



Clinical Practice Procedures: Trauma/Cervical collar

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Date	April, 2016
Purpose	To ensure a consistent procedural approach to the cervical collar.
Scope	Applies to Queensland Ambulance Service (QAS) clinical staff.
Health care setting	Pre-hospital assessment and treatment.
Population	Applies to all ages unless stated otherwise.
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Cervical collar

April, 2016

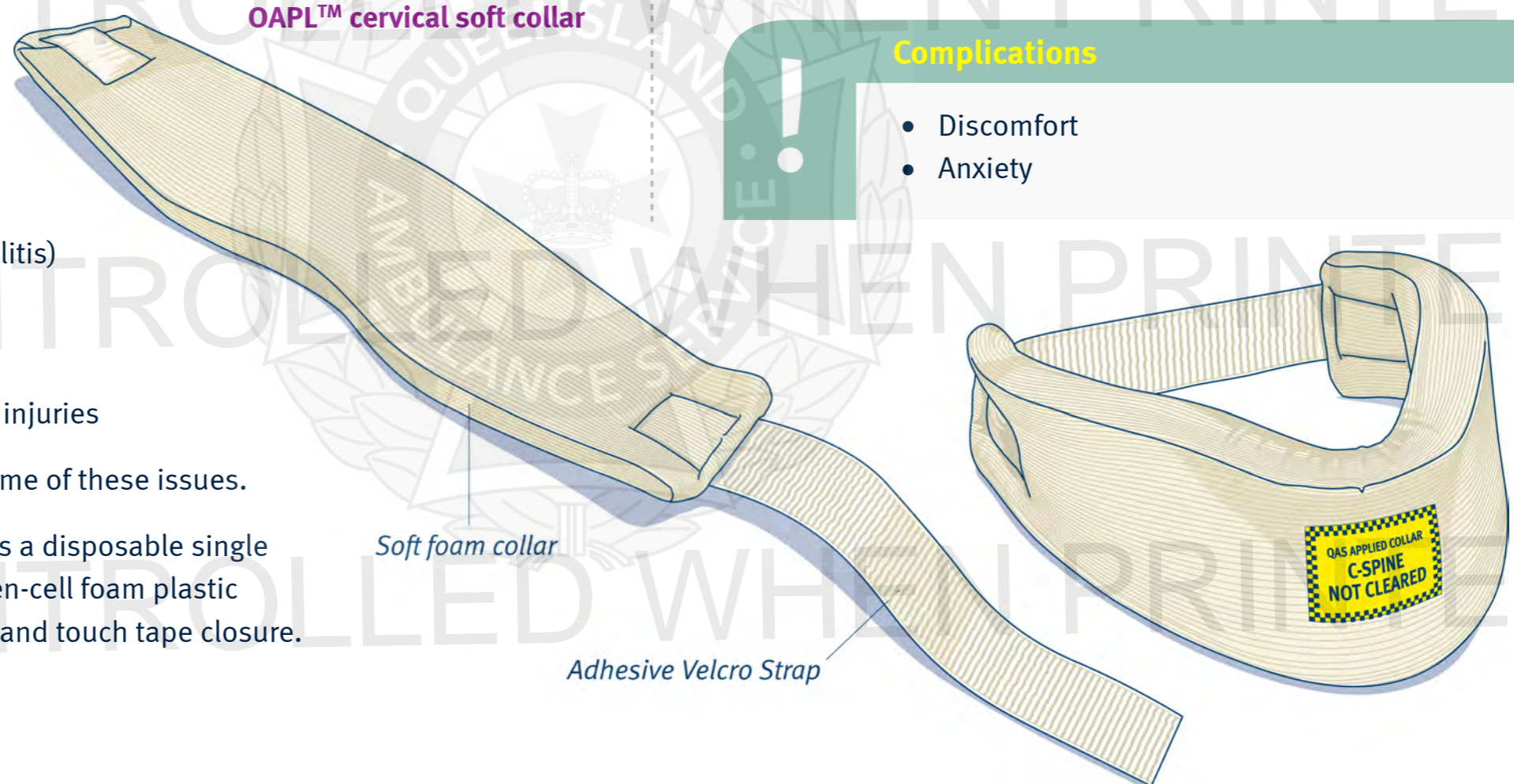
A **cervical collar** is an orthopaedic device used to physically and consciously acknowledge the potential for c-spine injury. Although available devices may limit movement within the c-spine, no device has been shown to immobilise it completely.

There is a lack of evidence for the efficacy of spinal immobilisation in the prevention of spinal cord injury (SCI).^[1] There is evidence however that rigid collars can lead to significant complications and morbidity when used to immobilise the c-spine.^[2,3,4] These complications and difficulties with rigid cervical collars include:

- patient discomfort
- pressure areas
- increased intracranial pressure
- causing/worsening SCI (e.g. in ankylosing spondylitis)
- impaired ventilation
- aspiration risk
- masking of neck/occipital injuries

Soft cervical collars mitigate some of these issues.

The OAPL™ cervical soft collar is a disposable single use device made from soft, open-cell foam plastic with a cotton stockinette cover and touch tape closure.



Indications



- Suspicion of a cervical spine or SCI

Contraindications



- Surgical airway
- Penetrating neck trauma

Complications



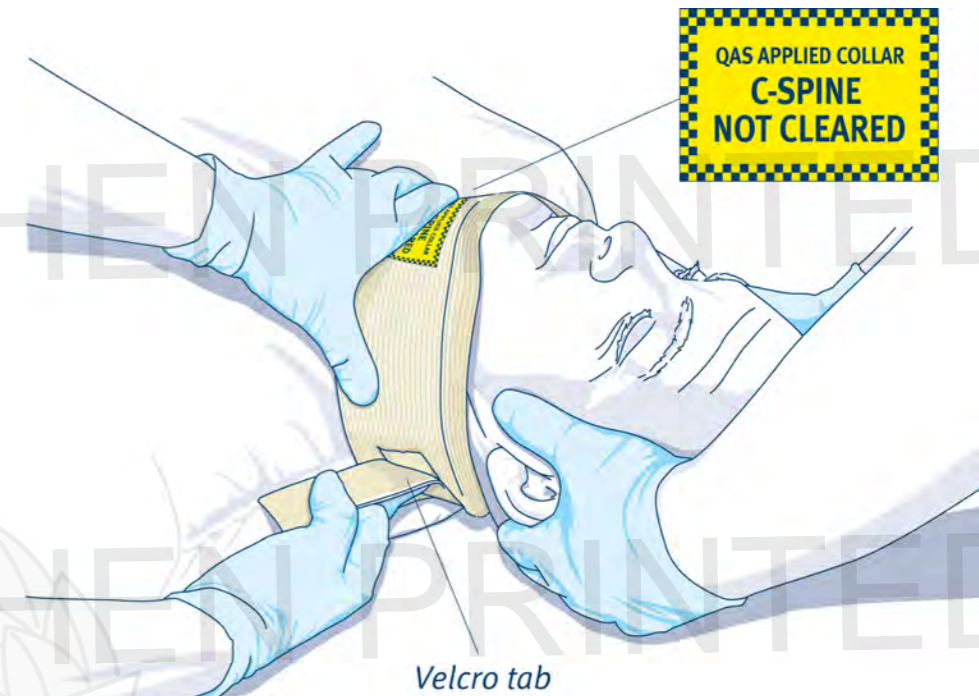
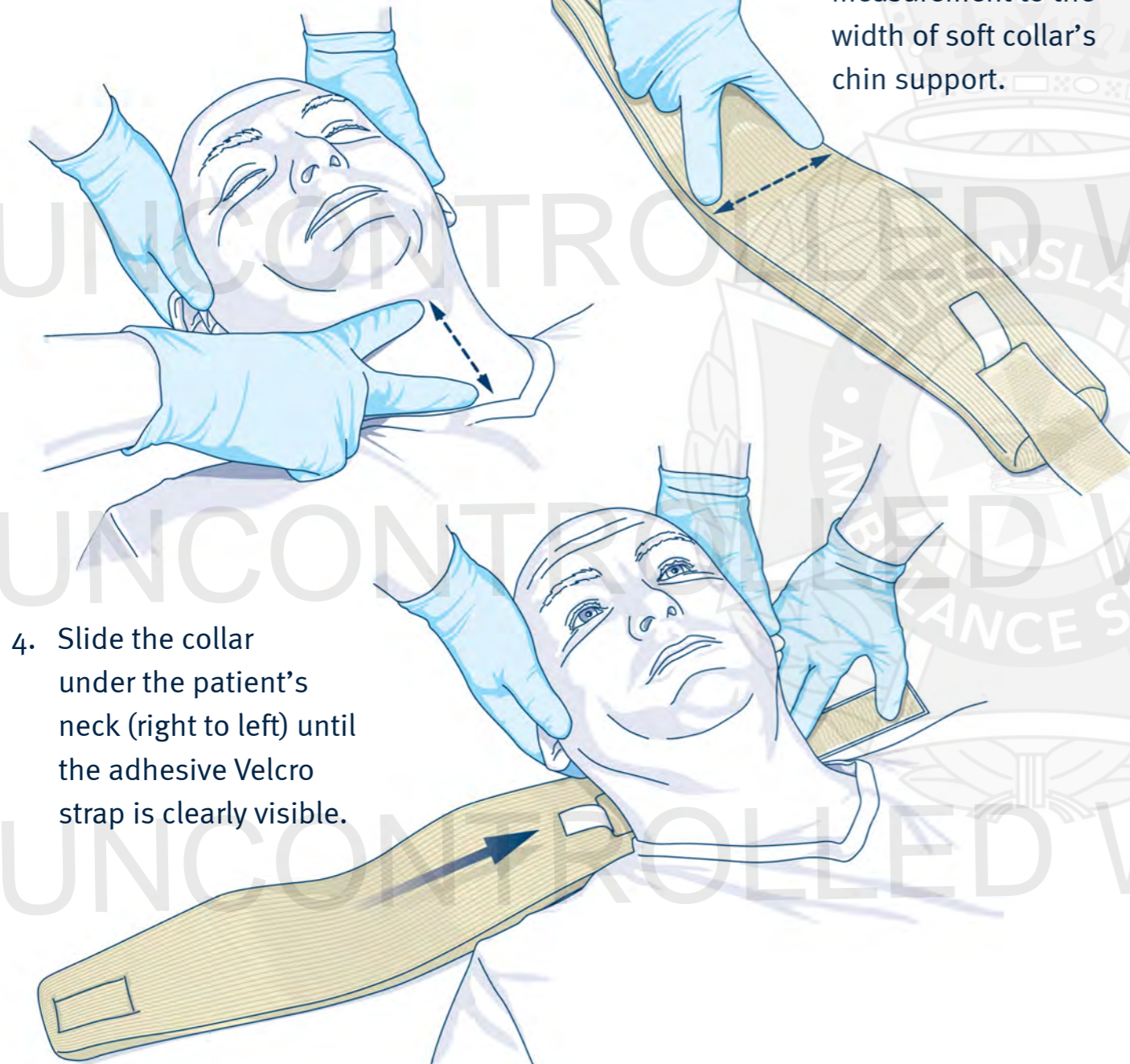
- Discomfort
- Anxiety

Procedure – Cervical collar

1. Gently align the patient's head to a neutral anatomical position or position of greatest comfort.

2. Measure the distance between the base of the chin and the suprasternal notch.

3. Select the appropriate size collar by comparing the patient's neck measurement to the width of soft collar's chin support.



+ Additional information

- The c-collar is an integral component of the approach to spinal care.
- The ends of a correctly sized OAPL™ soft collar should meet or slightly overlap at the back of the patient's neck.
- The QAS supplies OAPL™ soft collars in the following sizes:

Size	Height	Length
Extra-small	65 mm	480 mm
Medium	90 mm	480 mm
Large	100 mm	535 mm