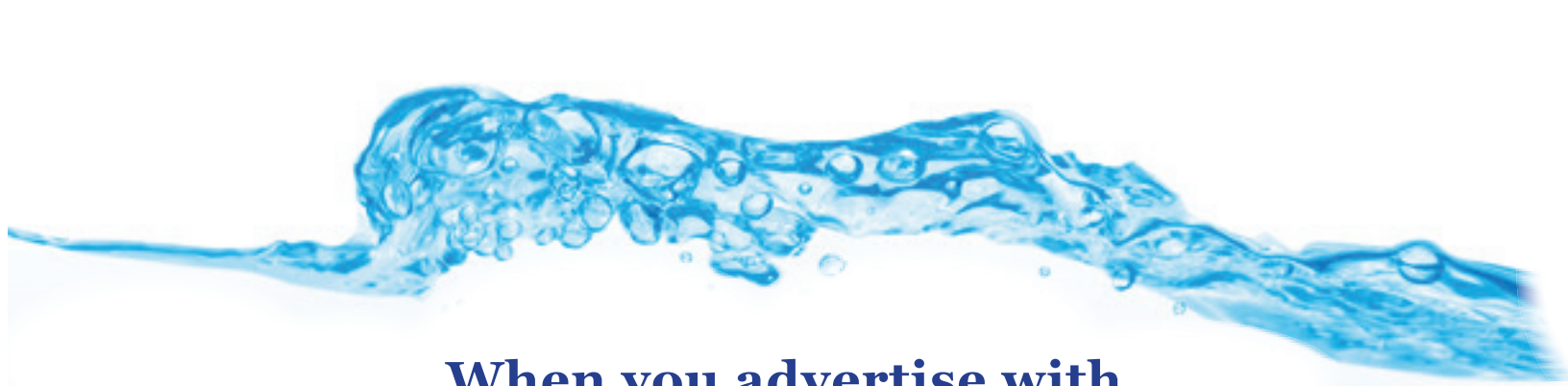


UNDERSEA & HYPERBARIC MEDICAL SOCIETY



**MEDIA
2023**



When you advertise with the Undersea and Hyperbaric Medical Society you are reaching out through one of the oldest and most respected organizations of its kind.

- ◆ The UHMS was established in 1967 as an international forum for scientific and technical exchange to advance manned undersea activity. It was foreseen that this community of interest would stimulate the collaborative growth of basic and applied research and technological development in diving and would improve the depth, duration, effectiveness and safety of undersea activities to their ultimate limit.
- ◆ The scope of the Society changed – as did its name – later in response to a surge of interest and the accumulation of data in the field of hyperbaric medicine. The increased dissemination of quality scientific writing and commentary among diving and hyperbaric oxygen clinicians and scientists working in related fields has helped to enhance the reputation of hyperbaric therapy among Society members as well as that of physicians working in other areas.

UHMS objectives & commitments

- Provide a forum for professional scientific communication among individuals and groups involved in basic and applied studies in the life sciences in diving and hyperbaric medicine.
- Promote cooperation between the life sciences and other disciplines concerned with undersea activity and hyperbaric medicine.
- Promote educational activities and other programs to improve the scientific knowledge of matters related to hyperbaric medicine and diving.

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www.uhms.org



The *Undersea and Hyperbaric Medicine Journal*

The Society's peer-reviewed scientific journal, *UHM*, is available to UHMS members free as a PDF and via subscription for print copies.

The *UHM* Journal CME program, launched in 2015, provides *AMA PRA Category 1 Credit™* for physicians as well as Maintenance of Certification (MOC) for ABPM board-certified physicians. A minimum of two papers per Journal issue will be eligible for credit.

The editorial content of *UHM* comprises papers from a committed and worldwide membership and includes:

- ♦ **Research reports** ♦ **Clinical communications and clinical case reports**
 - ♦ **Review articles** ♦ **Current issues** ♦ **Technical communications**
- ♦ **Proceedings of symposiums or workshops** ♦ **Letters to the editor**

To honor its responsibilities to its readers and to the public at large, the *UHM* Journal strives to provide unbiased scientific information and fair analyses through its publication.



ADVERTISING

Undersea and Hyperbaric Medicine Journal

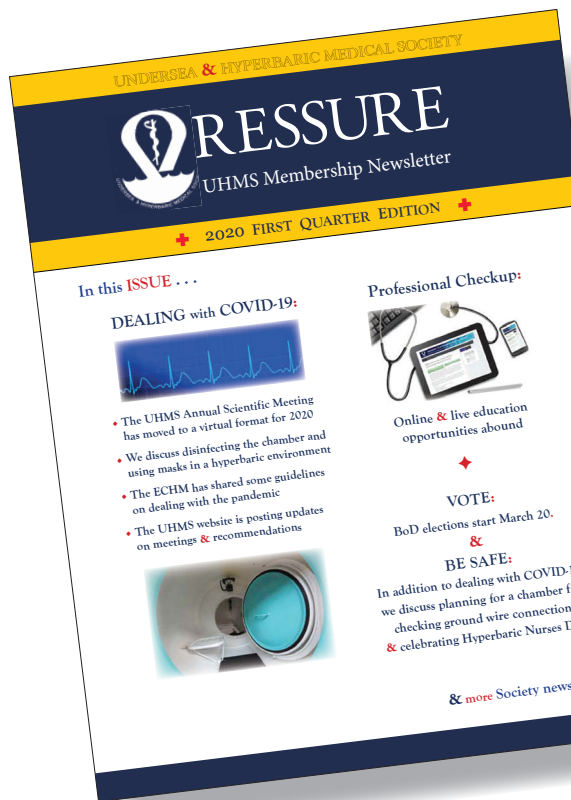
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4 x full page	\$4500	\$2460
6 x full page	\$5750 <i>best buy</i>	\$3200 <i>best buy</i>
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PROGRESS REPORT: STROKE AMBULANCE PROJECT
UHMS members and leaders unite to develop prototype

BACKGROUND
Help is on the way for stroke patients in the United States. As reported in the November-December 2013 issue of *Pressure*, Wake Forest Health Sciences of the Wake Forest Baptist Medical Center is developing a prototype stroke treatment ambulance equipped with a hyperbaric oxygen chamber. One of its goals is to see it designated as an approved research vehicle. The stroke ambulance will become the platform for a Phase II Human Clinical Trial necessary for FDA approval of the therapy. The principles outlined in the 2011 paper "Treatment of acute stroke with hyperbaric oxygen: Time windows and safety" were published in *Undersea and Hyperbaric Medicine*, issue 38, vol. 5. UHMS Fellow and principal investigator James McCormick: "Our work is moving toward using ambulance-based hyperbaric oxygen as a bridge to better acute treatment with tissue plasminogen activator (tPA) for thousands more stroke patients each year." The oxygen treatment will be a safe tPA administration by ambulance to ischemic acute stroke therapy. Patients with the ability to receive tPA within the three-hour post-stroke window are currently limited to a safe hyperbaric chamber. McCormick, et al., 2011. We are designing and building a stroke ambulance equipped with a two-man hyperbaric chamber so that once the patient is picked up after calling 911, the time clock limit can be extended. "This greatly increases the number of patients who can get the acute treatment they need." McCormick, et al., 2011. The only major medical center in the United States that is a stroke center for tPA is the only FDA-approved treatment for ischemic stroke.

15 minutes (11 miles) standard ambulance

Two hours (90 miles) HBO2 stroke treatment ambulance

Map is by ©2011 Google-Map Data after McCormick, et al., 2011 UHMS.

Map is by ©2011 Google-Map Data after McCormick, et al., 2011 UHMS.

Above: Range a standard ambulance can go to get an acute stroke patient and still have time to work up the patient at hospital for tPA within the FDA three-hour post-stroke window compared to increased range of an HBO2 chamber-equipped stroke treatment ambulance.

Presently, with the time needed to prepare a patient for tPA administration within the three-hour FDA window, an ambulance can travel only about 15 minutes (11 miles) or less with the acute stroke patient to get to a Joint Commission Approved Stroke Center.

PRESSURE • The Membership Newsletter of the Undersea & Hyperbaric Medical Society • January/February 2015 • 9

Pressure – UHMS Open-Access Newsletter

Available to everyone, *Pressure* is an informative and relevant publication that covers topics like these:

- ♦ Meetings and courses ♦ Membership news
- ♦ UHMS Committee reports ♦ Current issues
 - ♦ Current events ♦ Chapter news
 - ♦ Departmental reports and bulletins
- ♦ Targeted information for UHMS members

Pressure appears online quarterly on the UHMS website. Members receive an email notice when each issue is ready.

<https://www.uhms.org/publications/pressure.html>

About the Undersea and Hyperbaric Medical Society

The UHMS is an international scientific organization founded in 1967 to foster exchange of data on the physiology and medicine of commercial and military diving.

Over the intervening years, the interests of the Society have enlarged to include clinical hyperbaric oxygen therapy, with its accreditation program achieving ISO 9001:2008 certification.



The Society has grown to 2,000-plus members and has established the largest repository of diving and hyperbaric research collected in one place. Clinical information, an extensive bibliographic database of thousands of scientific papers, as well as books, and technical reports which represent the results of more than 100 years of research by military and university laboratories around the world are contained in the UHMS Schilling Library, now part of the Duke University Library, Durham, North Carolina.



The results of ongoing research and clinical aspects of undersea and hyperbaric medicine are reported annually at scientific meetings and in *Undersea and Hyperbaric Medicine*.

Previously the society supported two journals, *Undersea Biomedical Research* and the *Journal of Hyperbaric Medicine*. These two journals were merged in 1993.



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