



DAYTON CHILDREN'S HOSPITAL
CLINICAL PRACTICE GUIDELINES

DISCLAIMER: This Clinical Practice Guideline (CPG) generally describes a recommended course of treatment for patients with the identified health needs. This CPG is not presented and should not be used as a substitute for the advice of a licensed independent practitioner, as individual patients may require different treatments from those specified, and guidelines cannot address the unique needs of each patient. Dayton Children's shall not be liable for direct, indirect, special, incidental or consequential damages related to the use of this CPG.



Trauma Cervical Spine Evaluation & Clearance Pathway

Legend

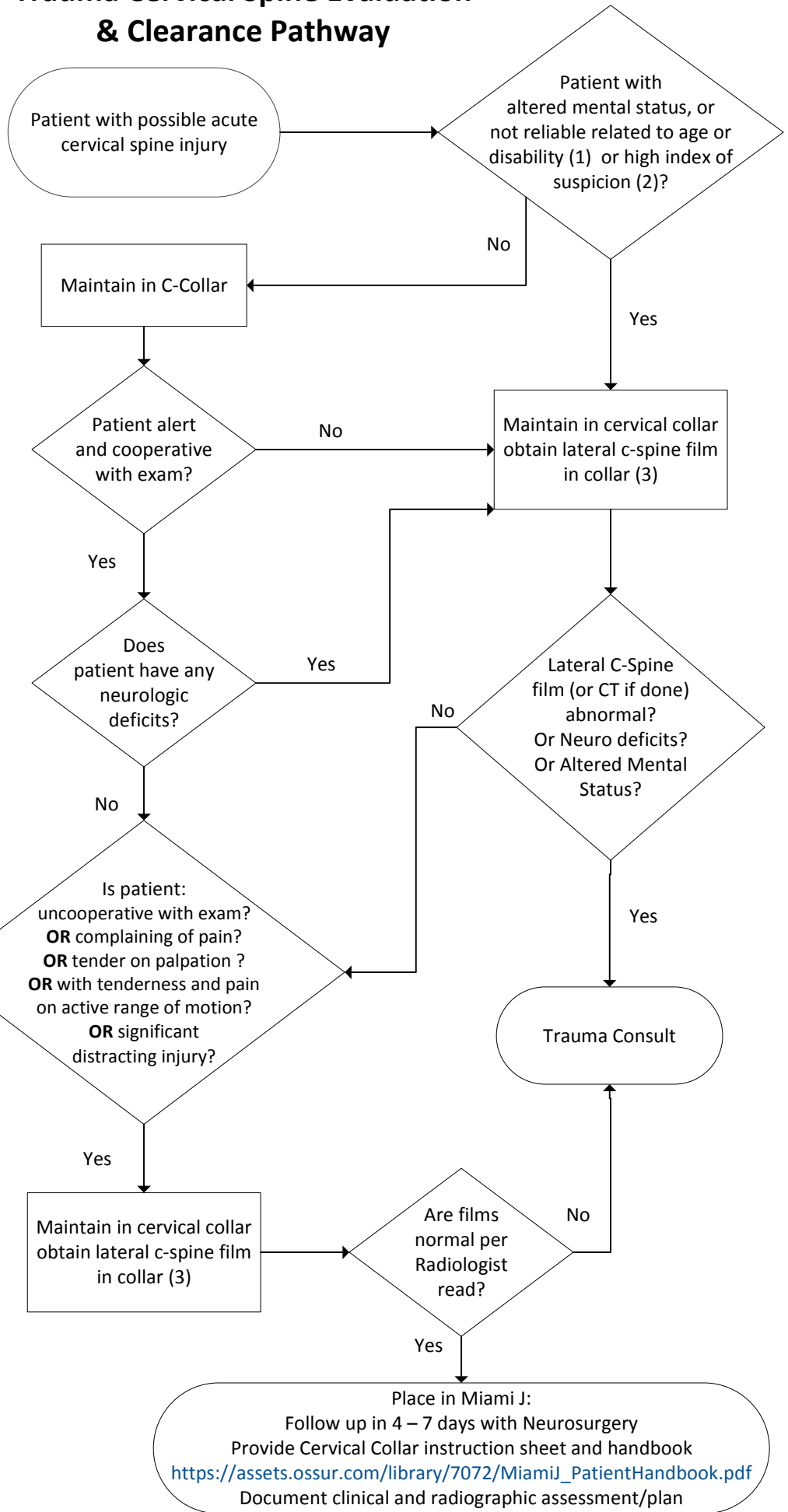
(1) As per NEXUS and CCR, child must be conscious, awake, alert, and communicative > 3 years old to be assessed for C-spine clearance by physician. No drugs/ intoxication

(2) High index of suspicion (high energy transfer) includes but is not limited to:

- a fall from an elevation ≥ 3 ft or 5 stairs
- an axial load to the head (e.g., diving)
- a motor vehicle collision at high speed (>50 miles/hr) or with rollover or ejection
- a collision involving a motorized recreational vehicle
- a bicycle collision

(3) Consider CT and Trauma Consult as initial imaging if high clinical concern such as localizing neurologic deficit

Definition
c-collar = hard collar (Miami J)



cervical collars

Cervical collars are used to treat a neck injury. There are two types of cervical collars:

 Soft foam collar - Your physician has determined your condition is muscular. A soft foam collar may help with your discomfort until your muscles have time to heal. It should be worn until you follow up with your family medical doctor.

 Hard cervical collar (Miami-J®) – If your physician has prescribed a hard cervical collar, it is because your physician has determined **either**:

Your child has the following serious injury: <hr style="width: 50%; margin: 5px auto;"/> and his/her neck must remain securely in the collar.	or	A serious injury is possible and more time is needed for your child’s neck to heal.
Care instructions: <ul style="list-style-type: none"> Have your child wear the Miami-J collar at all times (including bed time). Your child must continue to wear the hard collar for _____ weeks. Call the neurosurgery clinic on the first weekday at 937-641-3461 to schedule an appointment for _____ days / weeks from now. 		Care instructions: <ul style="list-style-type: none"> Have your child wear the Miami-J collar at all times (including bed time). Your child must continue to wear the hard collar until seen in neurosurgery clinic in 4-7 days. Call the neurosurgery clinic on the first weekday at 937-641-3461 to make this appointment. At the time of the appointment, the neurosurgeon will determine if your child can safely have the collar removed or if additional medical imaging (X-ray, CT scan or MRI) is needed.

Look at the Miami-J patient handbook for tips on:

- Bathing
- Cleaning the collar
- Removing the chest plate while eating or drinking
- And more

View the handbook at: https://assets.ossur.com/library/7072/MiamiJ_PatientHandbook.pdf

