

## Equine Fetlock Protocol

| Equine Fetlock Protocol  |   |            |           |           |        |           |          |        |         |       |         |
|--|---|------------|-----------|-----------|--------|-----------|----------|--------|---------|-------|---------|
| Parameter  |   |            |           |           |        |           |          |        |         |       |         |
|  | Series Description                        | Pulse Seq. | FOV       | FA (flip) | Slices | Thickness | Interval | Freq # | Phase # | NSA   | Time    |
| Series 1   | 3 plane loc                               | SE         | 380       | 90        | 9      | 7         | 7        | 256    | 128     | 1     |         |
| Series 2   | Ax T2 STIR                                | FSE        | 240-320   | 90        | 16     | 2-3mm     | 0-.5mm   | 256    | 192     | max 8 | <14 min |
| Series 3   | Sag PD Fat Sat                            | FSE        | 240-320   | 90        | 16     | 2-3mm     | 0-.5mm   | 256    | 192     | max 8 | <14 min |
| Series 4   | Dor T2 STIR                               | FSE        | 160 - 220 | 90        | 24-30  | 3-5mm     | 0-1.5mm  | 256    | 192     | max 8 | <12 min |
| Series 5   | Ax T1                                     | FSE        | 160 - 220 | 90        | 24-30  | 3-5mm     | 0-1.5mm  | 256    | 192     | max 6 | <16 min |
| Optional   | Ax 3-D FLASH Fat Suppressed               |            |           |           |        |           |          |        |         |       |         |
| Optional   | Sag 3-D FLASH Fat Suppressed              |            |           |           |        |           |          |        |         |       |         |
| Optional   | Dorsal 3-D FLASH Fat Suppressed           |            |           |           |        |           |          |        |         |       |         |
| Optional   | Sag T2 STIR                               |            |           |           |        |           |          |        |         |       |         |
| Optional   | Ax 3-D FLASH Fat Suppressed- Post Gad     |            |           |           |        |           |          |        |         |       |         |
| Optional   | Sag 3-D FLASH Fat Suppressed- Post Gad    |            |           |           |        |           |          |        |         |       |         |
| Optional   | Dorsal 3-D FLASH Fat Suppressed- Post Gad |            |           |           |        |           |          |        |         |       |         |
| Optional   | Ax PD Fat Sat                             |            |           |           |        |           |          |        |         |       |         |
| Always use the smallest coil for the body part to be imaged.<br>Match FOV, Slice Thickness, and Image Matrix to the size of the body part (Small, Medium, Large) |   |            |           |           |        |           |          |        |         |       |         |