

**CURRICULUM VITAEA
AZIN TAVAKOLI, DVM, DVSc**

**سوابق آموزشی-پژوهشی
آذین توکلی**

- دانشیار، دانشکده دامپزشکی، دانشگاه آزاد اسلامی، واحد گرمسار سال ۱۳۸۸ تا کنون

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تحصیلات:

دندانپزشکی دامپزشکی(EVDA) ، دانشگاه لوگرامبورگ (ESAVS) ، سال ۱۳۹۷-۱۳۹۹
پسادکترا، جراحی های کم تهاجمی در دامپزشکی(Post doc) ، دانشکده دامپزشکی دانشگاه تهران، سال ۱۳۸۸-۱۳۸۹
دستیاری تخصصی جراحی و هوشبری دامپزشکی(DVSc) ، دانشکده دامپزشکی دانشگاه تهران، سال ۱۳۸۱-۱۳۸۶
دکترای عمومی دامپزشکی(DVM) ، دانشکده دامپزشکی دانشگاه شیراز، سال ۱۳۷۵-۱۳۸۱

مدارک بالینی:

- مدرک دندانپزشکی در دامهای کوچک از مدرسه تحصیلات عالی دامپزشکی در اروپا (ESAVS) ، سال ۱۳۹۹
- بورد جراحی و بیهوشی دامپزشکی، از وزارت علوم، فنون ، فن آوری، سال ۱۳۸۳

جوایز و افتخارات:

بهترین کتاب تالیفی دانشگاهی از سوی وزارت فرهنگ و ارشاد اسلامی، استان سمنان، سال ۱۳۹۶
پژوهشگر برتر منطقه ۱۰ دانشگاه آزاد اسلامی استان سمنان، سال ۱۳۹۴
کتاب برگزیده تالیفی دانشگاهی در دانشگاه آزاد اسلامی منطقه ۱۰، سال ۱۳۹۲
پژوهشگر برتر دانشکده دامپزشکی دانشگاه آزاد اسلامی واحد گرمسار، سال ۱۳۹۰
رتبه اول در آزمون بورد جراحی دامپزشکی، سال ۱۳۸۳
رتبه اول در آزمون ورودی جراحی دامپزشکی، برگزیده به عنوان نخستین ورودی رزیدنت خاتم در رشته جراحی در دانشکده دامپزشکی دانشگاه تهران، سال ۱۳۸۱
فارغ التحصیل رتبه برتر از دانشکده دامپزشکی دانشگاه شیراز، سال ۱۳۸۱

کتابهای تالیفی:

جراحی های بافت نرم در دامهای کوچک، آذین توکلی، چاپ اول ۱۳۹۱، چاپ دوم ۱۳۹۶
دندانپزشکی در دامهای کوچک، آذین توکلی، ۱۳۹۹



عللیق پژوهشی:

درمانهای پیشرفته پریودنتم در دامهای کوچک

درمان پالپ زنده

درمانهای مدرن در تومورهای دهانی در دامهای کوچک

مدیریت درد و بیهوشی در بیماران دندانپزشکی در دامهای کوچک

EDUCATION

- Post Doctorate, Small Animal Laparoscopic Surgery Faculty of Veterinary Medicine, University of Tehran 2008-2009
- Residency / Doctor of Veterinary Science in Surgery (DVSc) Faculty of Veterinary Medicine, University of Tehran 2002-2007
- Doctor of Veterinary Medicine (DVM) Faculty of Veterinary Medicine, Shiraz University 1996-2002

CLINICAL SPECIALTY/BOARD CERTIFICATION

- European Certified in Small Animal Dentistry (ESAVS) 2020
- Board Certified in Veterinary Surgery and anesthesiology, Iranian Ministry of Sciences and Technology, College of Veterinary Medicine, University of Tehran 2004

PREVIOUS SABBATICAL LEAVES

- College of Veterinary Medicine, University of Minnesota, St. Paul, MN, USA Aug-Sep 2010
- College of Veterinary Medicine, Maximilian University of Munich, Munich Germany Sep 2010
- College of Veterinary Medicine, Sydney University, Sydney, Australia Aug 2007
- College of Veterinary Medicine, Auburn University, Auburn, AL, USA Apr-Sep 2006

Developed Workshops

- Periodontics in small animals, Iranian Veterinary Organization 2019
- Common oral disease in small animals, Iranian Veterinary Organization 2018
- Basics and principles of Veterinary Dentistry, Iranian Veterinary Associations 2017
- Fundamental of Veterinary orthopedics , Islamic Azad University, Garmsar Branch 2015
- Veterinary Anesthesia and analgesia, Islamic Azad University, Garmsar Branch 2015
- Periodontal disease in small animals: from A to Z, Iranian Veterinary Surgery Associations 2014
- Principles of anesthesia in small animals, Garmsar branch Islamic Azad University 2014
- Fundamentals of small animal orthopedics, Garmsar branch Islamic Azad University 2014
- Different techniques of neutering in Small Animals: Why and How? Iranian Veterinary Organization 2012
- Oral surgeries in small animals 2011

- Principles of laparoscopic surgery in Veterinary Medicine, University of Tehran 2011

ATTENDED WORKSHOPS

- Anesthesia 1, Principles and pain management 2019
-Dentistry 5, oral and maxillofacial surgeries 2018
-Dentistry 2, periodontology in small animals 2018
-Soft Tissue Surgery 2018
-Dentistry 4, Orthodontics and periodontics in small animals 2017
- Dentistry 3, Restorative dentistry in small animals 2016
-Canine dentistry 2016
-Feline Dentistry 2016
- Endodontics , endorotary 2015
- Dental extractions 2014
- Common surgeries in small animals 2013
- Small animal veterinary dentistry 2013
- Basic Principles of Veterinary Dentistry 2011
- Companion Animal Dentistry 2011
- Basic principles of laparoscopic surgery for veterinarians, Center of Excellences for Laparoscopic Training, Tehran, Iran 2010
- Pain management and veterinary dentistry I & II in small animals – online course, Royal Veterinary College 2009
- Soft tissue surgery, Australian college of veterinary Scientists Surgery Chapter, Gold Coast, Australia 2008
- Monitoring of anesthesia, University of Kerman, Iran 2006

AWARDS AND HONORS

- Best book authored, Ministry of Islamic Guidance, Semnan, Iran 2017
-Best researchers awards, Azad University 2015
-Best book authored 2013
-Best Researchers awards, Azad University, Garmsar Branch, Iran 2012
-Number one in National Board Exam of Veterinary Surgery 2006
-Number one in National Veterinary Surgery Residency Entrance Exam 2002
- Graduated with honors (DVM) from Faculty of Veterinary Medicine, Shiraz University 2002

MANUSCRIPT REVIEW FOR JOURNALS

- Issues on Biological Science and Pharmaceutical Research 2014-present
- World Journal of Medicine and Medical Science 2013-present
- Iranian Journal of Veterinary Surgery 2007-present
- Veterinary Journal of Islamic Azad University, Garmas Branch 2008-2011
- Iranian Journal of Veterinary Research 2012-present
- Iranian Journal of Veterinary Research and Technology 2011-present

BIBLIOGRAPHY:

Book Author:

Small Animal Soft tissue surgeries 2013
(The first comprehensive book in the field of small animal surgeries in Farsi)

Small Animal Dentistry 2020
(The first comprehensive book in the field of small animal surgeries in Farsi)

Publications in refereed journals:

- Moslemi Hr, Nikpasand A, **Tavakoli A.**, Sefidgar SM. Comparison of Alveolar Ridge Preservation with Autograft Cancellous Bone Transplant and PRF Following Canine Tooth Extraction in Dog. Iranian Journal of Veterinary surgery, 2020 15(1): 62-69.

- **Tavakoli A.**. Extracted teeth used as bone graft or waste? Eltiam Journal. 2020 6(1): 24-28.

- Davoodi M, Rostami A, **Tavakoli A.**, Soroori S, Rahimi A. Computed Tomographic Evaluation of Tooth Growth in Response to Diode Laser Irradiation in Rabbits. Iranian Journal of Veterinary Medicine. 2018, 4 (12): 305-312

- Pahlavan P., **Tavakoli A.**, Tramadol Vs. Meloxicam in Controlling Postoperative Pain in Dental Extractions in Cats. Iranian Journal of Veterinary Surgery, 2017 12 (1): 49-54

- Tabatabayi M., **Tavakoli A.**, Aghamohammadi B. Regenerative property of PRF used as capping material in pulpotomy in dogs. Biomedial Research, 2017 28 (10): 4634-4639.

- **Tavakoli A., Sagart AR.** Evaluation of hemosponge in promoting dental socket healing after 3 rd mandibular premolar extraction in a feline model. Brazilian Journal of Oral Sciences, 2015 14 (4).

- **Tavakoli A., Mahmoodifard M., Razavifard AR.** Paracostal endoscopic-assisted gastropexy is superior to open incisional and belt loop prophylactic gastropexy in dogs: Comparison of three techniques. Iranian Journal of Veterinary Research. 2016, 17(2): 118-123.

- Mahmoodi A., **Tavakoli A.**, Mohammadyar L. Study the effect of Simvastatin on serum levels of cortisol and creatin phosphokinase enzyme following OHE in cats. Journal of Veterinary microbiology, 2015, 10(2), 189-195.

Tavakoli A. Principles of root canal therapy in small animals. Journal of Clinical Research in Veterinary Medicine. 2015, 7(1): 53-61.

- **Tavakoli A.**, Khodadoost R. Effects of L-Carnitine supplement on serum levels of estrogen, progesterone and testosterone in feline following ovariohysterectomy, Accepted to be published in Iranian Red Crescent Medical Journal

- **Tavakoli A.**, Shafiee B., Correlation of post-operative pain and levels of creatin phosphokinase enzyme following ovariohysterectomy in cats. Iranian Journal of Veterinary Medicine. 2015, 10 (1).

- **Tavakoli A.** Emergencies in Small Animal Veterinary Dentistry. Eltiam, 2015, 2: 23-27.

- **Tavakoli A., Rajabian F.** Pulse oximetry and cardiorespiratory changes during upper gastrointestinal endoscopy in dogs. Iranian Journal of Veterinary Surgery. 2015; 10 (1): 9-15.

- **Tavakoli A.** The analgesic effects of epidural meloxicam in dogs. Iranian Journal of Veterinary Science and Technology, 2014, 6(1): 58-69

- Marjani M., **Tavakoli A.**, Tavakoli J. Comparison the analgesic effects of lidocaine, xylazine and their combination used into the epidural space in rabbits. Iranian Journal of Veterinary Surgery, 2014, 9(1): 17-22

- **Tavakoli A.**, Kazemi Mehrjerdi K., Aghaie Meibodi MH. Comparative evaluation of post operative pain using UMPS and VAS in bitches. Iranian Journal of Clinical Sciences, 2012, 6(1): 73-84.

- **Tavakoli A.**, Shaban nia L., Mohammadyar L. Comparison the Efficacy of Meloxicam and Ketoprofen in Alleviating Pain Following Ovariectomy in Rats. Iranian Journal of Veterinary Surgery 2012, 7 (1,2): 49-55.

- Mortaz SS., Davati A., Khan Ahmadloo M., Taheri HR., Golfam F., **Tavakoli A.**, Khalaj AR. Evaluation of Patency of Arteriovenous Fistula and Its Relative Complications in Diabetic Patients. Urology Journal 2013, 10 (2):894-897

- **Tavakoli A.**, Kazemi Mehrjerdi H. Addition of Metoclopramide or Tramadol on Analgesic Effects of Lidocaine in Epidural Analgesia in Rabbit. Iranian Journal of Veterinary Research and Technology 2011, 3 (2): 139-142.

- **Tavakoli A.**, Bakhtiari J., Khalaj AR., Veshkini A. Histopathologic evaluation of single-layer versus two-layer laparoscopic side to side hand sewn gastrojejunal anastomoses in the canine model. Journal of the Society of Laparoendoscopic Surgeons 2011, 14: 509-511.

- Bakhtiari J., Kajbafzadeh A., Marjani M., Veshkini A., **Tavakoli A.**, Niasari A. Surgical Induction of Vesicoureteral Reflux and Endoscopic Treatment with Calcium Hydroxyl Apatite in Dogs. Biomedcentral Research Notes 2011, 4: 14-18.

- Abdi M., Bakhtiari J., **Tavakoli A.**, Golfam F., Bahonar A. Fecal fat and body weight changes following Roux-en-Y and Jejunal loop interposition reconstructive technique in gastrectomized dogs. Iranian Journal of Veterinary Research 2011, 12(1): 61-66.
- Bakhtiari J., **Tavakoli A.**, Khalaj AR., Ghasempour SH. Minimally invasive total splenectomy in dogs: Serial Reports. International Journal of Veterinary Research, 2011, 5(1): 9-12.
- **Tavakoli A.**, Kazemi Mehrjerdi H. Pulmonary Bulla in a Dog Secondary to Blastomycosis. Iranian Journal of Veterinary Surgery 2010, 5 (12 & 13):109-114.
- Bakhtiari J., **Tavakoli A.**, Khalaj AR, Shariati E. Laparoscopic ovariectomy in dogs: A clinical report. - Indian Journal of Veterinary Surgery 2010, 31(1): 49-50.
- **Tavakoli A.**, Kazemi Mehrjerdi H., Haghghi, A. Analgesic effects of metoclopramide following conventional ovariohysterectomy in bitches. Iranian Journal of Veterinary Surgery, 2009, 4(1& 2): 77-84.
- **Tavakoli A.**, Kazemi Mehrjerdi H., Azari O., Massoudifard M.. A clinical report of hiatal hernia in an osteoporotic animal. Iranian Journal of Veterinary Surgery, 2008, 3 (4): 89-94.
- Kazemi H., Dehghan M., **Tavakoli A.**, Vajhi AR., Gachpaz S. Bilateral Pancarpal Arthrodesis in a German Shepherd dog. Iranian Journal of Veterinary Surgery, 2008, 3 (4): 95-102.
- Salmanzade N., Bakhtiari J., **Tavakoli A.**, Bahonar A. Comparison of the use of mask or chamber in inducing anesthesia with isoflurane in rabbits. Iranian Journal of Veterinary Surgery 2008, 3(2): 67-72.
- **Tavakoli A.**, Fooladian SH., Haghghi A. Enhancement of lidocaine analgesic effects in epidural analgesia by metoclopramide in rabbits. Veterinary Journal of Azad University, Garmsar Branch 2008, 1(2):73-77.
- **Tavakoli A.**, Bakhtiari J., Khalaj AR. Laparoscopic abdominal surgeries. Journal of Veterinary Research. 2008, 63(4): 281-285.
- Abdi M., Bakhtiari J., **Tavakoli A.**, Jamshidi SH., Khalaj AR. Comparative endoscopy of reconstructive Roux-en-Y with jejunal loop interposition following gastrectomy in dogs. Iranian Journal of Veterinary Surgery 2008, 3(1):39-45.
- Bakhtiari J., Mokaram S., Khalaj AR., Sharifi D., Ashrafihalan J., **Tavakoli A.** Comparative evaluation of Laparoscopic and ovariohysterectomy in dogs. Journal of Veterinary Research 2008, 63(3): 147-151.
- **Tavakoli A.**, Bakhtiari J. Laparoscopy in animals: A huge pace in noninvasive surgeries Journal of Standard, Iran 2008, 1 (4): 26-29.
- **Tavakoli A.**, Fooladian SH., Haghghi A. Cosmetic Cheiloplasty in a mixed breed dog. Veterinary Journal of Azad University, Garmsar Branch 2007, 3(4):213-216.

- **Tavakoli A.**, Bakhtiari J., Khalaj AR., Gharagozlou MJ., Veshkini A., Sharifi D. Radiologic and macroscopic findings in handsewn laparoscopic gastrojejunostomy in dog. Iranian Journal of Veterinary Surgery 2007, 2(3): 32-38.
- **Tavakoli A.**, Bakhtiari J., Khalaj AR. Clinical evaluation of two suture pattern techniques in laparoscopic gastrojejunostomy in dog. Iranian Journal of Veterinary Surgery 2007, 2(2): 39-45.
- Bakhtiari J., Mokaram S., Khalaj AR., **Tavakoli A.** Clinical evaluation of elective laparoscopic ovariohysterectomy in dog. Iranian Journal of Veterinary surgery 2006, 1(1): 15-21.
- **Tavakoli A.**, Gholami S. Histomorphologic and histomorphometric study of renal vessels in the fetus of prenatal Mehraban Sheep. Tehran Veterinary Medicine Journal 2004, 61(4): 316-320.
- Ashrafihalan J., Mosallanezhad B., **Tavakoli A.**, Naghshine R. Trichloblastoma (Basal Cell Tumor) in a Rabbit, The first Report. Tehran Veterinary Medicine Journal 2004, 60(3): 301-303.

PRESENTATIONS

- Tavakoli A.** surgical and nonsurgical treatments for oral neoplasms. 1st annual meeting on veterinary oncology-Markazi Hospital, Tehran, Iran, Jan 2020
- Tavakoli A.** Malpractice in veterinary dentistry. 3rd Congress of Iranian Companion Animal Medicine . Tehran, Iran, Oct 2019
- Tavakoli A.**_Advanced treatments for periodontal surgeries. 14th National_Symposium of Veterinary Surgery, Anesthesiology and Radiology, Shahrekord, Iran, May 2019
- **Tavakoli A.** Antibiotics in Small animal dentistry: Why or why not. 20th National Veterinary Congress, Tehran, Iran, October 2018
- Tavakoli A.**, Vital pulp therapy in dogs. 26th European Veterinary Dental Congress, Innsbruck, Austria, May 2018
- Tavakoli A.**, FORL in cats: 2nd Congress of Companion animal Medicine, Tehran, Iran, Oct 2017
- **Tavakoli A.**, Restorative dentistry: Art and science: 6th Congress of Small Animals, Tehran, Iran, Oct 2016.
- Tavakoli A.**, Standard care in veterinary dentistry. 19th National Veterinary Congress, Tehran, Iran, April 2016
- Tavakoli A.**, Endodontics: root canal as an alternative to extraction. 1st Congress of Companion Animal Medicine. Karaj, Iran, Oct 2015.

-**Tavakoli A.** Comparison of the analgesic effects of meloxicam and tramadol on post operative pain following dental surgeries in cats. 24th European Congress of Veterinary Dentistry, Ghent, Belgium, Jun 2015.

-Mahmoodi Ashtiani H., **Tavakoli A.**, Shafiee B. Effect of Simvastatin on pain biochemical indices following ovariohysterectomy in cats. 3rd Symposium of Veterinary Pathobiology, Garmsar Iran, May 2015.

- **Tavakoli A.** Exodontia in small animals: Why and how? (Invited speaker) 4th International Symposium of Veterinary Surgery, Anesthesiology and Radiology, Mashad, Iran, Oct. 2014.

- **Tavakoli A.** The essential of knowledge of periodontics in dogs and cats. (Invited speaker) 18th National congress of Clinical Sciences, Tehran, Iran, May 2014.

- **Tavakoli A.** Laparoscopy and the future of veterinary surgery. (Invited speaker) 3rd.International Symposium of Veterinary Surgery, Anesthesiology and Radiology, Kish Island, Iran. Apr. 2011.

- **Tavakoli A.**, H.Hejazi. Feline perineal urethrostomy. 3rd.International Symposium of Veterinary Surgery, Anesthesiology and Radiology, Kish Island, Iran. Apr. 2011.

- **Tavakoli A.**, Khalaj AR., Bakhtiari J. Minimally invasive single portal laparoscopic splenectomy in dogs. The 10th Mediterranean and Middle Endoscopic Surgery Congress, Tehran, Iran, Oct. 2010.

- Bakhtiari J., Khalaj AR., **Tavakoli A.** Laparoscopic splenectomy in dogs. 8th National Symposium of Veterinary Surgery, Anaesthesia and Radiology, Tehran, Iran, Oct. 2010.

- Khalaj AR., Bakhtiari J., **Tavakoli A.** Single port access laparoscopy used for splenectomy in dogs. 8th National Symposium of Veterinary Surgery, Anaesthesia and Radiology, Tehran , Iran, Oct. 2010.

- Bakhtiari J., **Tavakoli A.**, Aminloo E., Khalaj AR. Laparoscopic abdominovaginal ovariohysterectomy in bitches. South Eastern Veterinary Conference, Barcelona, Spain, Sept. 2010.

- **Tavakoli A.**, Bakhtiari J, Khalaj AR. Laparoscopic ovariohysterectomy as an alternative to traditional ovariohysterectomy, 8th National Symposium of Veterinary Surgery, Anaesthesia and Radiology, Tehran, Iran, Mar. 2010.

- Bakhtiari J., **Tavakoli A.**, Khalaj AR. Laparoscopic ovariectomy in dogs the first report of two cases in Iran. Indian veterinary Conference, New Delhi, India, Oct. 2009.

- **Tavakoli A.**, Kazemi H., Yahyaee B. Notch mandibulectomy in a German shepherd dog, 2nd International Symposium of Veterinary Surgery, Anaesthesia and Radiology, Kerman, Iran, Apr. 2008.

- **Tavakoli A.**, Bellah J., Green N., Schwartz R. Pseudo hermaphrodites in a labrador retriever, 2nd International Symposium of Veterinary Surgery, Anaesthesiology and Radiology, Kerman, Iran, Apr. 2008.
- **Tavakoli A.**, Bakhtiari J., Khalaj AR., Sharifi D., Veshkini A. Clinical evaluation of two different suture patterns in laparoscopic gastrojejunostomy in dogs. 6th Symposium of Veterinary Surgery, Anaesthesiology and Radiology, Mashhad, Iran, Oct 2006.
- **Tavakoli A.**, Dehghan M., kazemi H., Abarkar M. Traumatic diaphragmatic hernia in cats: 7 cases. 30th World Small Animal Veterinary Congress. Mexico city, Mexico, 2005.
- **Tavakoli A.**, Dehghan M., Ashrafihalan J., Pedram S., Azari O, Retrospective Evaluation of Mammary Gland Tumor In Dog: 27 Cases. The First Canine Practice Congress, New Delhi, India, July 2005.
- Kazemi H., Dehghan M., Vajhi A., **Tavakoli A.**, Shamsi A., Bilateral pancarpal arthrodesis in a German Shepherd dog. The First International Symposium of Veterinary Surgery, Anaesthesiology and Radiology, Shahrekord, Iran, Apr 2005.
- Pedram M.S., Bakhtiari J., Khalaj AR., Abarkar M., **Tavakoli A.**, Abdolmaleki Z., Mokaram S., Elective laparoscopic ovariohysterectomy in two dogs. The First International Symposium of Veterinary Surgery, Anaesthesiology and Radiology, Shahrekord, Iran, Apr. 2005.
- Pedram M.S., Abarkar M., Bakhtiari J., Khalaj AR., **Tavakoli A.** Laparoscopic gastrojejunal anastomosis in two dogs. The First International Symposium of Veterinary Surgery, Anaesthesiology and Radiology, Shahrekord, Iran, Apr. 2005.
- Hejazi M., **Tavakoli A.**, Dehghan M.M. Surgical treatment of cleft palate in cat. The First International Symposium of Veterinary Surgery, Anesthesiology and Radiology, Shahrekord, Iran, Apr. 2005.
- **Tavakoli A.**, Bakhtiari J., Kazemi H., Azari O.. Kyphoscoliosis due to severe nutritional osteoporosis as a causative factor for hiatal hernia in a cat. 29th World Small Animal Veterinary Congress, Athens, Greece, 2004.
- **Tavakoli A.**, Bakhtiari J., Kiani K. Experimental study of comparison effects of fluid therapy and peritoneal dialysis in dog. 13th Iranian Veterinary Congress, Tehran, Iran, 2004.
- Kazemi H., **Tavakoli A.**, Azari O., Masoudifard M. Surgical treatment of bilateral mandibular fracture in a dog. 13th Iranian Veterinary Congress, Tehran, Iran, 2004.
- **Tavakoli A.**, Bakhtiari J., Kiani K. Treatment of post renal uremia with peritoneal dialysis in dogs. The First National Veterinary Small Animal Congress, Tehran, Iran, 2003.
- Mosalanezhad B., Kazemi H., Dezfoolian O., **Tavakoli A.**, Barekatein H. The First report of isolation of Proteus Mirabilis from a cat with hyperplastic cystic endometritis in Iran. The First National Veterinary Small Animal Congress, Tehran, Iran, 2003.