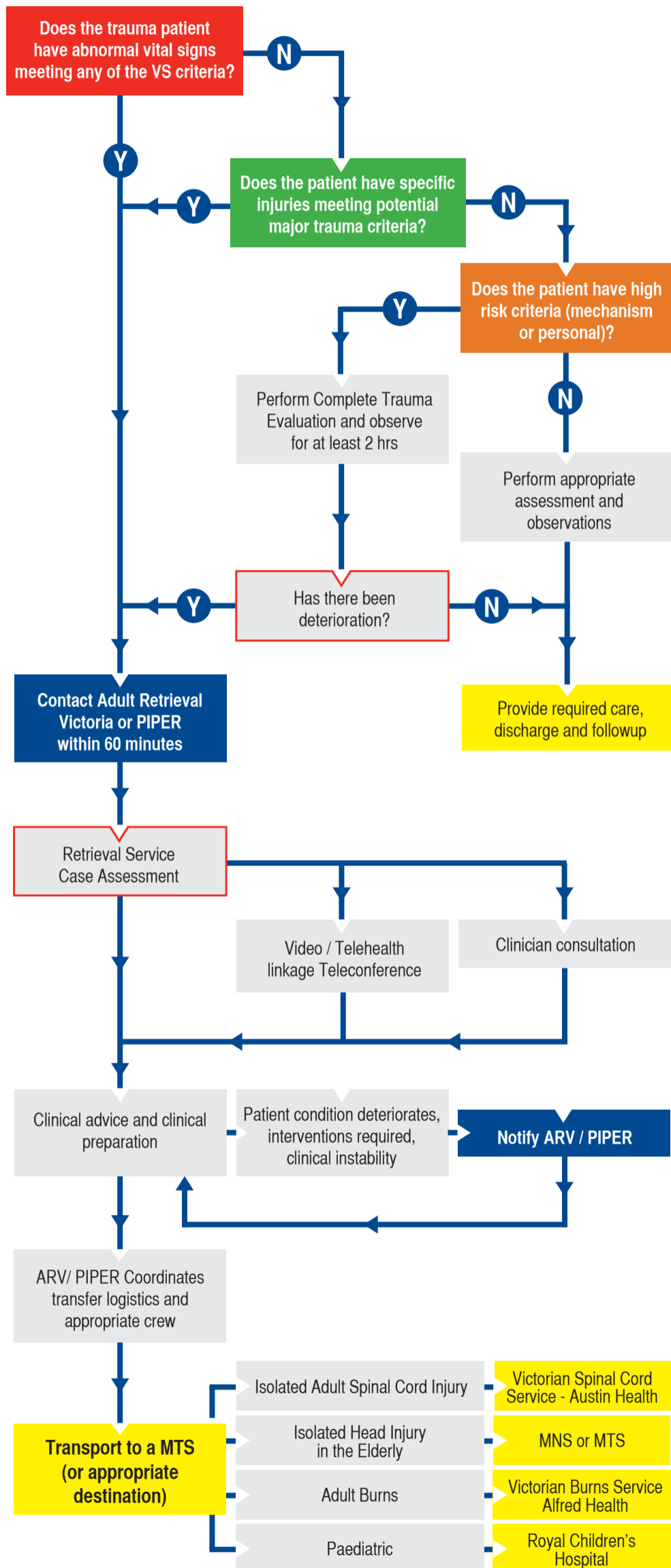


# Inter-hospital Major Trauma Transfer



## Inter-hospital Vitals Signs Major Trauma Criteria

Age	Term-3 mths	4-11 mths	1-4 yrs	5-11 yrs	12-15 yrs	Adult (≥16)
HR	<100 or >180	<100 or >180	<90 or >160	<80 or >140	<60 or >130	<60 or >120
RR	>60	>50	>40	>30	>30	<10 or >30
BP sys	<50	<60	<70	<80	<90	<90
SpO <sub>2</sub>			<90%			<90%
GCS			<15			<13

## Specific injuries – Major Trauma

### All penetrating injuries (except isolated / superficial limb injuries)

#### Blunt injuries:

- Serious injury to a single body region such that specialised care or intervention may be required, or such that life, limb or long term quality of life may be at risk.
- Significant Injuries involving more than one body region.

#### Specific Injuries:

- Limb amputations / limb threatening injuries.
- Serious crush injury.
- Major compound fracture or open dislocation.
- Fracture to two or more of the following: femur / tibia / humerus.
- Fractured pelvis.

#### Burns:

- Burns > 20% (adult) or 10% (child).
- Suspected respiratory tract burns.
- High Voltage Electrical Injury.

#### Neuro-trauma

- Neurological deficits.
- Skull fracture.
- Abnormal CT scan findings.

#### Spinal trauma

- Significant spinal fracture.
- Minor spinal cord or nerve root injury.
- Presence of neurological deficits.
- In isolated spinal cord trauma, the patient should be transferred from a primary hospital to the Victorian Spinal Cord Service – Austin Health, paediatric patients should be transferred and managed at the Royal Children's Hospital.

#### Paediatric Trauma

- Any of the above conditions when in children are indications for transfer in a paediatric patient.

#### Obstetric Trauma

- Evidence of fetal distress.
- Fetus beyond 24 weeks gestation.
- Possibility of trauma to the uterus.
- All obstetric major trauma patients should be transferred to the Royal Melbourne Hospital where they will have urgent obstetric assessment.

## High Risk Criteria for Major Trauma

- Ejection from vehicle
- Motor / cyclist impact > 30 kph
- Fall from height > 3 m
- Struck on head by object falling > 3 m
- Explosion
- High speed MCA > 60 kph
- Pedestrian impact
- Age <10 / >50
- Pregnant
- Significant comorbidity