

ISSN 0334-9152

ISRAEL JOURNAL OF
VETERINARY MEDICINE

Formerly: Refuah Veterinarith

Published Quarterly:

Volume 79 • No. 3 • September 2024

Editor: **T. Waner**

Editorial Board:

I. Aroch	S. Freidman	T. Waner
A. Steinman	S. Pozzi	A. Berkovitch
G. Segev	G. Simon	N. Edery
J. Milgram	S. Blum	S. Zmir
B. Perlman	D. Yasur Landau	D. Toimkin
G. Leitner	I. Srugo	M. Etinger

Israel Veterinary Medical Association

P.O.Box 22, Raanana 4310001, Israel
Tel: 09-7419929 • Fax: 09-7431778
E-mail: ivma@zahav.net.il

M. Etinger – President
S. Yair – Secretary

Website: www.ijvm.org.il

Printed in Israel by E. Oren Publisher Ltd.
Email: oren.print@gmail.com

Contents

EDITORIAL

Editorial September 2024

Waner, T. 2

RESEARCH ARTICLES

Biofilm Production Potential of *Salmonella* Enteritidis and
Salmonella Infantis Serovars Isolated from Broiler Flocks

Hacioglu, O. and Turkyilmaz, S. 3

Evaluation of the Prevalence of Neosporosis Using the
ImmunoComb Commercial Kit

Tirosh-Levy, S., Elena Blinder, E. and L. Mazuz, M. 9

The Use of Amorphous Calcium Carbonate as a Supplement for
Treating Equine Orthopedic Lesions: A Report on Eleven Cases

Haion, O. and Kelmer, G. 13

*The 45th Symposium of Veterinary Medicine:
Artificial Intelligence on Animal Welfare*

Koret School of Veterinary Medicine, The Hebrew University of Jerusalem 28

Front Cover: **GREAT WHITE PELICAN** (*Pelecanus onocrotalus*)

The *great white pelican* (GWP) is a huge bird: it measures 140 to 180 cm in length with a 28.9 to 47.1 cm enormous pink and yellow bill pouch. The wingspan measures 226 to 360 cm. These measurements make the GWP the largest among extant flying animals outside of the great albatross. During migration, more than 75,000 have been observed in Israel and, in winter, over 45,000 may stay in Pakistan. In all, its colonies combined, 75,000 pairs are estimated to nest in Africa. GWP's usually prefer shallow warm fresh water. They are highly sociable and often forms large flocks. They are well adapted for aquatic life and mainly eat fish. They leave their roost to feed early in the morning and may fly over 100 km in search of food, needing from 0.9 to 1.4 kg of fish every day. A group of 6 to 8 great GWP gather in a horseshoe formation in water to feed together. The female lays from 1 to 4 eggs in a clutch. Incubation takes 29 to 36 days. The GWP has a special relationship with Israel. Like their ancient ancestors, the pelicans pass through Israel during their fall migration. Thousands of them are seen in our skies and many land to feed in order to gain the energy required for the rest of their long journey. On their first journey, young pelicans with gray feathers join the adults, who are distinguished by bright white feathers and black flight feathers. The large flock protects the inexperienced young. With thanks to **Tal Waner** for the very impressive cover photos.