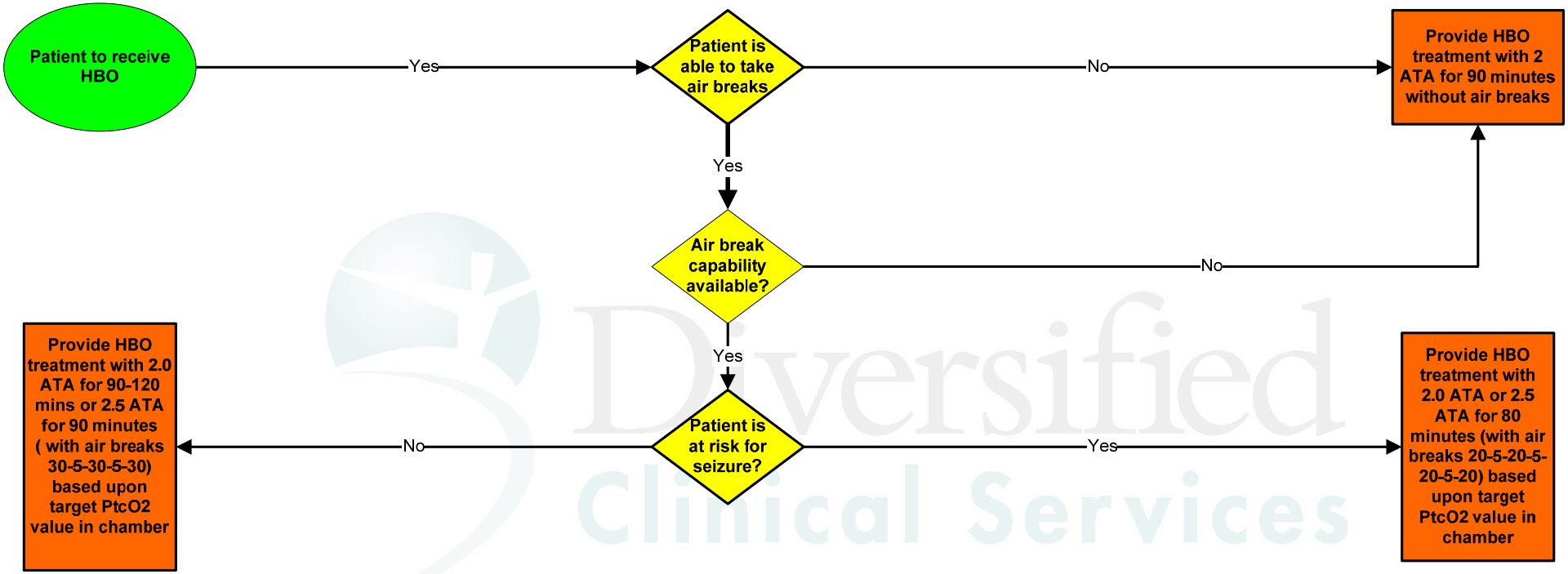
DCS CPG: **H01.03 TREATMENT PROFILE DECISIONS…SELECTING THE RIGHT PROFILE**



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Select the appropriate treatment profile or table based upon the diagnosis justifying hyperbaric oxygen treatment and the patient's risk assessment. **Remember that for diabetic lower extremity wound patients specifically, a target PtcO2 >200mmHg should be achieved at the treatment profile/table selected. PtcO2 values >100, <200mmHg in uncertain zone while those <100mmHg are felt to be ineffective (see H02.01AB).** **Air break capability in the monoplace hyperbaric chamber increases the treatment profile/table options for each condition.** **Never administer 100% oxygen at a pressure greater than 2.0 ATA without air break capability.**	**Indication**	**Treatment Profile**
	Mechanical effects of HBO • Air or gas embolism • Decompression sickness **Treatment of Hypoxia** • Crush injury, compartment syndrome, and other acute traumatic ischemias • Enhancement of healing in selected problem wounds • Exceptional blood loss anemia • Delayed radiation injury (soft tissue and osteo necrosis) • Preparation and/or preservation of compromised skin grafts or flaps • Thermal burns **Bacteriostatic/cidal effects** • Clostridial myositis and myonecrosis • Intracranial abscess • Necrotizing soft tissue infections • Refractory osteomyelitis **Treatment of poisoning** • Carbon monoxide poisoning and/or cyanide poisoning [1] Must be able to administer air breaks [2] May use 3.0 or 2.8 ATA depending upon severity and air break capability, Weaver protocol, or 2.0 if no air break capability [3] See details in H01.02 [4] May use 3.0 or 2.8 ATA but must have air break capability, may use 2.0 ATA if no air break capability but likely less effective	**Mechanical effects of HBO** • USN TT 6[1] • USN TT 6[1] **Treatment of Hypoxia** • Wound Healing 1-5[3] • Wound Healing 1-5[3] • CO Poisoning[2] • Wound Healing 1-5[3] • Wound Healing 1-5[3] • Wound Healing 1-5[3] **Bacteriostatic/cidal effects** • Gas Gangrene[4] • Wound Healing 1-5[3] • Gas Gangrene[4] • Wound Healing 1-5[3] **Treatment of poisoning** • CO Poisoning[2]

Treatment Table	Pressure ATA	Oxygen Breathing Minutes	Air Breaks	Air Break intervals
Wound Healing 1	**2.0**	**90**	**No**	**NA**
Wound Healing 2	**2.0**	**90**	**Yes**	**30**-5-**30**-5-**30**[1] **20**-5-**20**-5-**20**-5-**20**[2]
Wound Healing 3	**2.0**	**120**	**No**	**NA**
Wound Healing 4	**2.0**	**120**	**Yes**	**30**-5-**30**-5-**30**-5-**30**[1] **20**-5-**20**-5-**20**-5-**20**-5-**20**-5-**20**[2]
Wound Healing 5	**2.4 or 2.5**	**90**	**Yes**	**30**-5-**30**-5-**30**[1] **20**-5-**20**-5-**20**-5-**20**[2]

[1] Standard air breaks are given for 5 minutes at 30 minute intervals.
[2] Air breaks are given for 5 minutes at 20 minute intervals in patients who are at increased risk for CNS oxygen toxicity or who have had a previous oxygen toxicity seizure during HBO.
Compression and decompression are on 100% oxygen in monoplace chamber, air in multiplace chamber.

See also DCS HBO 05.01AB Preventing and Managing Complications