

Dr. Ahmed Hassan Khalil Youssef

BVSc · MVSc · PhD

Assistant Professor of Veterinary Surgery, Anesthesiology & Radiology
Faculty of Veterinary Medicine, Benha University | Menoufia National University, Egypt

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🔗 PROFESSIONAL SUMMARY

Dr. Ahmed Hassan Khalil Youssef is an Associate Professor of Veterinary Surgery, Anesthesiology, and Radiology at Benha University with over 15 years of progressive academic, clinical, and administrative experience. He holds BVSc, MVSc, and PhD degrees from Benha University and has contributed 23 peer-reviewed publications in high-ranking national and international journals. His expertise spans veterinary diagnostic imaging (ultrasonography, radiography, CT), advanced anesthetic protocols, augmentation and regenerative surgery across equine, ruminant, and small animal species. Beyond research, he serves as Program Coordinator and Deputy Hospital Director at Menoufia National University, reflecting a strong commitment to academic leadership, institutional quality assurance, and the advancement of veterinary medical education in Egypt.

🔗 CURRENT POSITIONS

🔗 Assistant Professor – Veterinary Surgery, Anesthesiology & Radiology

Faculty of Veterinary Medicine, Benha University

April 2021 – Present

🔗 Program Coordinator – Veterinary Medicine Program

Menoufia National University

Responsible for curriculum, academic program management & student affairs

🔗 Deputy Director – Educational Veterinary Hospital

Menoufia National University

Clinical operations oversight, training programs & hospital quality standards

🔗 PROFESSIONAL EXPERIENCE

▶ April 2021 – Present

Assistant Professor – Veterinary Surgery, Anesthesiology & Radiology

Faculty of Veterinary Medicine, Benha University, Egypt

Leads advanced undergraduate and postgraduate teaching; supervises Master's and PhD candidates; conducts research in diagnostic imaging and veterinary anesthesiology; coordinates curriculum development; directed the Diagnostic Imaging Unit (2017–2025).

- Teaching: Advanced surgery, anesthesiology, lameness, and diagnostic imaging courses in Benha University.

- Teaching: Advanced surgery, anesthesiology, lameness, and diagnostic imaging courses in Menoufia University.
- Research: Published 23 papers; 4× Benha University Research Excellence Award (2018–2021)
- Supervision: Multiple MSc and PhD students in veterinary surgery and radiology

► January 2016 – April 2021

Lecturer – Veterinary Surgery, Anesthesiology & Radiology

Faculty of Veterinary Medicine, Benha University, Egypt

Delivered theoretical and practical courses to 4th and 5th year BVSc students; supervised postgraduate research; published multiple peer-reviewed articles; directed the Diagnostic Imaging Unit from 2017.

- Courses: General surgery, anesthesiology, diagnostic imaging, regional surgery
- Field training: Equine and cattle farm visits for clinical exposure

► September 2012 – January 2016

Assistant Lecturer – Veterinary Surgery, Anesthesiology & Radiology

Faculty of Veterinary Medicine, Benha University, Egypt

Conducted practical laboratory sessions and clinical training; contributed to course material development; completed PhD dissertation in veterinary surgery (January 2016).

► May 2009 – September 2012

Demonstrator – Veterinary Surgery, Anesthesiology & Radiology

Faculty of Veterinary Medicine, Benha University, Egypt

Assisted in practical teaching and clinical demonstrations for undergraduate students across equine, ruminant, and small animal surgery; completed MVSc degree (September 2012).

📄 ACADEMIC QUALIFICATIONS

► 30 January 2016

Doctor of Philosophy (PhD) – Veterinary Surgery

Faculty of Veterinary Medicine, Benha University, Egypt

► 25 September 2012

Master of Veterinary Science (MVSc) – Veterinary Surgery

Faculty of Veterinary Medicine, Benha University, Egypt

► May 2008

Bachelor of Veterinary Medical Science (BVSc)

Faculty of Veterinary Medicine, Benha University, Egypt

📄 ADMINISTRATIVE ROLES

Program Coordinator – Veterinary Medicine Program <i>Menoufia National University</i>	Current ●
Deputy Director – Educational Veterinary Hospital <i>Menoufia National University</i>	Current ●
Deputy Director – Quality Assurance Unit <i>Faculty of Veterinary Medicine, Benha University 2022 – 2025</i>	Former
Director – Diagnostic Imaging Unit <i>Faculty of Veterinary Medicine, Benha University 2017 – 2025</i>	Former
Farm Supervisor <i>Faculty of Agriculture, Benha University</i>	Current ●

TEACHING EXPERIENCE

Undergraduate (4th & 5th Year BVSc) — Practical & Theoretical

▶ General Veterinary Surgery	▶ Veterinary Anesthesiology
▶ Veterinary Diagnostic Imaging	▶ Regional Surgery — Pet, Ruminant & Equine
▶ Lameness Diagnosis & Treatment	▶ Clinical Examination of Animals
▶ Anesthetic Protocols for Surgical Procedures	▶ Ultrasonography & Radiography Follow-up
▶ Surgical Techniques — Equine & Ruminant	▶ Field Trips to Equine & Cattle Farms

Postgraduate Supervision

- Supervisor of Master's candidates – Veterinary Surgery, Anesthesiology & Radiology, Benha University
- Supervisor of Master's candidates – Veterinary Surgery, Anesthesiology & Radiology, Menoufia University
- Supervisor of PhD candidates – Veterinary Surgery, Anesthesiology & Radiology
- Member – Student Surgical Skills Development Project (Benha University)

PEER-REVIEWED PUBLICATIONS (23 PAPERS · 2012–2025)

1. Khalil A.H., Badawy A.M., El Akraa A.M. & Ismaeel A.F. (2012). Diagnostic Imaging of Urine Retention and Subsequent Hydronephrosis in Goat. *Benha Veterinary Medical Journal*, 23(2), 219–229.
2. Mostafa M.B., Al-Akraa A.M. & Khalil A.H. (2015). Clinical Assessment of Superficial Digital Flexor Tendon (SDFT) Core Lesion Treated with PRP in Donkeys (*Equus Asinus*). *International Journal of Advanced Research*, 3(10), 371–381.
3. Mostafa M.B., Al-Akraa A.M. & Khalil A.H. (2015). Ultrasonographic Assessment of SDFT Core Lesion Treated with PRP in Donkeys. *BVMJ*, 29(2), 274–282.
4. Abd Al-Galil A.S.A. & Khalil A.H. (2016). Ultrasonographic Diagnosis of Subclinical Mastitis in Buffalo (*Bubalus bubalis*). *Res. Opin. Anim. Vet. Sci.*, 6(8), 261–267.
5. Abd Al-Galil A.S.A. & Khalil A.H. (2016). Augmentation Colocystoplasty for Improving Bladder Filling Capacity in Dogs. *Res. Opin. Anim. Vet. Sci.*, 6(9), 277–285.
6. Mostafa M.B. & Khalil A.H. (2018). Linear and Angular Biometric Measurements of Limbs of Camel (*Camelus Dromedarius*). *Journal of Camel Practice and Research*, 25(2), 153–162.
7. Fararah K.M., Elshemy M.A., Abdalgalil A.S.A., Khalil A.H. & Elsaber A.E. (2018). Clinicopathological and Ultrasonographic Changes during Experimentally Induced Arthritis in Donkey. *Benha Veterinary Medical Journal*, 35(1), 250–262.
8. Khalil A.H., Abd Al-Galil, Sabek, Zeineldin & Abo-Kora (2019). Sedative, Analgesic, Behavioral and Clinical Effects of Intravenous Nalbuphine-Xylazine Combination in Camels. *Journal of Veterinary Science*, 20(5), e55.
9. Mostafa M., Khalil A. & Al-Akraa A. (2020). Platelet Rich Plasma in Treatment of SDFT Core Lesion in Donkeys: Histopathological Assessment. *Agricultural Science Digest*, 40, 84–88.
10. Khalil A., Zeineldin M., Amin A., Shehata S., El-Khodery S. & Abd Al Galil A. (2020). Prevalence and Factors Associated with Superficial Tumors and Tumor-like Swelling in Cattle and Buffalo in Egypt. *Mansoura Veterinary Medical Journal*, 21(4), 155–160.
11. Shaaban E., Al-Akraa A.M., Abd Al-Galil A., Khalil A.H. et al. (2020). Ultrasonographic Examination of Abdominal Wall Swellings in Cattle and Buffalo. *Benha Veterinary Medical Journal*, 39, 58–62.
12. Khalil A., Zeineldin M. & El Shemy M.A. (2020). Ultrasonographic, Clinical and Haemato-biochemical Evaluations of Rumino-cutaneous Fistula in Buffalo. *Benha Veterinary Medical Journal*, 39(2), 59–67.
13. Khalil A., Zeineldin M., Ramadan M. & Abd AlGalil A. (2021). Turnover Flap of External Rectus Sheath as Autologous Graft for Correction of Scrotal Hernia in Rams. *Alexandria Journal of Veterinary Sciences (AJVS)*, 68(1), 35–44.
14. Ebrahim N., Dessouky A.A., Mostafa O., ..., Khalil A.H. & Salim R.F. (2021). Adipose Mesenchymal Stem Cells Combined with Platelet-Rich Plasma Accelerate Diabetic Wound Healing by Modulating the Notch Pathway. *Stem Cell Research & Therapy*, 12(1), 1–24.

15. Khattab W., Hamad A., Khalil A.H. et al. (2021). Ultrasound Changes in Meat Yield of Shami Goats Fed Diet Supplemented with Zinc Oxide Nanoparticles. *Small Ruminant Research*, 203, 106488.
16. Barakat B., Husseiny H., Kassab A., ..., Khalil A.H. & El-shafey A. (2021). Ultrasonographical, Morphological and Histological Studies on Jugular Vein Conduit of Cattle and Buffalo. *Journal of Advanced Veterinary Research*, 11(4), 189–194.
17. Sabek A., Ali A.F., Ramadan M., ..., Khalil A.H. (2021). Sedative, Analgesic, Behavioral Effect of Xylazine-Ketamine-Nalbuphine Induction Anesthesia in Cats Subjected to Median Celiotomy. *Alexandria Journal for Veterinary Sciences*, 71(2).
18. Ebrahim N., Badr O.A., Yousef M.M., ..., Khalil A.H. & Salim R.F. (2021). Functional Recellularization of Acellular Rat Liver Scaffold by Induced Pluripotent Stem Cells: Molecular Evidence for Wnt/ β -Catenin Upregulation. *Cells*, 10(11), 2819.
19. Khalil A.H., Abd Al Galil A., Zeineldin M., Abo-Korae S. & Sabek A. (2022). Sedative, Analgesic and Behavioral Changes of Caudal Epidural Injection of Xylazine, Magnesium Sulphate in Egyptian Water Buffalo. *Mansoura Veterinary Medical Journal*, 23(1), 1–9.
20. Abouelfetouh M.M., Salah E., Liu L., Khalil A.H. et al. (2022). Immediate Postoperative Analgesia of Nalbuphine-Ketamine Combination vs. Ketamine Alone in Xylazine-Sedated Goats. *Animals*, 12(4), 509.
21. Abd-Algalil A.S., El Shafey A.A., Sayed-Ahmed A., Nasr M.A. & Khalil A.H. (2022). Development of Ultrasound-Guided Technique for 4 Points Blockade of Manus in Dromedary Camel: A Cadaveric Investigation. *Alexandria Journal for Veterinary Sciences*, 73(2).
22. Khalil A.H., Abd-Algalil A.S.A., Kandiel M., Sayed-Ahmed A. & Nasr M.A. (2022). Ultrasonographic and Gross Anatomical Approaches to Characterize Superficial Lymph Nodes in Donkey (*Equus Asinus*). *Benha Veterinary Medical Journal*, 42(2), 128–133.
23. Youssry F.S., Ismaeel S.F., Sabek A., Abdel-Wadoud I.M., Ramadan M. & Khalil A.H. (2025). Comparison of Dexmedetomidine-Nalbuphine Combination vs. Dexmedetomidine Alone on Clinical, Behavioral and Biochemical Investigations in Goat via Ketofol. *Benha Veterinary Medical Journal*, 48, 27–35.

📄 RESEARCH & TECHNICAL SKILLS

Ultrasonography	Radiography	Computed Tomography (CT)
Augmentation Surgery	Grafting Surgeries	Regenerative Therapy
Veterinary Anesthesiology	Stem cells	Tissue Culture

📄 LANGUAGE PROFICIENCY

Arabic	Native / Mother Tongue	100%
English	Very Good TOEFL: 640	85%
German	Fair	38%

📄 PROFESSIONAL INTERESTS

Advancement of Veterinary & Medical Education in Egypt	Quality Improvement in Educational & Research Institutions	Clinical & Applied Training for Veterinary Students	Innovation in Diagnostic Imaging Techniques	Regenerative & Minimally Invasive Veterinary Surgery
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📄 SCIENTIFIC CONFERENCES & MEETINGS

1. 3rd Scientific Conference, Faculty of Veterinary Medicine (Moshtohor), Benha University · Jan 29 – Feb 1, 2009 · Benha-Ras Sedr, Egypt
2. 4th Scientific Conference, Faculty of Veterinary Medicine (Moshtohor), Benha University · May 25–27, 2011 · Benha, Egypt
3. 6th Scientific Conference, Faculty of Veterinary Medicine (Moshtohor), Benha University · May 21–23, 2018 · Benha, Egypt

📄 AWARDS & RECOGNITION

2018	Award for Outstanding Performance in Scientific Research & International Publication <i>University of Benha — Citations</i>
2019	Award for Outstanding Performance in Scientific Research & International Publication <i>University of Benha — Citations</i>
2020	Award for Outstanding Performance in Scientific Research & International Publication <i>University of Benha — Citations</i>
2021	Award for Outstanding Performance in Scientific Research & International Publication <i>University of Benha — Citations</i>

📄 PROFESSIONAL TRAINING PROGRAMS

▶ University Code of Ethics · Feb 2014	▶ Self-Evaluation & External Reviewing · Feb 2014
▶ Morals of Scientific Research · Aug 2010	▶ Financial and Legal Aspects · Aug 2010 · Mar 2026
▶ Examination & Student Reporting · Nov 2010	▶ Management of Electronic Sites · Oct 2010 – 2014
▶ Word Processing & Computer Skills · Nov–Dec 2011	▶ Excel & Data Management · Feb 2012
▶ Web Search & Digital Research · Jan 2026	▶ Self-Study for Educational Programs · Jan 2026
▶ University Leadership & Administration · Dec 2025	▶ Total Quality Management & Institutional Development · Dec 2025
▶ Research Team Management · Jan 2026	