

**Physical Exam Findings in Cauda Equina Syndrome**  
**(Arranged by +LR)**

Physical Exam	Sensitivity	Specificity	+LR	-LR	Mean Prevalence CES (Number of patients in study)
Urinary retention >500 mL	1.00	0.94	16.5	0.00	0.15 (6/39)
Bilateral increase in reflexes	0.15	0.90	1.57	0.94	0.52 (33/64)
Decreased ankle reflex	0.38	0.72	1.34	0.87	0.14 (8/58)
Unilateral loss of reflexes	0.24	0.81	1.25	0.94	0.52 (33/64)
Increases in reflexes (unilateral or bilateral)	0.15	0.87	1.17	0.97	0.52 (33/64)
Bilateral loss of power	0.27	0.74	1.06	0.98	0.52 (33/64)
Loss of power (unilateral or bilateral)	0.61	0.42	1.04	0.94	0.52 (33/64)
Positive straight leg raise	0.50	0.52	1.04	0.96	0.14 (8/58)
Unilateral loss of power	0.33	0.67	1.03	0.98	0.52 (33/64)
Leg numbness	0.81	0.20	1.01	0.97	0.51 (31/61)
Loss of motor function in leg	0.50	0.50	1.00	1.00	0.14 (8/58)
Decreased anal sphincter reflex	0.38	0.60	0.94	1.04	0.14 (8/58)
Loss of reflexes (unilateral or bilateral)	0.39	0.58	0.94	1.04	0.52 (33/64)
Loss of motor function in foot raisers	0.25	0.66	0.74	1.13	0.14 (8/58)
Bilateral loss of reflexes	0.15	0.77	0.67	1.10	0.52 (33/64)
Unilateral increase in reflexes	0.00	0.97	0.00	1.03	0.52 (33/64)

\*Sensitivity, Specificity, positive, and negative likelihood ratios of physical exam findings compared to MRI findings of CES

\*\*Summary of physical exam findings from [7,8]. Adapted from the Web Appendix of [11].

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