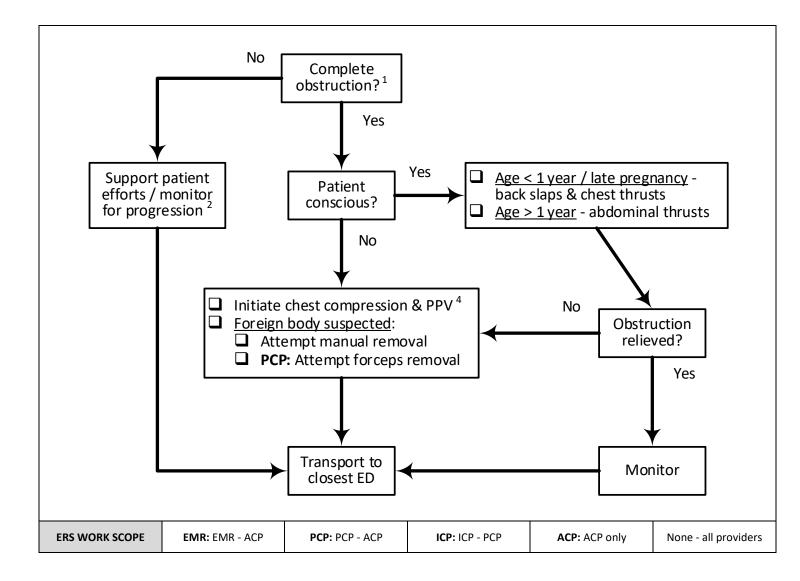
Shared health Soins communs Manitoba	C11 – UPPER AIRWAY OBSTRUCTION	
	All ages	RESUSCITATION
Version date: 2024-05-04		Effective Date: 2024-05-15 (0700)



#### **INDICATIONS**

Partial or complete upper airway obstruction

## **CONTRAINDICATIONS**

Not applicable

#### **NOTES**

- 1. Inability to speak or cough indicates <u>complete</u> airway obstruction. If complete obstruction is not promptly relieved, loss of consciousness followed by cardiopulmonary arrest will quickly ensue.
- 2. Interventions should be avoided in patients who can cough or speak as they may convert a partial obstruction into a complete one.
- 3. Upper airway obstruction (UAO) can occur from multiple causes (appendix A).
  - Airway foreign body (FB) will usually be apparent by the history of abrupt onset, as well of absence of findings suggesting other causes.
  - If UAO is due to anaphylaxis or angioedema, prompt administration of epinephrine is required (E03).
- 4. Chest compressions may dislodge a laryngeal foreign body, while positive pressure ventilation (PPV) may force tracheal FB down into a mainstem bronchus partially relieving obstruction.
- 5. Airway manipulation and positive pressure ventilation (PPV) are aerosol generating medical procedures. Appropriate personnel protective equipment (PPE) is required (A09).

# LINKS / REFERENCES

- A09 AEROSOL GENERATING MEDICAL PROCEDURES
- E03 ANAPHYLAXIS

APPROVED BY		
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# **VERSION CHANGES (refer to X03 for change tracking)**

- Renamed
- Removal of COVID restrictions and reference to general AGMP protocol for all transmissible respiratory infections

## APPENDIX A: CAUSES OF ACUTE UPPER AIRWAY OBSTRUCTION

- Foreign body
- Infection (eg. epiglottitis, croup, tonsillitis, retropharyngeal / peritonsillar abscess)
- Anaphylaxis / angioedema
- Upper airway burns
- Blunt / penetrating airway injury
- Hemorrhage into tumor (rare)
- Vocal cord dysfunction / laryngospasm (rare)