

ProKalm Itchy Horse Trial Summer 2016

Methods

- Owners and horses recruited through Facebook
- Owners required to complete an online questionnaire
- Horses selected on the basis of owner reported severity and first come basis
- 10 horses with chronic itching and a diagnosis of Sweet Itch selected
- 10 horses with chronic itching and NOT considered to be related to Sweet Itch selected

Methods

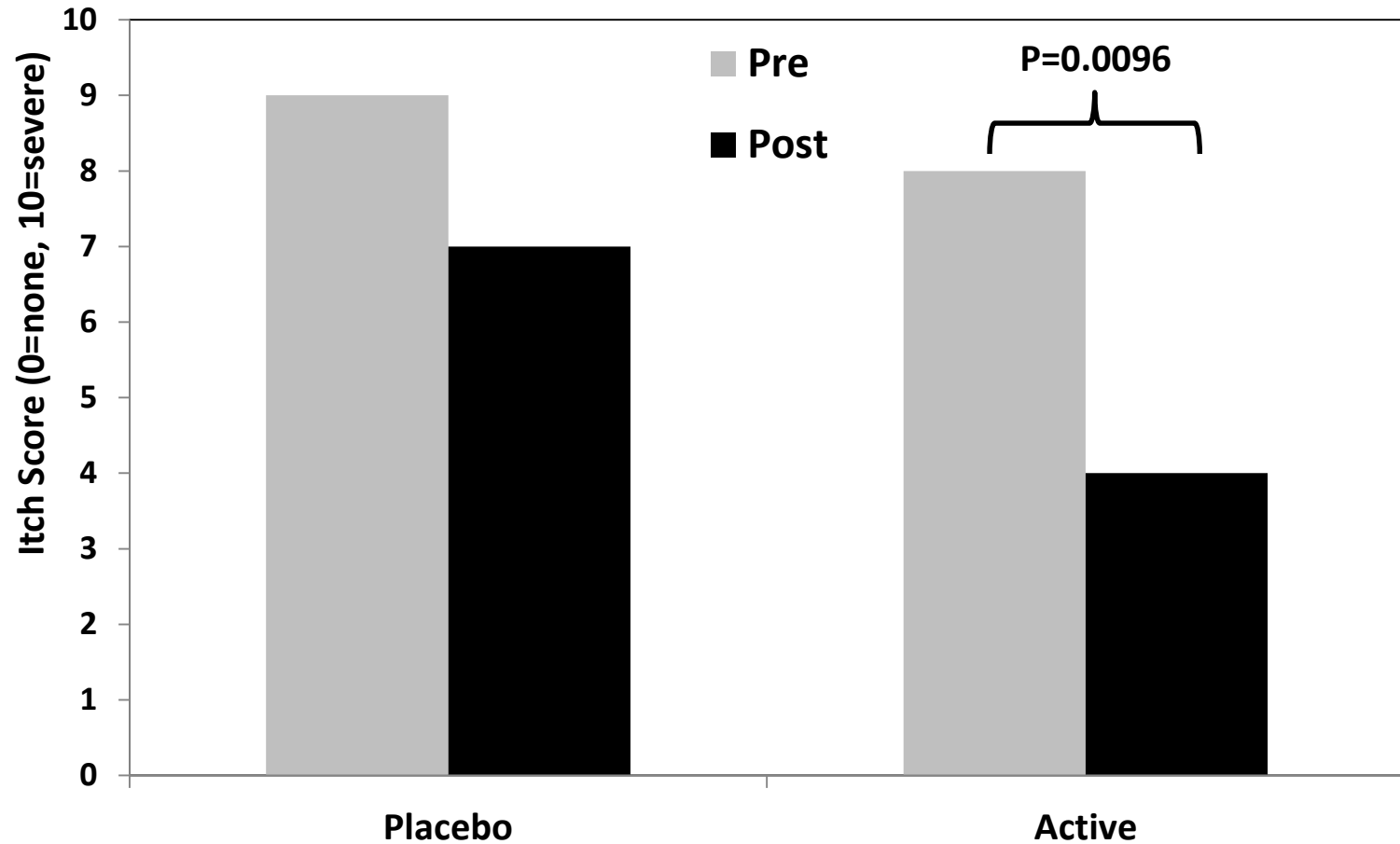
- Online questionnaire used for selection
- Owners were asked to rate the level of current itching between 0 (none) and 10 (severe)
- Owners sent either a 7 day supply of placebo (rice flour) or ProKalm
- Pouches were identical and only identified by a number (odd = active; even = placebo)
- After 7 days owners were asked to rescore the itching and then sent the second pouch
- Half the horses received placebo first and half ProKalm first
- The dose of ProKalm was 4 scoops per day (2 x am and 2 x pm)
- Comparison of Pre and Post itch scores were made using the Wilcoxon Signed Rank test

Results

- 1 horse was euthanised for reasons unrelated to the study (non-Sweet Itch)
- 2 owners failed to provide any information after receiving the first pouch (1 Sweet Itch; 1 Non-Sweet itch)
- Full data were obtained from 17 horses (8 Sweet Itch and 9 non-Sweet Itch)

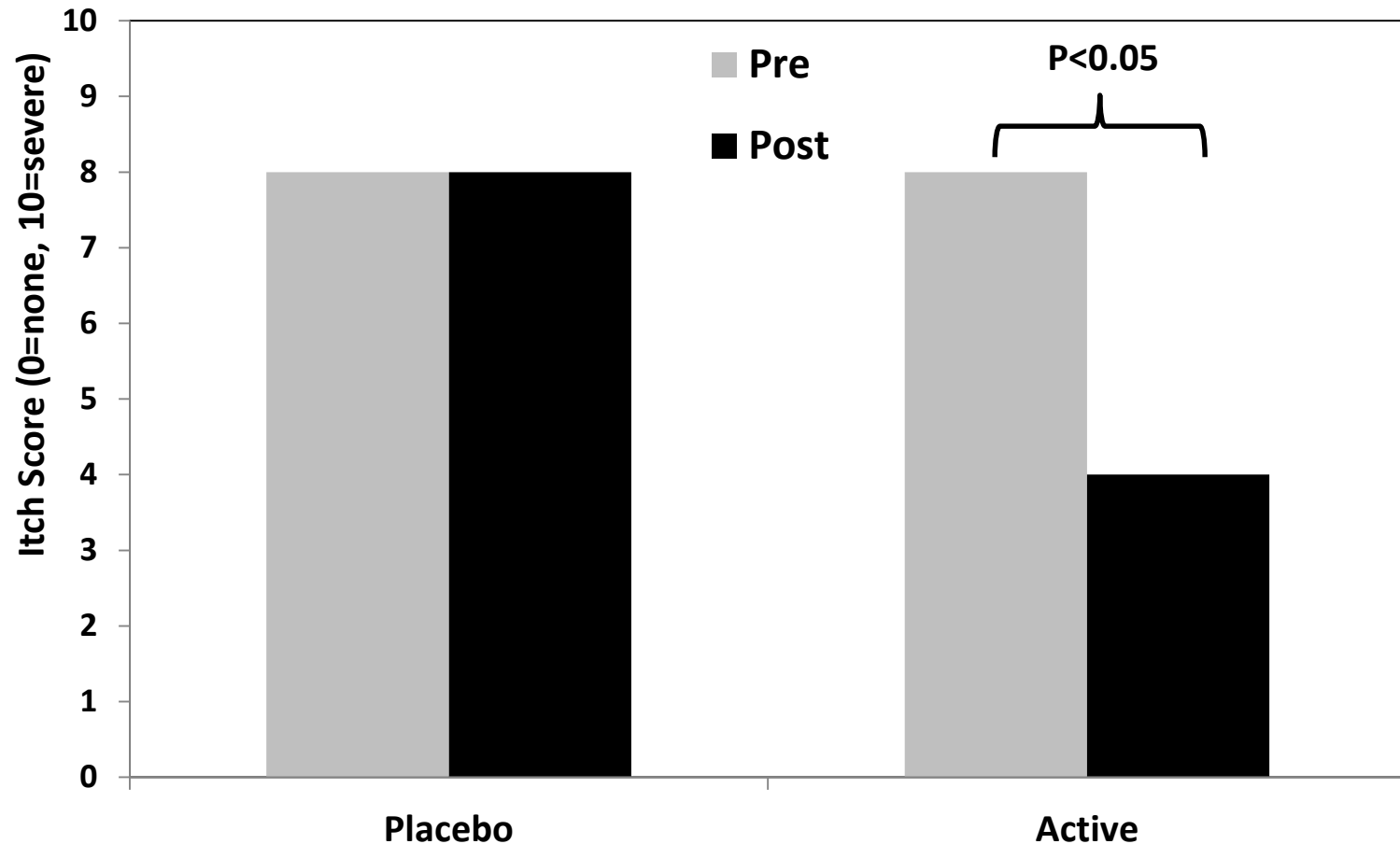
All horses

Owner reported itch score in 17 horses (8 = Sweet Itch; 9 = Non-Sweet Itch)
before (Pre) and after (Post) 7 days of ProKalm or a Placebo



Non-Sweet Itch horses only

Owner reported itch score in 9 horses with chronic itching (but without Sweet Itch) before (Pre) and after (Post) 7 days of ProKalm or a Placebo



Conclusion

- ProKalm fed for 7 days reduced owner reported itch score significantly compared with a placebo
- The effect was greater and more consistent in horses with chronic itching but without Sweet Itch
- Several horses with Sweet Itch were reported to show large reductions in Itch Score