



# Rabies: training strategy for nursing students

Authors: MVZ Alma Deyanira Aguilera Acosta

Rabies is a 99% fatal zoonosis

100%  
Preventable  
with timely care

Since 2006, México has been free of human rabies transmitted by dogs, although in 2024, two cases were confirmed by wildlife.

2024: Rabies cases in México



Nursing, which represents more than 50% of health professionals in the country, is often the only source of care in disadvantaged areas. These personnel lack specific training in rabies, because within the legal framework of nursing actions in Mexico, Rabies is not contemplated, this makes it essential to provide them with the necessary knowledge to offer adequate and timely care and disseminate information to prevent rabies in the communities.

## GOALS

Increase the response capacity for Rabies and increase knowledge about prevention and vaccination.

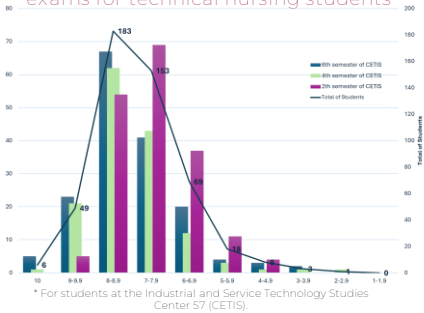
## METHODS & MATERIALS

A series of 6 technical-methodological phases were developed for the planning of academic interventions. 9 academic sessions of 5 hours each were carried out, with different content per school grade, with 18-question exams before and after each session.

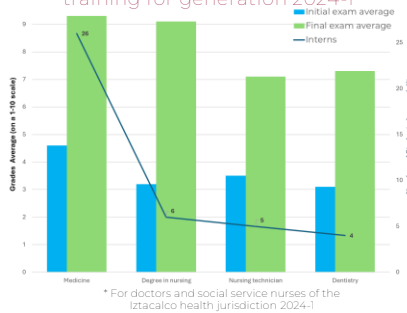
## RESULTS

489 students from a technical nursing school were trained. The average score on the exams increased from 0.8 to 7.7 out of 10. Knowledge about rabies regulations increased significantly from 0.6% to 100%. New generations of medicine and nursing students for the 2024 cycle continued to be trained in the *Iztacalco health jurisdiction*, adding a total of 173 students.

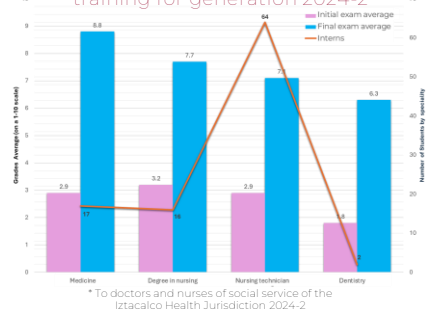
Results of comprehensive training exams for technical nursing students



Results of the rabies virus approach training for generation 2024-1



Results of the rabies virus approach training for generation 2024-2

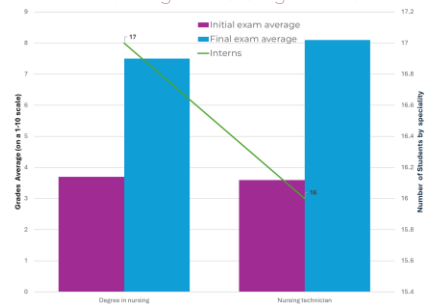


### Nursing Care

- Wound Irrigation and Management
- PEP Application- Vaccine Preservation and Care



Results of the rabies virus approach training for nursing interns



\* To nursing students of professional practices of the Dr. Luis Mazzotti Galindo health center

Conclusion: These interventions in health schools promote participation in the "One Health" strategy and offer students crucial knowledge, improving their preparation so that they can influence individual and collective actions in the promotion and prevention of rabies so that the patient has a better greater access and adherence to timely care.



Medicine, nursing and veterinary



One Health



### Acknowledgments

This work is a tribute to the important work of nursing, but especially to my **MOTHER**, a preventive medicine nurse, I grew up with her example, she always says "poorly work must be shown, because only then can it be corrected and improved." I love you mom. Family I love you. Thank you to my friend, Dr. Denisse Guerrero for sharing the space with her interns, thank you for believing in my work, thank you for the SORORITY. Lesly I love you. I also thank the CETIS 57 and its directors, Engineer Eduardo Castro Montoya and Engineer Gabriel Vázquez Jiménez. Infinite thanks to all the wonderful hands that are part of this work, thank you because your help made it possible.

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3. Guerra Zermeno FJ, De Anda Aguilar L. Legal Framework of Nursing performance in Mexico, rights and obligations of health professionals. Rev CONAMED 2024; 29 (1): 8-25.