

HOBIT Trial – Chamber and Subject Log (Rev. 10)

Date: _____

Institution: _____ Subject ID: _____ HOBIT Study Arm: _____

Treatment No. _____ of 10 Circle Type of Chamber: Multiplace / Monoplace

INITIAL Hyperbaric Vent Settings: Set Vt _____ Set RR _____ Minute Ventilation (MV) _____ Spont. RR _____
 Spont. Vt: _____ PEEP: _____ PIP: _____ **Baseline (ICU) FiO2:** _____ PF ratio _____
INITIAL ABG on Hyperbaric (HBO) Ventilator: PH _____ PCO2 _____ PO2 _____
 Initial Time Subject on Hyperbaric Ventilator: _____ ABG Draw time: _____ ABG FiO2: _____

**** NOTE:** If the **INITIAL** ABG values (above) require changes to the hyperbaric ventilator, please record the vent changes **and** the **REPEAT** ABG values in this lower gray box along with the PF ratio **BEFORE** starting the hyperbaric treatment.

REPEAT Hyperbaric Vent Settings: Set Vt _____ Set RR _____ Minute Ventilation (MV) _____ Spont. RR _____
 Spont. Vt: _____ PEEP: _____ PIP: _____ **Baseline FiO2:** _____ PF ratio _____
REPEAT ABG on Hyperbaric Ventilator: PH _____ PCO2 _____ PO2 _____
 Time of Hyperbaric Vent Changes: _____ Repeat ABG Draw time: _____ and ABG FiO2: _____

Chamber Treatment Times

| Start Pressure | Time | Reach Pressure | Time | Leave Pressure | Time | End Pressure | Time | Total HBO Time |
|----------------|------|----------------|------|----------------|------|--------------|------|----------------|
|----------------|------|----------------|------|----------------|------|--------------|------|----------------|

↓
Record Data Every 15 Minutes
↓

| Clock Time | Brain O2 | MAP | ICP | CPP | PIP | RR | MV | Comments |
|------------|----------|-----|-----|-----|-----|----|----|----------|
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SYMBOLS: Brain O2 (If available) MAP (Mean arterial pressure) ICP (Intracranial Pressure) CPP (Cerebral perfusion pressure)
 PIP (Peak inspiratory pressure) MV (Total measured minute ventilation = RR x Vt) **PF ratio = PaO2 ÷ FiO2** (Example: 150mmhg ÷ 0.40 = PF ratio 375)

ENDING TIME OF 100% FiO2: After HBO: _____ or After NBH: _____

ICP > 22 Comments: _____ Measured by: EVD Ventric

CPP < 60 Comments: _____

MAP < 70 Comments: _____

MAP > 125 Comments: _____

Completed by: _____ Title: _____

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Instructions:

1. NEWEST REVISION: Please reference the HOBIT Workbench for the latest Revision: [Chamber and Subject Log](#)
2. UPLOADING FORM TO WEBDCU: Please upload as PDF to WebDCU and only upload page one of this form, not the “Instructions” on page two.
3. ADDITIONAL COMMENTS: If additional space is needed for comments, use a separate page and upload to WebDCU as a PDF, along with the Chamber and Subject Log.
4. PERSON RECORDING: If possible have only one individual complete this form.
5. REAL-TIME DATA: It is important to accurately record treatment “dive” times, and all required subject data in the actual clock time.
6. RECORDING PERIOD OF 100% FiO₂: Please record when the subject is switched from 100% FiO₂ to the subject’s baseline (ICU) FiO₂. See lower box on Log.
7. IF RANDOMIZED TO HBO₂ + NBH: No NBH treatment should be given if the HBO₂ treatment is **missed/not initiated**. If the HBO₂ treatment is initiated and subsequently aborted, the NBH treatment should still follow the aborted HBO₂ treatment.
8. THE LOWER BOX: The lower box includes check boxes for **ICP, CPP and MAP** parameters. Please note and record a brief comment of the situation or action taken in this box.
9. SIGNING FORM: The person filling out the Chamber and Subject Log should sign their name and provide their title at the bottom of the form.
10. TOP GRAY BOX: An ABG is to be drawn after the subject has been placed on the hyperbaric ventilator **and is still on the baseline (ICU) FiO₂**. A PF ratio of 200 or more (calculated from this ABG) is required prior to initiating each HBO Treatment without a Hotline call.
11. SECOND GRAY BOX: If the **initial** AGB results require changes to the HBO ventilator settings, then a **repeat** ABG is required on the **new** ventilator settings. Record both the new HBO vent changes along with the ABG results and record the newly calculated PF ratio in the second gray box.