Frontiers Vet Sci 5: 89 (2.029; 18/141 (Veterinary Sciences); 0)
35. Lerman, O.,^{PI} Israeli, I.,^C Weingram, T.,^C Benzioni-Bar, H.,^C **Milgram, J.**,^C and Shipov, A.^{PI} (2018) Acute mesenteric ischemia-like syndrome associated with suspected *S.lupi* aberrant migration in dogs. J Vet Emerg Crit Care 29(6): 668-673. (1.994; 55/141 (Veterinary Sciences); 0)
36. *Ober, C.A.,^{PI} Factor, G.,^C Meiner, Y.,^C Segev, G.,^C Shipov, A.,^C **Milgram, J.**^{PI} (2019) Influence of tibial plateau leveling osteotomy and tibial tuberosity advancement on passive laxity of the cranial cruciate deficient stifle in dogs. Vet Surg 48(3): 401-407. (1.044; 67/141 (Veterinary Sciences); 1)
37. **Milgram, J.**,^{PI} Stockman, J.,^C Segev, G.,^C Meiner, Y.,^C Shipov, A.^{PI} (2019) The contribution of the palmar radiocarpal and ulnocarpal ligaments to the stability of the canine antebrachiocarpal joint. Vet Comp Ortho Traumatol 32(4): 305-313. (0.810; 84/141 (Veterinary Sciences); 0)
38. Shipov, A.,^{PI} Vardi, E.,^C Yudelevitch, S.,^C **Milgram, J.**^{PI} (2019) Ultrasonographic evaluation of the immature canine coxo-femoral joint. Isr Vet J 74(2): 67-73. (0.288; 119/141 (Veterinary Sciences); 0)
39. ***Milgram, J.**,^{PI} Yas-Natan, E.,^C Benzioni, H.,^C Anna Shipov, A.^{PI} (2019) A proposed technique for one step preputial reconstruction in the dog. JSAP 60: 739-745. (1.255; 51/141 (Veterinary Sciences); 0)
40. Bitton, E.,^C Keinan, Y.,^{PI} Shipov, A.,^C Joseph, R.,^C **Milgram, J.**^{PI} (2020) Use of the superficial gluteal muscle for the repair of ventral perineal hernia in dogs. A cadaveric study and case report. Vet Surg (1.044; 67/141 (Veterinary Sciences)) Accepted
41. Ziv, E.,^{PI} **Milgram, J.**,^{CI} Davis, J.,^{CI} Soares, A.,^{CI} Wilde, F.,^{CI} Zaslansky, P.,^C Shahar, R.^{PI} (2020) Neither cortical nor trabecular: An unusual type of bone in the heavy-load-bearing lower pharyngeal jaw of the black drum (*Pogonias cromis*). Acta Biomaterialia 104: 739-745. (6.638; 7/80 (Engineering, Biomedical); 0)
42. Rodriguez F. S. R.,^{PI} **Milgram, J.**,^C Kirby, B.M.^{PI} (2020) Bursting strength evaluation of cranial and caudal ventral midline celiotomies closed with two suture techniques in domestic cats. Frontiers Vet Sci 7:206 (2.029; 18/141 (Veterinary Sciences); 0)

43. Martin, S. A.,^{PI} Kirby, B. M.,^C Kelly G.,^C Gilchrist, M. D.,^C Milgram, J.^{PI} (2020) Force distribution in the canine proximal radio-ulnar joint on extension of the carpal joint: A cadaveric study. Vet Comp Ortho Traumatol (0.810; 84/141 (Veterinary Sciences); 0) Accepted

Papers with decisions pending

- a. Atamna, R.,^{PI} Bitton, E.,^C Shemtov, Y.,^C Segev, G.,^C Shipov, A.,^C **Milgram, J.**^{PI} (2020) The effect of the interosseous ligament and selected antebrachio-carpal ligaments on rotation of the radius during extension of the carpus. Vet Surg (1.044; 67/141 (Veterinary Sciences))
- b. Yiapanis, C.,^{PI} Atamna R.,^C Gan El, M.,^{PI} Shipov, A.,^{CI} Chochlios, T.,^{CI} **Milgram, J.**^{PI} (2020) Quantification of modified techniques for preputial advancement in the dog. A cadaveric study. Vet Surg (1.044; 67/141 (Veterinary Sciences))
- c. Shipov, A.,^{PI} Lenchner I.,^{CI} Segev, G.,^{CI} **Milgram, J.**,^{CI} Libkind R.,^{CI} Bruchim, Y.^{PI} (2020) Septic peritonitis: A retrospective study and risk factors analysis in 82 dogs. Vet Surg (1.044; 67/141 (Veterinary Sciences))
- d. Martin, S. A.,^{PI} Kirby, B. M.,^{CI} Gilchrist, M. D.,^{CI} **Milgram, J.**^{PI} (2020) Evaluation of three strategies for the reduction of load between the radial head and medial coronoid process. Vet Surg (1.044; 67/141 (Veterinary Sciences))

Case Reports and Small Case Series

1. Shipov, A.,^{PI} Shahar, R.,^C Joseph, R.,^C **Milgram, J.**^{PI} (2008) Successful management of bilateral patellar tendon rupture in a dog Vet. Comp. Orthopaed. 21(2):181-184. (0.862; 60/141 (Veterinary Sciences); 14)
2. Aharonson-Raz, K.,^{PI} **Milgram, J.**,^{PI} Chai O,^C Sutton GA.^{PI} (2009) Fibrosis of the masseter leading to trismus and dysphagia in a mare. Vet. Rec. 164(19):597-598. (1.504; 32/141 (Veterinary Sciences); 1)
3. Cohen, L.,^{PI} Dank, G.,^C **Milgram, J.**^{PI} (2010) Non-skeletal multicentric chondrosarcoma in the hind limb of a dog. J. Small Anim. Pract. 51(10):553-557. (1.173; 48/141; 1)
4. Zemer, O.,^{PI} Cohen, L.,^C Dank, G.,^C Epstein, A.,^C **Milgram, J.**^{PI} (2012) Caudal partial scapulectomy for the treatment of an osteosarcoma in a dog. Is. J. Vet. Med. 67(4):268-271. (0.180; 125/141 (Veterinary Sciences); 0)

5. Zemmer, O.,^{PI} Brenner, O.,^C Ginsburg, R.,^C Cohen, L.,^C **Milgram, J.**^{PI} (2013) Intrathoracic pseudocyst in a kitten. J. Fel. Med. Surg. 15(4): 345-348. (1.219; 43/141 (Veterinary Sciences); 1)

Since appointment as senior lecturer

6. Joseph, R.,^{PI} Ohad, D.,^C Dank, G.,^C Blum, S.,^C **Milgram, J.**^{PI} (2014) Heart Base Abscess Caused by *Prevotella oralis* in a Dog. Is J Vet Med 69(4): 24-28. (0.350; 108/141 (Veterinary Sciences); 1)
7. Zafrany, A.,^{PI} Ben-Oz, J.,^C Segev, G.,^C **Milgram, J.**,^C Zemer, O.,^C Jensen, H. E.,^C Kelmer, E.^{PI} (2014) Successful treatment of an intra-pelvic fungal pseudomycetoma causing constipation and hypercalcaemia in a Persian cat. J Fel Med Surg 16(4): 369-372. (1.156; 51/141 (Veterinary Sciences); 1)
8. Chai, O.,^{PI} **Milgram, J.**,^C Shamir, M. H.,^C Brenner, O.^{PI} (2015) Polioencephalomyelopathy in a mixed breed dog resembling Leigh's disease. Can Vet J- Rev Vet Can 56(1): 59-62. (0.639; 90/141 (Veterinary Sciences); 1)
9. Ober, C. A.,^{PI} Pestean, C. P.,^C Bel, L. V.,^C Taulescu, M.,^C Catoi, C.,^C Bogdan, S.,^C **Milgram, J.**,^C Schwarz G.,^C Oana. L. I.^{PI} (2016) Vaginal prolapse with urinary bladder incarceration and consecutive irreducible rectal prolapse in a dog. Acta Vet Scand 58: 54. (1.472; 37/141 (Veterinary Sciences); 0)
10. Ober, C.,^{PI} Pestean, C.,^C Bel, L.,^C Taulescu, M.,^C **Milgram, J.**,^C Todor, A.,^C Ungur, R.,^C Lesu, M.,^C Oana, L.^{PI} (2018) Use of clinical and computed tomography findings to assess long-term unsatisfactory outcome after femoral head and neck ostectomy in four large breed dogs. Acta Vet Scand 60: 28. (1.509; 42/141 (Veterinary Sciences); 1)
11. Ober, C.A.,^{PI} Chai, O.,^C **Milgram, J.**,^C Pestean, CP.,^C Danciu, C.,^C Soare, T.,^C Oana, L.I.,^C Taulescu, M.^C (2018) Meningioma in cervical spinal cord segment 6 of a dog - a case report Acta Vet Brno 87(3): 225-228. (0.486; 106/141 (Veterinary Sciences); 0)
12. Ober, C.A.,^{PI} **Milgram, J.**,^C McCartney, W.,^C Taulescu, M.,^C Pestean, C.P.,^C Melega, I.,^C Oana, L.I.^C (2019) Evaluation of a Genicular axial pattern flap to repair large cutaneous tibial defects in two dogs. BMC Vet Res 15: 158. (1.792; 32/141 (Veterinary Sciences); 1)
13. Elefterescu, H.,^{PI} Ober, C. A.,^{CI} Timen, A.,^{CI} Yiapanis, C.,^{CI} McCartney, W.,^{CI} **Milgram, J.**^{PI} (2020) The use of sixty degree rotation of the acetabulum for treatment of dogs with canine hip dysplasia. A short case series. Acta Vet Scand (1.509; 42/141 (Veterinary Sciences) Accepted

6. Participation in Scientific Conferences, Lectures and Other Activity:

6.1. International conferences

6.1.1. Invited lectures

1. **Milgram, J.** (2010) Pinning of the canine humerus. Presented at: The 2010 American College of Veterinary Surgeons Veterinary Symposium. Seattle, USA. October 2010. Published in: The Proceedings of the 2010 American College of Veterinary Surgeons Veterinary Symposium
2. **Milgram, J.** (2016) Cricoid cartilage morphology in normal and brachycephalic dogs. Presented at: The 15th International Symposium. Prospects for the 3rd Millennium Agriculture. Cluj-Napoca, Romania.
3. **Milgram, J.** (2017) TPLO for cranial cruciate ligament disease in dogs. Locking plate and screw fixation. Presented at: The Faculty of Veterinary Medicine, Cluj-Napoca, Romania.
4. **Milgram, J.** (2017) Bone plating in dogs and cats. Presented at: The annual meeting of the Romanian Society of Veterinary Orthopedics. Hotel New Montana, Sinaia, Romania.
5. **Milgram J.** (2017) Challenges in canine orthopedic surgery. Presented at: The annual meeting of the Romanian Society of Veterinary Orthopedics. Hotel New Montana, Sinaia, Romania.
6. **Milgram, J.** (2017) Intramedullary pinning of the fractured humerus. Presented at: The annual meeting of the Romanian Society of Veterinary Orthopedics. Hotel New Montana, Sinaia, Romania.
7. **Milgram, J.** (2017) Femoral fractures. Presented at: The annual meeting of the Romanian Society of Veterinary Orthopedics. Hotel New Montana, Sinaia, Romania.
8. **Milgram, J.** (2017) Tips and tricks when working with locking plates. Presented at: The annual meeting of the Romanian Society of Veterinary Orthopedics. Hotel New Montana, Sinaia, Romania.
9. **Milgram J.** (2018) The use of linear external fixators in long bone fractures in dogs. Presented at: The annual meeting of the Romanian Society of Veterinary Orthopedics. Hotel New Montana, Sinaia, Romania.
10. **Milgram, J.** (2018) Intraarticular fracture repair. Presented at: The annual meeting of the Romanian Society of Veterinary Orthopedics. Hotel New Montana, Sinaia, Romania.

11. **Milgram, J.** (2018) Fractures of the patella and repair of ruptured patella tendon in dogs. Presented at: The annual meeting of the Romanian Society of Veterinary Orthopedics. Hotel New Montana, Sinaia, Romania.
12. **Milgram, J.** (2018) Challenging cases and complications in small animal orthopedic surgery. Presented at: The annual meeting of the Romanian Society of Veterinary Orthopedics. Hotel New Montana, Sinaia, Romania.
13. **Milgram, J.** (2018) Fracture repair in toy breed dogs. Presented at: The annual meeting of the Romanian Society of Veterinary Orthopedics. Hotel New Montana, Sinaia, Romania.
14. **Milgram, J.** (2018) Discussant for abstract. Bird, G., Glyde, M., Hosgood, G., Hayes, A. Biomechanical Comparison of 2.0mm LCP and 2.0mm LCP Notched Head T Plate in a Synthetic Distal Radius Fracture Model. Presented at the 27th annual meeting of the European College of Veterinary Surgeons (ECVS).
15. **Milgram, J.** (2018) Repair of comminuted humeral fractures. Presented at: The 13th annual meeting of the Turkish Small Animal Veterinary Association. Istanbul.
16. **Milgram, J.** (2018) Surgical treatment of dogs with brachycephalic syndrome. Presented at: The 13th annual meeting of the Turkish Small Animal Veterinary Association. Istanbul.
17. **Milgram, J.** (2018) A novel stent for the treatment of laryngeal collapse. Presented at: The 17th International Symposium. Prospects for the 3rd Millennium Agriculture. Cluj-Napoca, Romania.
18. **Milgram, J.** (2019) A novel stent for the treatment of laryngeal collapse. Presented at: UC Dublin Veterinary Hospital Congress. Dublin. Ireland.
19. **Milgram, J.** (2019) Discussant for abstract. Chu, K. Ex-vivo comparison of leakage pressure and leakage location using a novel technique for creation of a functional side-to-side small intestinal anastomoses of canine tissues. Presented at the 28th annual meeting of the European College of Veterinary Surgeons (ECVS). Budapest. Hungary.
20. **Milgram J.** (2019) The use of linear external fixators in long bone fractures in dogs. Presented at: The annual meeting of the Greek Society of Veterinary Orthopedics. Thessaloniki. Greece.

6.1.2. Other lectures

1. Goldstein, RE., Klein, O., **Milgram, J.**, Soreq, H. (2001) Effects of short term steroid administration on acetylcholinesterase activity in healthy dogs. Presented at: The 19th Annual Congress of the American College of Veterinary Internal Medicine. Denver, USA. June 2001. Published in: J. Vet. Int. Med. 15(3):290

2. Shahar, R., **Milgram, J.** (2002) Three dimensional biomechanical model of the canine knee. Presented at: The 1st World Orthopedic Veterinary Congress. June 2002. Published in: The Proceedings of the 1st World Orthopedic Veterinary Congress. Munich, Germany.
3. **Milgram, J.**, Stockman, J., Shahar, R. (2005) The contribution of the plamar carpal ligaments to antebrachio-carpal joint stability. Presented at: The 14th European College of Veterinary Surgeons Annual Scientific Meeting. Lyon, France. July 2005. Published in: Vet. Surg. 34(3):E1-E21
4. Joseph, R., **Milgram, J.**, Shahar R. (2005) Landmarks for the accurate placement of an iliosacral screw. Presented at: Presented at: The 14th European College of Veterinary Surgeons Annual Scientific Meeting. Lyon, France. July 2005. Published in: Vet. Surg. 34(3):E1-E21
5. Shipov, A., **Milgram, J.**, Shahar, R., Ben-Itzhak, I. (2006) Ultrasonographic evaluation of the canine coxo-femoral joint. Presented at: The 15th European College of Veterinary Surgeons Annual Scientific Meeting. Seville, Spain. July 2006. Published in: Vet. Surg. 35(4):E1-E20
6. **Milgram, J.**, Kass, P., Shahar, R. (2006) The association between body mass and pelvic muscle mass in dogs. Presented at: The 15th European College of Veterinary Surgeons Annual Scientific Meeting. Seville, Spain. July 2006. Published in: Vet. Surg. 35(4):E1-E20
7. **Milgram, J.**, Naftali, C., Shahar R. (2006) Medial meniscal excursion in the cranial cruciate intact and deficient canine stifle joint. Presented at: The 13th Annual Congress of the European Society of Veterinary Orthopedics and Traumatology. July 2006. Munich, Germany. Published in: The Proceedings of the 13th ESVOT Congress.
8. **Milgram, J.**, Factor, G., Shahar R. (2007) The effect of tibial plateau leveling osteotomy and tibial tuberosity advancement on passive laxity of the cranial cruciate deficient stifle joint in dog. Presented at: The 16th European College of Veterinary Surgeons Annual Scientific Meeting. Dublin, Ireland. July 2007. Published in: Vet. Surg. 36(4):E1-E18
9. **Milgram, J.**, Shahar, R., Elia, R., Dernel, W. (2008) Retrospective evaluation of implant loosening in dogs having undergone limb-sparing surgery for osteosarcoma of the distal radius. Presented at: The 17th European College of Veterinary Surgeons Annual Scientific Meeting. Basel, Switzerland. July 2008. Published in: Vet. Surg. 37(4):E1-E19
10. Cohen, L., Shahar, R., Shapiro, R., Meiner, Y., Vaknin, S., Finkelman, N., **Milgram, J.** (2008) Passive motion of the canine stifle joint. Presented at: The 14th Annual Congress of the European Society of Veterinary Orthopedics and Traumatology. Munich, Germany. July 2008. Published in: The Proceedings of the 14th ESVOT Congress.

11. **Milgram, J.**, Shapiro, A., Meiner, Y., Vaknin, S., Shahar, R. (2009) Isometric points in the canine stifle joint. Presented at: 18th European College of Veterinary Surgeons Annual Scientific Meeting. Nantes, France. July 2009. Published in: Vet. Surg. 38(4):E1-E22
12. Cohen, L., Galante, I., Shahar, R., **Milgram, J.** (2009) The effect of TTA on the cruciate deficient stifle joint in the dog. Presented at: The 18th European College of Veterinary Surgeons Annual Scientific Meeting. Nantes, France. July 2009. Published in: Vet. Surg. 38(4):E1-E22
13. Benzioni, H., Shahar, R., **Milgram, J.** (2009) The lateral thoracic artery flap in the cat. Presented at: The 18th European College of Veterinary Surgeons Annual Scientific Meeting. July 2009. Nantes, France. Published in: Vet. Surg. 38(4):E1-E22
14. **Milgram, J.**, Cohen, L., Oreff, G., Elnekave, E., Ranen, E. (2010) Two techniques for the relief of tension in anastomosis of the canine urethra. Presented at: The 19th European College of Veterinary Surgeons Annual Scientific Meeting. Helsinki, Finland. July 2010. Published in: Vet. Surg. 39(S1):E1-E25
15. **Milgram, J.**, Hod, N., Levy, S., Benzioni, H. (2010) Pinning of the feline and canine humerus. Presented at: The 19th European College of Veterinary Surgeons Annual Scientific Meeting. Helsinki, Finland. July 2010. Published in: Vet. Surg. 39(S1):E1-E25
16. **Milgram, J.**, Weiser, M., Benzioni, H. (2011) A skin flap based on a cutaneous branch of the facial artery in the cat. Presented at: The 20th European College of Veterinary Surgeons Annual Scientific Meeting. Ghent, Belgium. July 2011. Published in: Vet. Surg. 40(4):E1-E20
17. **Milgram, J.**, Milshtein, T., Meiner, Y. (2011) The role of the antebrachioacarpal ligaments in the prevention of hyperextension of the antebrachioacarpal joint. Presented at: The 20th European College of Veterinary Surgeons Annual Scientific Meeting. Ghent, Belgium. July 2011. Published in: Vet. Surg. 40(4):E1-E20
18. **Milgram, J.**, Milshtein, T., Meiner, Y. (2011) The role of the antebrachioacarpal ligaments in the prevention of hyperextension of the antebrachioacarpal joint. Presented at: The 2011 American College of Veterinary Surgeons Veterinary Symposium. Chicago, USA. October 2011. Published in: Vet. Surg. 40(7):E17-E42
19. **Milgram, J.**, Meiner, Y., Shapiro, A. (2011) Isometric points in the canine stifle. Presented at: The 2011 American College of Veterinary Surgeons Veterinary Symposium. Chicago, USA. October 2011. Published in: Vet. Surg. 40(7):E17-E42
20. **Milgram, J.**, Stockman, J., Shahar, R. (2011) The contribution of the palmar carpal ligaments to antebrachioacarpal joint stability. Presented at: The 2011 American College of Veterinary Surgeons Veterinary Symposium. Chicago, USA. October 2011. Published in: Vet. Surg. 40(7):E17-E42

21. **Milgram, J.**, Hod, N., Levy, S., Benzioni, H. (2012) Pinning of the canine humerus. Presented at: The 16th Annual Congress of the European Society of Veterinary Orthopedics and Traumatology. Bologna, Italy. July 2012. Published in: The Proceedings of the 16th ESVOT Congress.
22. **Milgram, J.**, Bitton, E., Portman, L., Segev, G., Joseph, R. (2012) The effect of carpal extension and carpal position on indirect and direct rotation of the radius. Presented at: The 16th Annual Congress of the European Society of Veterinary Orthopedics and Traumatology. Bologna, Italy. July 2012. Published in: The Proceedings of the 16th ESVOT Congress.
23. **Milgram, J.**, Epstein, T., Benzioni, H. (2012) A novel axial pattern flap for the repair of oronasal fistula in the dog. Presented at: The 2012 American College of Veterinary Surgeons Veterinary Symposium. Washington DC, USA. October 2012. Published in: Vet. Surg. 41(7):E17-E42
24. **Milgram, J.** (2013) Modified axial pattern flap for the repair of caudal defects of the hard palate. A cadaveric study in dogs. Presented at: The 22nd European College of Veterinary Surgeons Annual Scientific Meeting. Ghent, Belgium. July 2013. Published in: Vet. Surg. 42(4):E1-E20
25. **Milgram, J.**, Epstein, T., Zemer, O. (2013) Increasing the Medial Translation of a Flap Based on the Major Palatine Artery: A Cadaveric Study in Dogs. Presented at: The 2013 American College of Veterinary Surgeons Veterinary Symposium. Washington DC, USA. October 2012. Published in: Vet. Surg. 42(7):E82-E114
26. **Milgram, J.**, Shipov, A., Israeli, I., Weiser, M. (2013) Minimally Invasive Unilateral Arytenoid Lateralization in Dogs: A Cadaveric Study Presented at: The 2013 American College of Veterinary Surgeons Veterinary Symposium. Washington DC, USA. October 2012. Published in: Vet. Surg. 42(7):E82-E114
27. **Milgram, J.**, Joseph, R., Bitton, E., Segev, G., Portman, L. (2013) The Effect of Carpal Extension and Carpal Load on Rotation of the Radius. Presented at: The 2013 American College of Veterinary Surgeons Veterinary Symposium. Washington DC, USA. October 2012. Published in: Vet. Surg. 42(7):E82-E114
28. Shipov, A., Kelmer, G., **Milgram, J.**, Aroch, I., Lavy, E., Segev, G. (2015) Successful trans-endoscopic esophageal mass ablation in dogs with *Spirocerca lupi* associated esophageal sarcoma. Presented at: The 24th European College of Veterinary Surgeons Annual Scientific Meeting. Berlin, Germany. July 2015. Published in: Vet. Surg. 44(5):E1-E20
29. **Milgram, J.**, Goldman, Y., Kirby, B.M. (2017) Morphology of the cricoid cartilage in brachycephalic dogs. Presented at: The 26th European College of Veterinary Surgeons Annual Scientific Meeting. Edinburgh United Kingdom, July 2017. Published in: Vet. Surg. 46(6):E1-E51

30. **Milgram, J.**, Shipov, A. (2017) A reverse axial pattern flap based on the superficial branch of the dorsal artery of the penis for reconstruction of the prepuce in the dog. Presented at: The 2017 American College of Veterinary Surgeons Veterinary Symposium. Indianapolis Indiana, USA. October 2017. Published in: Vet. Surg. 46(7):E1-E75
31. Atamna, R., **Milgram, J.** (2019) Effect of a cricoid stent on the rima glottidis and intraluminal laryngeal pressure in dogs. Presented at: The 2019 American College of Veterinary Surgeons Veterinary Symposium. Las Vegas, Nevada, USA. October 2019. Published in: Vet. Surg. 48: 1091-1170

6.1.3. Posters

1. **Milgram, J.**, Cohen, L., Oreff, G., Elnekave, E., Ranen, E. (2010) Two techniques for the relief of tension in anastomosis of the canine urethra. Presented at: The 2010 American College of Veterinary Surgeons Veterinary Symposium. Seattle, USA. October 2010.
2. Joseph, R., Bitton, E., Portman, L., Segev, G., **Milgram, J.** (2012) The effect of carpal extension and carpal position on indirect and direct rotation of the radius. Presented at: 21st European College of Veterinary Surgeons Annual Scientific Meeting. Barcelona, Spain. July 2012. Published in: Vet. Surg. 41(5):E1-E29
3. **Milgram, J.**, Goldsmith S. (2017) The effect of 2 techniques of unilateral arytenoid lateralization on air pressure in the larynx of the dog - A cadaveric study. Presented at: The 2017 American College of Veterinary Surgeons Veterinary Symposium. Indianapolis Indiana, USA. October 2017. Published in: Vet. Surg. 46(7):E1-E75
4. **Milgram, J.**, Goldman, Y., Kirby, B.M. (2017) Morphology of the cricoid cartilage in brachycephalic dogs. Presented at: The 2017 American College of Veterinary Surgeons Veterinary Symposium. Indianapolis Indiana, USA. October 2017. Published in: Vet. Surg. 46(7):E1-E75
5. Yiapanis, C., Shipov, A., Chochlios, T., **Milgram, J.** (2018) Two novel techniques for the advancement of the preputium of the dog. Presented at: 27th European College of Veterinary Surgeons Annual Scientific Meeting. Athens. Greece. July 2018.
6. Atamna, R.A., Kirby, B.A., Shipov, A.N. Milgram, Y.E., **Milgram, J.** (2019) The effect of a cricoid stent on the rima glottidis and intraluminal laryngeal pressure in dogs. Presented at: 28th European College of Veterinary Surgeons Annual Scientific Meeting. Budapest. Hungary. July 2019. Published in: Vet. Surg. 48: 631-684
7. Shipov, A., Israeli, I., Adam, Y., Billet, J.P., **Milgram, J.** (2019) The effect of perineal urethrostomy on the urethra of the cat. A cadaveric study. Presented at: 28th European

College of Veterinary Surgeons Annual Scientific Meeting. Budapest. Hungary. July 2019. Published in: Vet. Surg. 48: 631-684

8. **Milgram, J.**, Keinan, Y., Bitton, E., Shipov, A. (2019) Use of the superficial gluteal muscle for the repair of ventral perineal hernia in dogs: A cadaveric study and case report. Presented at: The 2019 American College of Veterinary Surgeons Veterinary Symposium. Las Vegas, Nevada, USA. October 2019. Published in: Vet. Surg. 48: 1091-1170

7. Patents:

1. **Milgram, J.**, ^{Inventor} Goldman, Y. ^{Co-inventor} A stent for overcoming brachycephalic syndrome problems in dogs with short noses. U.S. Patent Application Number: 33394/US/15/Prov filed May 11 2015.