Screening for Carbon Monoxide (© 2000, Albert Donnay, MHS, Donnay E	CO) Pois	soning &	Related D	isorders (page 1 of 2) 410-889-6666, adonnay @ jhu.edu
				_
Patient Name:				
Date:/_ / Screened by: 1) Suspected CO Exposure: No		from /	/ to	/ / Specify CO Source:
1) Suspected CO Exposure: UNO	⊔ Yes,	110111/_	/(O	or Specify:
□ Vehicle □ Boat □ Fire □ Dicl	niorometr	nane ⊔ Ap	pliance/Oil nm Bres	ath CO: ppm COHb:%
Date(s) of Each Test: Max CC	J exposu /	ie p	/	
2) Current CO Symptoms: Have you for at least the last month? Check rest or medication and NOT due ☐ headache or migraine ☐ Suspect CO poisoning if 3 or 4	ou had ar k only the to any oth physical 4 of 4, po	ose sympt ner illness <u>I fatigue</u> ssible if 2	ollowing syr oms that an including: ighthat in mental of 4, but un	nptoms every day (or almost every day) e NOT substantially relieved by either fatigue
☐ Odors ☐ Lights ☐ Sounds → Suspect CO poisoning if 5, 6 6	☐ <u>Tastes</u> or 7 of 7,	<u>□ Touc</u> possible il	<u>h</u> □ <u>Heat (</u> 4 of 7, but	Do you have reduced tolerance to any of: or Cold □ Drugs or Alcohol = of 7 unlikely if only 1, 2 or 3 of 7
4) Current Facial Asymmetry. Lo a. ☐ Right Pupil & Left Mouth b. ☐ Left Pupil & Right Mouth → Suspect chronic CO poisoning	ok in a m c.□ <u>Righ</u> d.□ <u>Left</u> g if 4a or	iirror with y t Pupil On Pupil Only 4b, milder	your face re <u>ly</u> e.□ <u>Ri</u> f.□ <u>Le</u> /briefer CO	laxed, Do you see any drooping or lower: ght Pupil & Right Mouth eft Pupil & Left Mouth if 4c or 4d, and Bell's Palsy if 4e or 4f
5) Current CO-Related Diagnoses	(given b	y physicia	n or other h	ealth care professional) = of 21
→ Suspect CO poisoning if 7 or	more, po	SSIDIE IT 4	# Days	List All Current Prescription Medications
Check Current Diagnoses below but only if Symptoms (Sx) have been experienced in the last week		Age Sx Stopped	treated	and Supplements below, but Check only those that are taken at least once every day.
☐ Attention Deficit Disorder or ADHD				If oxygen therapy is prescribed, list should
☐ Anemia or Hemochromatosis				be reviewed by physician with patient to
☐ Asthma of any kind				identify non-essentials that may be weaned.
☐ Autism or Autism Spectrum Dis.				0
☐ Blurred or Painful Vision				0
☐ Chronic Fatigue Syndrome/ME				
□ Depression of any kind				
☐ Dermatitis, especially red rash				
□ Diabetes				
☐ Epilepsy of any kind				
☐ Fibromyalgia				
☐ Heart Disease of any kind				0
☐ Imitable Bowel Syndrome				0
☐ Memory Loss or Alzheimer's				
☐ Mitral Valve Prolapse				
☐ Multiple Chemical Sensitivity				
□ Neurasthenia or Nervousness				
☐ Panic, Paranoia or Fears				0
☐ Parkinson's or Parkinsonism				
☐ Recurring Headache / Migraines				0
☐ Tinnitus or Painful Hearing				0

Check if High or Low Date Drawn: Dat	12 16201Ae aila Or Baba Harri
Check if □ High or □ Low	
Normal non-smoker <2 %	OHb Gap = □H Normal V-A Gap < 0.2 NOT normal if A >> V
$\bigcirc 2 \text{ Sat} = $	2 Sat Gap = □L Normal A-V Gap > 30
PO2 = PO2 = H PO	O2 Gap = □L Normal A-V Gap > 55
PCO2 = DLDH PCO2 = DLDH PC	CO2 Gap=
	PH Gap = □L □H Normal pH Gap < 0.1
HCO3 =	ICO3 Gap = □L □H Normal V-A Gap = 2
* Normal adult (healthy) ranges shown above are from Good Samaritan Hospitals in Other Testing that should be done when blood samples are drawn ar Heart Rate = Respiration Rate = Blood Pressure = OTE: Insurance usually pays for this blood testing and O2 if prescribed	nd considered in interpretation Weight =

1.html lverse Oger). related symptoms resolve (usually 1 to 2 months) and blood g Prescription should specify nasal cannula or partial non-rebreather mask with bag (if tolerated); oxygen concentration, either 99% USP (available via rental of either O2 tanks or liquid O2 systems) or clinically equivalent 93% USP (available via rental or purchase of O2 concentrators); and oxygen flow rate (recommend 5 or 6 liters/minute, which is the max that most concentrators can do). Also consider weaning patient from all non-essential drugs and supplements while on daily oxygen (see list over), except keep daily anti-oxidant. Teach patient to breathe only via nose while on O2, 4 seconds in and 6 seconds out maximizes O2 uptake.

E. FOLLOW-UP

If untreated, no follow-up needed but recommend patient return for re-testing if symptoms worsen. If treated with O2, recommend monthly follow-up to retest blood gases. Daily treatment should continue until chronic symptoms resolve (usually within 2-4 weeks) and blood gases normalize (usually within 2-4 months). If chronic symptoms return within one week of stopping daily O2, resume O2 and retest after 4 more weeks. If symptoms still recur during stress or toxic exposures, consider prescribing portable oxygen (USP 99 or USP 93) for up to 2 hours per day as needed during such emergencies. Note that small canisters of USP 99 oxygen containing a 10-15 minute supply are available without a prescription from www.rei.com. The canister is attached to a small nasal mask and small enough to fit in a purse or pocket. It can be taken anywhere for emergency use except on commercial aircraft.