



[bara-medhyperbaric.com](http://bara-medhyperbaric.com)



# BARA•PRESS

## Comes Standard With All Chambers!

Since its introduction in 1987, BARA•PRESS has evolved with computer technology and is now in its 10<sup>th</sup> generation.

Administration of the SMOOTH RIDE curvilinear compression protocol which;

- Reduces incidence of barotrauma by 67%
- Provides greatly improved patient comfort

- *Increases likelihood of treatment continuation*

Produces an objective and auditable record of treatments

Provides a tamperproof, hard copy record document of each treatment

Improves overall recordkeeping accuracy

Interfaces with your medical record software, regardless of type

Eliminates need for operator dive time management and log keeping



## What is the Difference Between O.S.C.A.R. and BARA•PRESS?

BARA•PRESS is the software that controls chamber operations. It is resident in all our chambers. O.S.C.A.R. is a package that consists of the BARA•PRESS software, and the hardware that it controls (the guts of the chamber). An O.S.C.A.R. system is a free-standing unit that can be connected to a conventional pneumatically controlled chamber and take over the operation of the chamber. In effect, the *Select* chamber utilizes O.S.C.A.R., but instead of putting the mechanical components in a stand-alone housing, those components are attached to the chamber itself.

**Tech Note:**

# BARA-MED *Select*

## Improves care and saves costs.

**The BARA-MED *Select* is the first computer-driven HBOT chamber in the world.**

The only automated system on the market, the BARA-MED *Select* liberates physicians from manually activating every step of the process. Hospitals save time and resources.

### **The O.S.C.A.R. computerized control system streamlines patient care.**

Objective, auditable record of treatments  
Tamperproof, hard copy treatment record  
Improved overall recordkeeping accuracy  
Medical record software interface.

### **The industry leader for efficiency. Each chamber saves customers approximately \$8000 per year in oxygen costs\*\*.**

The BARA-MED *Select* runs as efficiently as technologically possible, consuming 90 liters of oxygen per minute compared to 240 liters in competing chambers.

### **A record-setter for customer continuation rates.**

The chamber's exclusive SMOOTH RIDE technology cuts the incidence of barotrauma by 67 percent\*, prompting more patients to finish treatment. SMOOTH RIDE creates a curvilinear compression protocol.

### **Remote online diagnostic capabilities reduce downtime.**

Tune-ups and repairs occur online without transporting the chamber, reducing downtime to mere hours, compared to days with competing chambers.

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## **SYSTEM FEATURES:**

- Gurney undercarriage storage optimizes workflow\*\*\*
- SMOOTH RIDE curvilinear compression profile reduces the incidence of barotrauma by 67 percent
- Passive pressure relief mattress safely treats wider patient profile
- Greater patient internal volume
- Scoop litter and effective rail placement optimizes internal chamber space
- Saves operational costs year after year due to lower oxygen consumption (90–400 SLPM)
- Patient capacity up to 700 pounds

\*Zwart BP. The SMOOTH RIDE profile: Development, implementation and evaluation of a hyperbaric chamber descent and ascent based on a constant rate of volume change with time. Davis Hyperbaric Laboratory Report, Brooks AFB, Texas, 1998.

\*\*based off the average cost of gas multiplied by the difference of the flow through rate of our competitors and our chambers.

\*\*\*Patent No. 9,138,366

For more information visit [bara-medhyperbaric.com](http://bara-medhyperbaric.com)



# BARA-MED *Select* GURNEY GARAGE

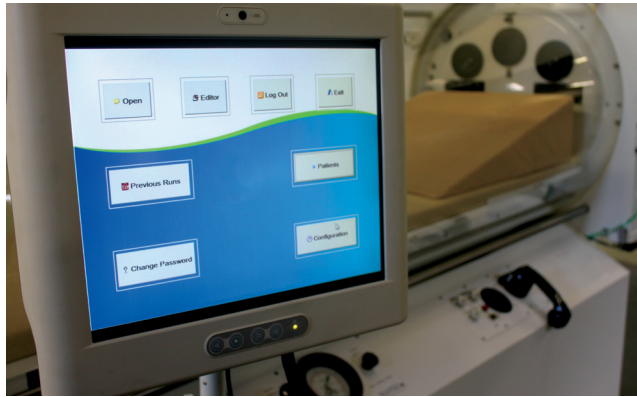
Patented\* Gurney Undercarriage Storage for Optimized Workflow.



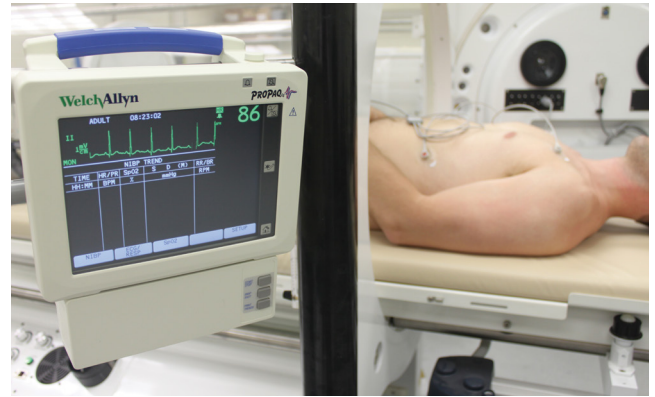
The BARA-MED *Select* is equipped with a groundbreaking undercarriage storage area known as the gurney garage. This patented\* device optimizes the treatment room, preserving extra floor space when the patient is in the chamber. The gurney is easy to store, effortlessly folding and lowering back to position while giving the technician ample room to work. The garage ensures a safe and efficient way to store the gurney.



Visit [bara-medhyperbaric.com](http://bara-medhyperbaric.com) for more information.



CAPABILITY TO INTERFACE WITH ELECTRONIC MEDICAL RECORDS (EMR)



FULL PATIENT MONITORING WITH STANDARD CONNECTORS



PATENTED\* GURNEY UNDERCARRIAGE STORAGE



All chambers fit through standard 42" doors and freight elevators

## TECH SPECS

Maximum Operating Pressure .....	3 ATA (29.4 psi)
Design Temperature .....	0 to 100°F (-18 to 30°C)
Hospital Gas Supply Pressure .....	50 to 100 psi (3.52 to 7.03 kg/cm <sup>2</sup> )
Pressurization / Depressurization Rate .....	0.5 to 5 psi/min
Ventilation Rate .....	90 to 400 SLPM
Emergency Exhaust Rate .....	29.4 psi to 1 ATA (in under 120 seconds)
Internal Diameter .....	34 in (864 mm)
Internal Length .....	89 in (2261 mm)
Internal Volume .....	45.4 ft <sup>3</sup> (1.28 m <sup>3</sup> )
Overall Width .....	41.625 in (1057 mm)
Overall Length .....	107 in (2718 mm)
Overall Height .....	69 in (1753 mm)
Maximum Recommended Patient Weight .....	700 lbs(317.5 kg)
Gross Chamber Weight .....	2,162 lbs (981 kg)

### Codes and Compliances

US FDA 510 (k)  
 ASME PVHO-1  
 ISO 13485  
 NFPA 99  
 ISO 9001  
 IEC 60601-1-1  
 IEC 60601-1-2  
 Canada Medical Device No. 91149



# BARA-MED

Provides all the advantages of the BARA-MED *Select* but with a 30" tube that will accommodate a 500 lb patient weight limit.

Includes the BARA•PRESS computerized control system;

- *Objective, auditable record of treatments (even when not tied into an EMR system)*
- *Tamperproof, hard copy record document*

- *Improved overall recordkeeping accuracy*

- *Medical record software interface*

SMOOTH RIDE curvilinear compression profile reduces all barotraumas by 67%

Greater patient internal volume

Passive pressure relief mattress, which safely treats wider patient profile

Scoop litter and effective rail placement optimizes internal chamber space

Ventilation rate of 90–400 SLPM reduces oxygen consumption





## TECH SPECS

**MAXIMUM  
OXYGEN  
SAVINGS**

All chambers fit through standard 42" doors and freight elevators

### **BARA-MED Monoplace Hyperbaric Chamber**

Maximum Operating Pressure .....	3 ATA (29.4 psi)
Design Temperature .....	0 to 100°F (-18 to 30°C)
Hospital Gas Supply Pressure .....	50 to 100 psi (3.52 to 7.03 kg/cm <sup>2</sup> )
Pressurization / Depressurization Rate .....	0.5 to 5 psi/min
Ventilation Rate .....	90 to 400 SLPM
Emergency Exhaust Rate .....	29.4 psi to 1 ATA (in under 120 seconds)
Internal Diameter .....	30 in (762 mm)
Internal Length .....	89 in (2261 mm)
Internal Volume .....	40 ft <sup>3</sup> (1.13 m <sup>3</sup> )
Overall Width .....	41.625 in (1057 mm)
Overall Length .....	97 in (2464 mm)
Overall Height .....	59 in (1499 mm)
Maximum Recommended Patient Weight .....	500 lbs (226.8 kg)
Gross Chamber Weight .....	1,700 lbs (771 kg)

### **Codes and Compliances**

US FDA 510 (k)  
 ASME PVHO-1  
 ISO 13485  
 NFPA 99  
 ISO 9001  
 IEC 60601-1-1  
 IEC 60601-1-2  
 Canada Medical Device No. 91149

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