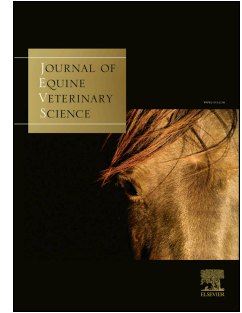


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Effect of dental correction on fecal fiber length in horses

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Higlights:

Dental disease is the main oral disorder of horses.

Mastication is the most important determinant of feed particle size reduction.

Fecal fiber length (FFL) can be used as an indicator of oral health and masticatory efficiency
in Equidae.

Dental correction had effect on fecal particle size.

Abstract

The aim of the study was to determine if dental correction changes fecal fiber length (FFL) in
horses that had never been subjected to dental treatment. Thirty adult horses with mild to
moderate dental abnormalities were selected. Dental disorders noted included sharp enamel
points, focal overgrowths, shear mouth, step mouth, wave mouth, accentuated transverse
ridges, and diastema. The horses were confined to individual stalls and fed Tifton hay

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