

## Important “Take Home” Points from CSU Stifle Research Paper

- Grading system for MFC (Medial Femoral Condyle) radiographic findings is Grade 0, 1, 2 or 3 with Grade 0 having no radiographic change
- Grade 1 finding is a mild, shallow lucency  $\leq$  3 mm in depth, and width is greater than depth
- Grade 2 finding is a dome-shaped lucency  $>$  3 mm in depth, and with depth approaching width
- Grade 3 finding is a large ovoid cystic lesion that articulates with the central MFC articular surface
- 80% of yearling Grade 1 MFC SCLs had either resolved or remained static at 2-year-old sale presentation.
- 80% of yearling Grade 2 MFC SCLs had either improved one grade or remained static at 2-year-old sale presentation
- 20% of yearling Grade 2 MFC SCLs progressed to Grade 3 at 2-year-old sale presentation
- 66% of yearling Grade 3 MFC SCLs improved one grade
- No significant difference between Grades 0, 1 and 2 horses regarding starting in a race (85% raced)
- Grade 3 yearlings had a 78% probability of racing which was lower than the overall proportion of 85% yearlings that raced
- No significant difference in age at first start for any MFC grade (0-3)
- No significant difference in average number of starts for any MFC grade (0-3)
- No significant difference in total earnings or earnings per start for any MFC grade (0-3)
- Axial MFC lucencies did not affect racing performance.