

Incorporating Ethnoveterinary Medicine in the Instruction of Veterinary Student Clinicians

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OUTLINE

Introduction

Objectives

The Beginning...

Incorporating ethnovet

Assessment tools

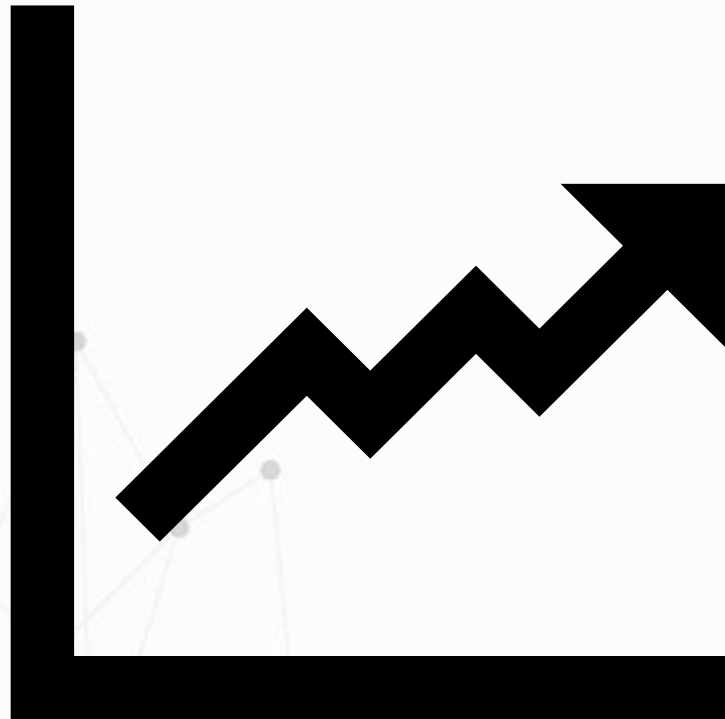
Conclusion



Students from the first batch of my ethnoveterinary program participants (UP CVM Class of 2018)



Introduction



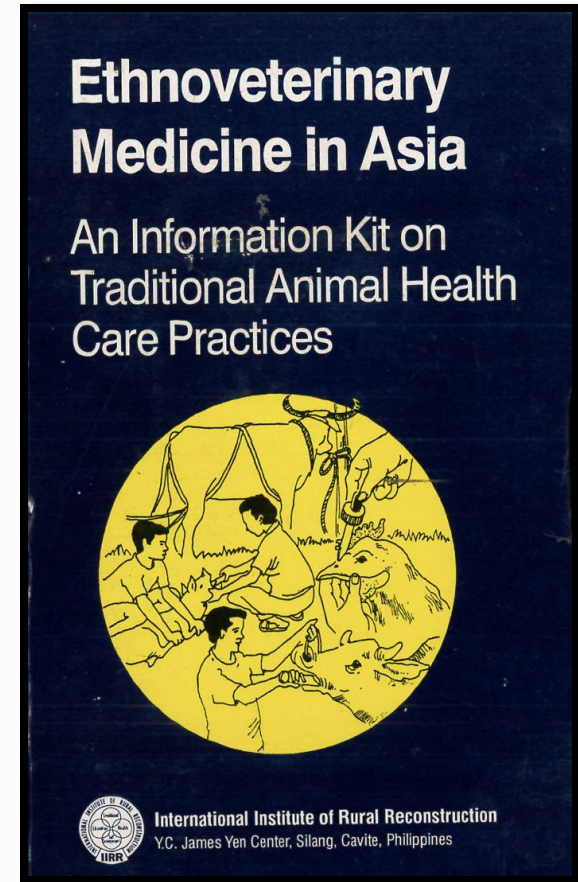
2019-2021



Introduction



Ethnoveterinary medicine as an effective alternative to modern veterinary science



Objectives

To introduce ethnoveterinary medicine to veterinary student clinicians as an alternative to antibiotic therapy;

To document the various ethnoveterinary applications of local plant species used to treat ruminant diseases and disorders; and

To practice ethnoveterinary medicine to help lessen the on-farm use of antimicrobials.

The Beginning...


- **Actively participating in the Ethnoveterinary Medicine workshop in November 2017 by the International Training Center for Pig Husbandry in Batangas, Philippines**



Incorporating ethnoveterinary medicine

Interactive Onsite Lecture

**Ethno-veterinary Medicine:
A viable alternative for livestock and poultry therapy**



HERBAL MEDICINES

Demonstration and workshop



Lagyan ng 1 kutsarang "honey"

Incorporating ethnoveterinary medicine



Drenching a herbal decoction as dewormer in sheep



Offering herbal bolus as dewormer in sheep


Incorporating ethnoveterinary medicine

SAMPLE WORKSHOP

BOLUS MAKING

PROCEDURE:

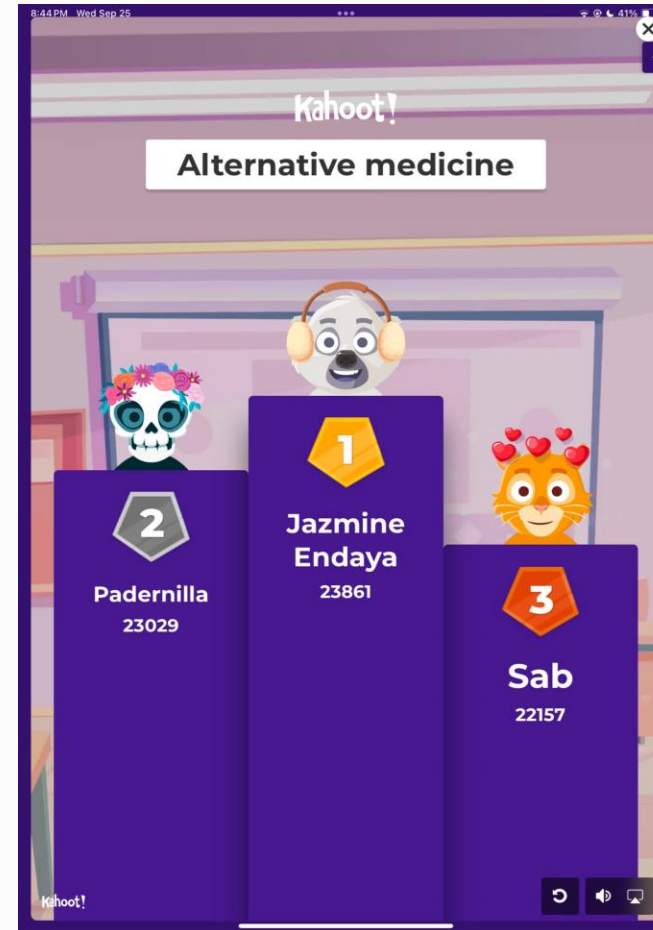
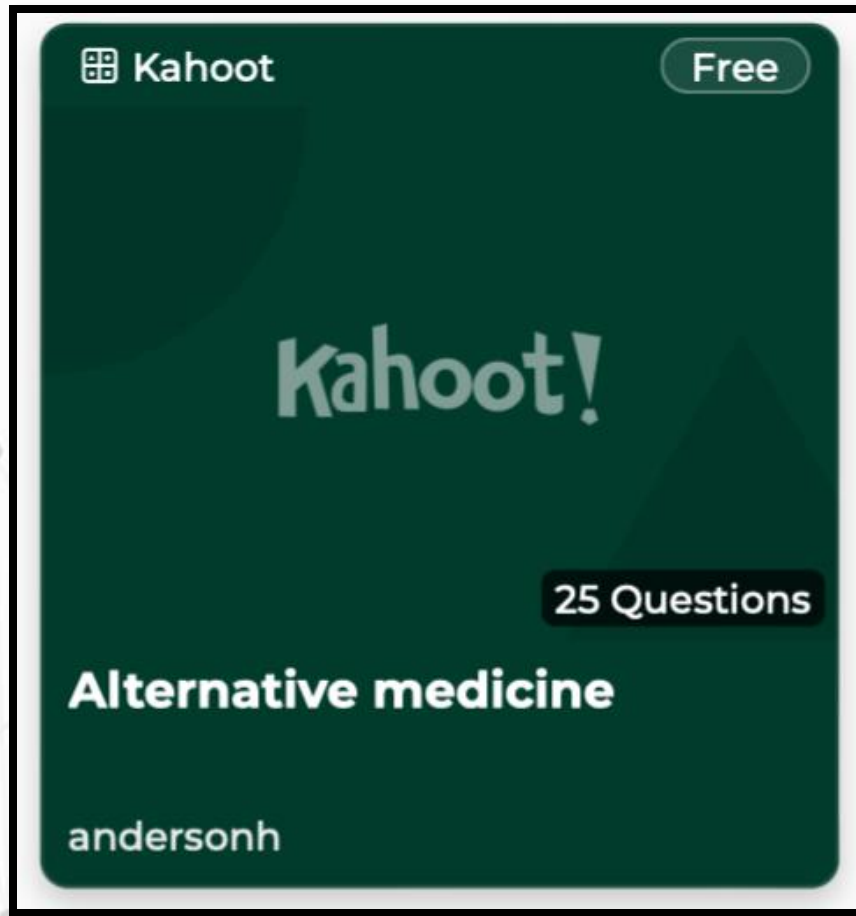
1. Place 1 kg of dried ground leaves in a clean clear plastic/glass/stainless bowl.
2. Put ~350mL honey. Mix by hand or by using a spatula.
3. Put 6 full cups (~1.5L) of molasses. Mix by hand or by using a spatula.
4. Mold balls into three sizes:
 - A. 13 small (Jackstone ball)
 - B. 25 medium
 - C. 15 big (Golf ball)
5. Place neatly in a clean flat tray.



Online Lecture

**Finished ethnovet product topical application
on a ruminant statue**

Assessment tools







Online interactive game played among groupmates

Ongoing project

54 tutorials using various languages with English subtitles



<https://www.youtube.com/channel/UCcWN046VsljqICrFQEQuuAQ>

| | | |
|---|---|--|
|  <p>4:16</p> | ⋮ |  <p>4:33</p> |
| Ampalaya (<i>Momordica charantia</i>) Leaves Extract as Drench - Bisaya... | | Caimito (<i>Chrysophyllum cainito</i>) Leaves Decoction as Drench - Bico... |
|  <p>2:18</p> | ⋮ |  <p>3:28</p> |
| Lagundi (<i>Vitex negundo</i>) decoction - Japanese version (English subtitle) | | Papaya (<i>Carica papaya</i>) Leaves Hot Infusion as Drench (Ilonggo Versio... |

Conclusion



**11% (8/74) of the 6th-year
veterinary students**



Oral presentation of one of the cases handled during the Ruminant Rotation Clinical Duty managed through ethnoveterinary medicine (South East Asian One Health University Network "SEAOHUN" International Conference, Sept 18, 2024, Thailand)

References

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