E-Learning in VETMED
Veterinary Education

I expect you all to be competent problem solvers and critical thinkers. And how is that? DO EXACTLY AS I SAY.
Veterinary Education

Lecturer-centered
(significant amount of didactic presentations)

Surface cognitive strategies
(repetitive rehearsal and rote memorization)

Information explosion

No/Less reflections

Large class sizes

Basic-Clinical science gap

No/Less Basic science integration/recalling within clinical contexts

Less competent veterinarians
(Lack problem-solving and critical thinking skills)
E-Learning approaches

Towards Evidence-based Veterinary Medicine

Problem-based learning
Case-based learning
Basic- Clinical science gap

Animations/ Simulations
Basic Science

Simulations
Clinical Science

Buchanan et al., 2005
Baillie et al., 2005

Basic-Clinical science gap
Equine Virtual Farm
Equine Virtual Farm vs Blackboard (FU CMS)

Students learning performances

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<tr>
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<th>Memory questions</th>
<th>Understanding questions</th>
<th>Critical thinking questions</th>
<th>All questions</th>
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Legend: Fail, Pass, Good, Very Good, Excellent
Equine Virtual Farm vs Blackboard (FU CMS)

Students learning satisfaction

![Bar chart showing learning satisfaction comparison between Bb and EVF]

- Bb:
  - 4.17 (Red)
  - 25.00 (Green)
  - 50.00 (Yellow)
  - 16.67 (Orange)
  - 3.17 (Blue)

- EVF:
  - 4.17 (Red)
  - 62.50 (Green)
  - 29.17 (Yellow)
  - 0.00 (Orange)
  - 0.00 (Blue)
References

