

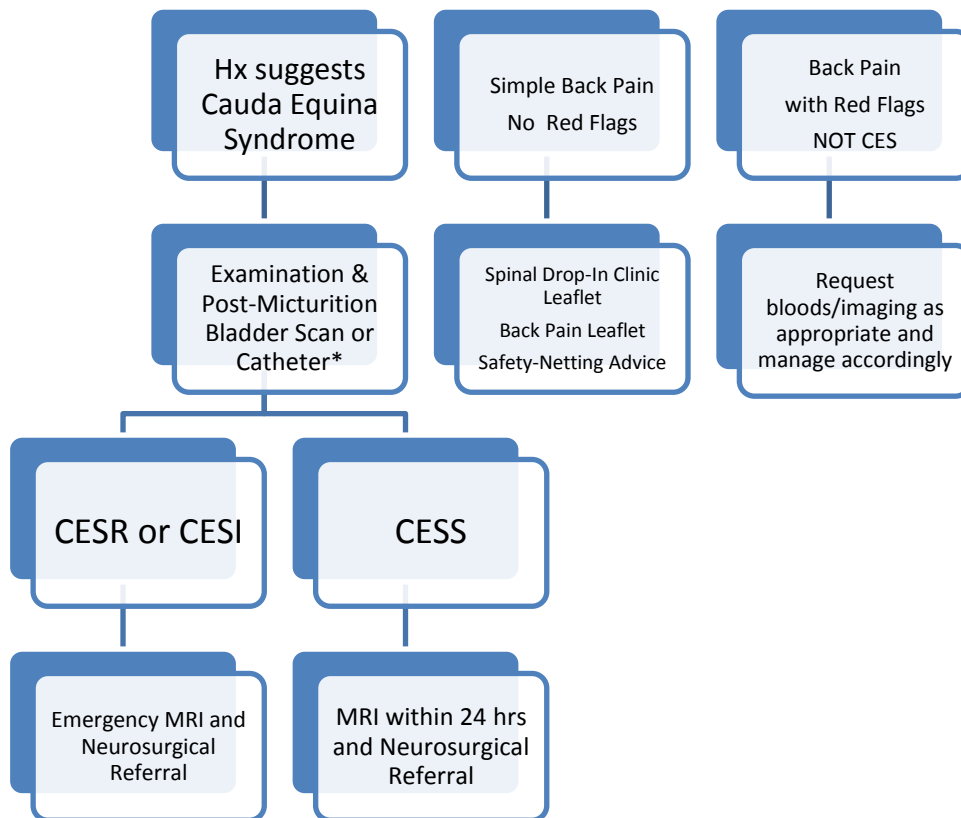
## Emergency Department Back Pain Assessment and Management Tool

First Name .....	M/F	Date .....	Time presented .....
Last Name .....	Clinician Name.....		Time seen by Dr/ANP .....
Address .....			
Hospital Number RXR.....		NHS Number .....	
GP.....		Religion.....	Telephone No .....

RED FLAG Questioning for Cauda Equina Syndrome			
Impairment of Sensation	Yes	No	Comment/Duration
Loss of feeling/pins and needles between your inner thighs or genitals?			
Numbness in or around your back passage or buttocks?			
Altered feeling when using toilet paper to wipe yourself?			
Loss of sensation when you pass urine?			
Loss of sensation when you pass stool?			
Bladder Dysfunction	Yes	No	Comment/Duration
Difficulty when you try to urinate? Straining?			
Leaking urine or <b>recent need</b> to use pads?			
Difficulty to stop or control urine flow?			
Not knowing when bladder is either full or empty? Loss of desire to void?			
Bowel Dysfunction	Yes	No	Comment/Duration
Inability to stop a bowel movement, or leaking?			
Sexual Dysfunction	Yes	No	Comment/Duration
Change in ability to achieve an erection or to ejaculate?			
Loss of sensation in genitals during sexual intercourse?			

Additional Red Flags	Yes	No	Additional Red Flags	Yes	No
Age <20 or > 55 years			Fever, night sweats, weight loss		
Constant or progressive pain			History of malignancy		
Nocturnal pain			Abdominal mass		
Worse pain on being supine			Thoracic back pain		
Morning stiffness			Leg claudication (spinal stenosis)		
Immunosuppression			Current or recent infection		

Comments:



Society of British Neurological Surgeons Definitions (2014)	
<b>CESR</b> Cauda Equina Syndrome with Retention	Back pain with unilateral or bilateral sciatica, motor weakness of the legs, sensory disturbance in the saddle region, loss of anal tone and established loss of urinary control ie. painless retention and overflow.
<b>CESI</b> Incomplete Cauda Equina Syndrome	As above BUT with altered urinary sensation instead of established loss of control, eg. loss of desire to void, diminished sensation, poor stream, need to strain. Painful retention may precede painless retention in some cases.
<b>CESS</b> Suspected Cauda Equina Syndrome	Cases of severe back pain and leg pains with variable neurological symptoms and signs, and a SUGGESTION of sphincter disturbance.

	Action	Done	Time	Sign	Comments
All Patients	1.Patient-focussed analgesia 2. Examination	1. 2.			
Hx suggests CES	1. Post-Micturition Bladder Scan OR Urinary Catheter*	1.			
CESR or CESI	1.Request Emergency MRI 2.Refer to Neurosurgery	1. 2.			Admitted to .....
CESS	1.MRI within 24 hours 2.Refer to Neurosurgery	1. 2.			Admitted to .....
Back Pain with No CES or Additional Red Flags	1.Spinal Drop-In Clinic Leaflet 2.Back Pain Leaflet 3.Discharge with Safety-Netting Advice	1. 2. 3.			
Back Pain with RED Flags NOT CES	Document actions in ED Card				

\*A painless residual volume of 750-1000mls has 90% specificity for CES.