Initial assessment of low back symptoms

Step	Data_item	Representation	Rep.
Adults with < 3 months of activity intolerance due to low back pain and/or back-related leg symptoms.	Age	ClinicalAttribute Name:age Time Value Unit:year	Age.instance.value > 18
	activity intolerance due to low back pain and/or back-related leg symptoms.	Symptom Name: activity intolerance due to low back pain and/or back- related leg symptoms. Time: Start_time End_time Duration Location: No_of_events Severity Quality Moderating factors	activity intolerance due to low back pain and/or back-related leg symptoms.instance.dur ation < 3 months
Perform focused medical history and physical examination	order		
Search for "red flags"			
age	age	ClinicalAttribute Name:age Time Value Unit:year	Age.instance.value > 50
Previous cancer history	Cancer	Diagnosis Name: cancer Time Start_time End_time Duration	Cancer.instance == true

Unexplained weight loss	Unexplained weight loss	Symptom	Unexplained weight
Chempianica weight 1888	Chemphanica weight 1988	Name: Unexplained weight	loss.instance == true
		loss	
		Time:	
		Start_time	
		End_time	
		Duration	
		Location:	
		No_of_events	
		Severity	
		Quality	
		Moderating factors	
Failure to improve with one	Activity intolerance due	Symptom	*I_1 = get (activity
month of therapy	to low back pain and/or	Name: activity intolerance due	intolerance due to low
	back-related leg	to low back pain and/or back-	back pain and/or back-
	symptoms.	related leg symptoms.	related leg symptoms,
		Time:	last, less(drug.start_time)
		Start_time	*I_2 = get (activity
		End_time	intolerance due to low
		Duration	back pain and/or back-
		Location:	related leg symptoms,
		No_of_events	last,
		Severity	more(drug.start_time + 1
		Quality	month)
		Moderating factors	
	Lower back pain drug	Drug	I_1.instance.severity <=
	therapy	Name:pain killer for LBP	I_2.insrtance.severity
		time	
		Start_time	
		End_time	
		Duration	
		Dose	
		unit	
Bed rest no relief	Low back pain	Symptom	Low back
		Name: Low back pain	pain.instance.moderating
		Start_time	_factor. == true
		End_time	
		Duration	
		Location:	
		No_of_events	
		Severity	
		Quality	
		Moderating factors:	
Duration of pain > 1 month	Low back pain	Symptom	Low back
		Name: Low back pain.	pain.instance.duration >
		Time:	1 month
		Start_time	
		End_time	
		Duration	
		Location:	
		No_of_events	
		Severity	
		Quality	
		Moderating factors	

Intravenous drug abuse Urinary tract infection	Intravenous drug abuse Urinary tract infection	Diagnosis Name: Intravenous drug abuse Time start_time end_time duration Diagnosis	Intravenous drug abuse.instance == true Intravenous drug abuse.instance.end_time > Lower back pain.instance.start_time Urinary tract
		Name: Urinary tract infection start_time end_time duration	infection.instance==true Urinary tract infection. instance.end_time > Lower back pain.instance.start_time
Skin infection	Skin infection	Diagnosis Name: Skin infection start_time end_time duration	Skin infection.instance==true Skin infection. instance.end_time > Lower back pain.instance.start_time
Trauma	Trauma	Diagnosis Name: Trauma start_time end_time duration	Trauma ==true Trauma. instance.end_time > Lower back pain.instance.start_time
corticosteroid	corticosteroid	Drug Name: Time Start_time End_time Duration Dosage unit	Corticosteroid.instance == true
Sciatica	Lower back pain	Symptom Name: Lower back pain Time: Start_time End_time Duration Location: No_of_events Severity Quality Associated symptoms Moderating factors	Lower back pain.instance. Associated symptoms == sciatica

pseudoclaudication	Lower back pain	Symptom	Lower back
		Name: Lower back pain	pain.instance.
		Time:	Associated symptoms
		Start_time	== pseudoclaudication
		End_time	
		Duration	
		Location:	
		No_of_events	
		Severity	
		Quality	
		Associated symptoms	
		Moderating factors	
morning stiffness	Lower back pain	Symptom	Lower back
	1	Name: Lower back pain	pain.instance.
		Time:	Associated symptoms
		Start_time	== morning stiffness
		End_time	8
		Duration Duration	
		Location:	
		No_of_events	
		Severity	
		Quality	
		Associated symptoms	
		Moderating factors	
Neurological screening	Navralagical saraaning		
Neurological screening	Neurological screening	Diagnostic Procedure	
		Name: Neurological screening	
		Observation_time:	
		Start_time:	
		End_time:	
		Status:order	
		Indication:low back pain	
		Location:	
SLR	SLR	DiagnosticProcedure	
SLK	SLK	DiagnosticProcedure Name: SLR	
		Observation_time:	
		Start_time:	
		End_time:	
		Status:order	
		Indication:low back pain	
		Location:	
Plain X-ray of lumbosacral spine	Plain X-ray of	DiagnosticProcedure	
2 Idam 12 Tay of fullicosacial spilic	lumbosacral spine	Name: Plain X-ray	
	Tarrio osuciui spine	Observation_time:	
		Start_time:	
		End_time:	
		Status:order	
		Indication:low back pain	
		Location:lumbosacral spine	

Spine fracture is still suspected	Spine fracture is still suspected	DiseaseOrSyndrom: Name: Spine_fracture Observation_time: start_time end_time certainty:	Spine_fracture.instan ce.certainty = suspected
Multiple sites of pain	Multiple sites of pain	Symptom Name: Lower back pain Time: Start_time End_time Duration Location: No_of_events Severity Quality Associated symptoms Moderating factors	Lower back pain.instance.location .length>1
Bone scan	Bone scan	DiagnosticProcedure Name: Bone scan Observation_time: Start_time: End_time: Status:consider Indication:low back pain Location:	
consultation	consultation	Consultation: Name: consultation Observation_time: Start_time: End_time: Status:consider Indication:low back pain Consultant:Orthopedic surgeon	
CT	СТ	DiagnosticProcedure Name: CT Observation_time: Start_time: End_time: Status:consider Indication:low back pain Location:spine	