TRAUMA ASSESSMENT

Mechanism of Injury
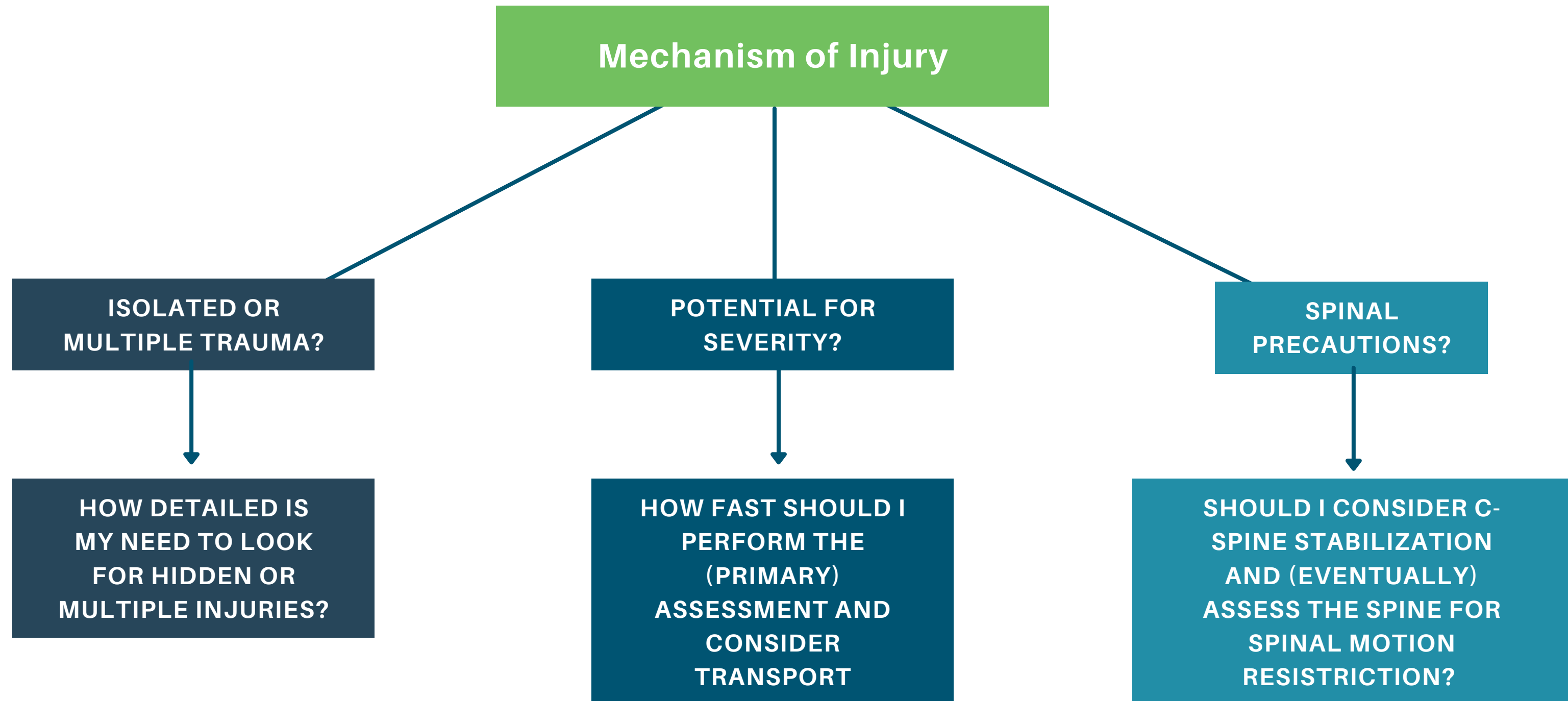
LIMMER EDUCATION

LIMMER EDUCATION
TRAUMA ASSESSMENT

SIZE UP: SCENE SAFE - BSI - HAZARDS - RESOURCES. - NUMBER OF PATIENTS

Mechanism of Injury

ISOLATED OR MULTIPLE TRAUMA?

POTENTIAL FOR SEVERITY?

SPINAL PRECAUTIONS?

HOW DETAILED IS MY NEED TO LOOK FOR HIDDEN OR MULTIPLE INJURIES?

HOW FAST SHOULD I PERFORM THE (PRIMARY) ASSESSMENT AND CONSIDER TRANSPORT

SHOULD I CONSIDER C-SPINE STABILIZATION AND (EVENTUALLY) ASSESS THE SPINE FOR SPINAL MOTION RESISTRICTION?

01

Example 1

45 year old male misstepped and twisted ankle on curb.

LIMMER EDUCATION
TRAUMA ASSESSMENT

SIZE UP:

SAFETY: OK
HAZARDS: NO ISSUES
RESOURCES: NO ISSUES
BSI: GLOVES
PATIENTS: ONE (1)

45 year old male misstepped and twisted ankle on curb

ISOLATED OR MULTIPLE TRAUMA?

POTENTIAL FOR SEVERITY?

SPINAL PRECAUTIONS?

LIKELY ISOLATED BUT MAKE SURE THERE ARE NO OTHER INJURIES FROM THE FALL.

NO APPARENT NEED TO EXPEDITE

NOT LIKELY - SPECIALLY IF THERE IS NO HEAD INJURY

02

Example 2

Man shot in bar fight screaming about pain and holding his thigh.

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TRAUMA ASSESSMENT

SIZE UP:

SAFETY: POLICE ON SCENE
HAZARDS: NO ISSUES
RESOURCES: NO ISSUES
BSI: GLOVES AND FACE
PROTECTION
PATIENTS: ONE (1)

Man shot in bar fight screaming about pain and holding his thigh.

ISOLATED OR MULTIPLE TRAUMA?

POTENTIAL FOR SEVERITY?

SPINAL PRECAUTIONS?

SHOULD CHECK FOR ADDITIONAL WOUNDS IN THE CHEST/ABDOMEN DURING PRIMARY ASSESSMENT

POTENTIAL FOR BLEEDING AND SHOCK PUT THIS ON THE FAST TRACK.

"C" (BLEEDING CONTROL) COMES FIRST.

NOT INDICATED. PENETRATING TRAUMA DOES NOT GET SPINAL MOTION RESTRICTION.

VITAL SIGNS

	HR		RR		Systolic BP		Temperature		
	Low	High	Low	High	Low	High	Low	High	Avg
Infancy at Birth	140	160	40	60	70	70	98	100	
Neonate	100	160	30	40	70	90	98	100	
1 Year	100	120	20	30	70	90	98	100	
Toddler (12 to 36 Months)	80	130	20	30	70	110	98.6	99.6	
Preschool Age (3 to 5)	80	120	20	30	80	110	98.6	99.6	
School-Age Children (6 to 12)	70	110	20	30	80	120			98.6
Adolescence (13 to 18)	55	105	12	20	100	120			98.6
Adulthood (20 to 60)	60	100	16	20	100	120			98.6

GLASCOW COMA SCALE

Eye Opening (E)
- 4 = spontaneous
- 3 = to sound
- 2 = to pressure
- 1 = none
- NT = not testable

Verbal Response (V)
- 5 = orientated
- 4 = confused
- 3 = words, but not coherent
- 2 = sounds, but no words
- 1 = none
- NT = not testable

Motor Response (M)
- 6 = obeys command
- 5 = localizing
- 4 = normal flexion
- 3 = abnormal flexion
- 2 = extension
- 1 = none
- NT = not testable

Severe: GCS 8 or less. **Moderate:** GCS 9-12. **Mild:** GCS 13-15