Carbon Monoxide Poisoning Patient Flow Diagram

STRICU MD

Phone call from LifeFlight

Review criteria for treatment: less than 24 hours from exposure AND symptomatic (headache, malaise, lethargy, fatigue, nausea).

Have dispatch call RT supervisor (1781, 5640, beeper 71-1000) to call in RT for HBO_2.

Call Physician (233-1330) if Thompson, Goddard, Pearl, Dean, or Cloward. Otherwise, STRICU MD is HBO_2 MD.

Hyperbaric MD

Accept/evaulate patient

History: exposure details and start and end times/dates, when O_2 started, LOC, current symptoms

Physical: neuro exam, basic physical

Contraindications/increased risk factors: pregnant (unless signs of fetal distress), current Bleomycin or Adriamycin, pacer/ICD (call company), seizure disorder, COPD, CHF.

Blank blue CO patient charts are located in the black rolling file cabinet (with the other patient charts). Charts contain standing orders, treatment logs, consent, and patient education materials.

Pre-HBO_2 Workup: (standing orders)
1. Labs not completed previously (COHb, CPK/Troponin)
2. ECG.
3. CXR if hx lung disease or aspiration.
4. IV fluids if clinically indicated.

Review risks/benefits and obtain consent from patient/family. Co-sign form as witness. ***RT cannot do this!***

Patient cleared? Consent obtained?

No → ED to finish O_2 course

Yes

Complete and sign CO standing orders.

Review ECG and labs. If CV abnormal, order f/u ECG, echo, CV consult, etc.

Accept one patient to the department at a time. Decide who gets treated first.

Assist RT with logistical/technical issues. Please ask if they need help.

If sedation is necessary, consider Zyprexa (Zydis) or Ativan. Call the floor pharmacist for any drugs needed for our patients. (p) 242-3827

Patient disposition:
- Home to return for treatment (patient should not be driving)
- Hotel stay may be possible - RT can arrange through nursing supervisor
- < 24 hour hold or admit
- Suicide - psych eval. Kathleen Acree (p) 249-5173. After hours. ED can contact crisis social worker.

Be available for calls from RT for problems:

Clearing ears:	Anxiety:	Seizure:
1. Remove patient	1. Ativan 0.5 - 1 mg PO or IV	1. Seizure protocol
2. Afrin/Sudafed	2. Pharmacist 249-3827	2. Assess/admit
3. Instruction		
4. Attempt tx		

Discharge teaching, progress note.

Hyperbaric RT

Register Patient:
7 AM - 8 PM call x8177 (phone bank)
8 PM - 7 AM call x2200 (bed control)
Ask for a ***Series Hyperbaric*** number!
Dx is "***Carbon Monoxide Poisoning***"
Attending MD is covering HBO_2 MD.

Consent Signed?

No → Register Patient

Yes

Prepare patient for treatment:
Provide linen and instruct patient to change. Provide urine specimen cup. Supervise to bathroom. Do not interrupt oxygen.

Check vitals and ears. Teach patient to clear ears. Teach patient to use regulators and test.

Begin Treatment 1:
3.0 atm abs (25-5-25-5) then
2.0 atm abs (30-5-30)

Tolerating treatment?

Yes

During treatment 1:
1. Call ED for EMS/ED documents.
2. Assist withpatient disposition.

No → Be available for calls from RT for problems

Schedule treatments two and three 6-12 hours apart. Confirm contact info.

Treatments 2 & 3:
2.0 atm abs (30-5-30-5-30)

Give CO education materials and discharge sheet to patient.