

# ÅRSRAPPORT 2002

## DYKKERELATERT FoU

### INNHOLDSFORTEGNELSE:

#### IMPLEMENTERING / STANDARDISERING

NUI as                      Test Handbook for Diving Equipment. Vol 1.

NUI as                      Dykkeseminaret 2002

#### MILJØKONTROLL

STF78 F021038      Malvik,B: Måling av partikler i hyperbare boligkammer

STF78 F021043      Ahlèn,C.,Mandal,L.,Malvik,B.: FOU2002 Experimental dive to 250m:-Biological/Microbiological contamination of "Diving quality" Gas.

STF78 F021045      Malvik,B., Mjaavatten,O.(NUI).: Dive 250 Interlaboratory comparison – VOC.

STF78 F021041      Cleaning of saturation chamber breathing atmospheres

## **HYPERBAR MEDISIN**

NUI Report 11-02 Risberg,J., Hansson,T., Hesvik,R.: Stretcher transport of patient whitin NUI hyperbaric complex.

## **TRYKKENDRINGER**

- Artikkel            Nossun,V., Hjelde,A., Brubakk A.O.: Small amounts of venous gas embolism cause delayed impairment of endothelial function and increase polymorphonuclear neutrophil infiltration.  
Eur J Appl Physiol (2002) 86: 209-214
- Artikkel            Skogland,S., Segadal,K., Sundland,H., Hope,A.: Gas bubbles in rats after heliox saturation and different decompression steps and rates.  
J Appl Physiol 92: 2366-2639, 2002.
- Artikkel            Nordahl,SHG., Aasen,T., Risberg,J., Owe,JO., Mølvær,OI.: Postural Control and Venous Gas Bubble Formation During Hypobaric Exposure.  
Aviation, Space, and Environmental Medicine Vol. 73, No.3, March 2002
- Artikkel            Medby,C., Rø,H., Koteng,S., Juul,R., Krossnes,BK., Brubakk,AO.: Microdialysis in cisterna magna during cerebral air embolism in swine.  
UHM 2002, No. 3
- Artikkel            Hjelde,A., Bolstad,G., Brubakk,AO.: The effect of air bubbles on rabbit blood brain barrier.  
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Scand J Clin Lab Invest 2002;62:263-270

Artikkel Hjelde,A.,Hjelstuen,M., Haraldseth,O., Martin,JD.,  
Thom,SR., Brubakk,AO.: Hyperbaric oxygen and neutrophil  
accumulation/tissue damage during permanent focal cerebral  
ischaemia in rats.  
Eur J Appl Physiol (2002) 86: 401-405

## **HYPERBARE OPERASJONER**

NUI-report 05-02 Schönhardt,A.: Øvelse med OME Hyperbar Livbåt fra Toisa  
Polaris gjennomført ved NUI mandag 29. og tirsdag 30.  
oktober 2001

NUI-report 13-02 Eknes,E.: Verification of Diving Communication in chamber  
1,2,3 and 4 Nui Hyperbaric diving chamber system.

NUI-report 14-02 Sundland,H.: Evaluation of the Lightning System in NUI's  
Chamber Complex

## **DYKKENYTT**

Nr.1 – 2002

Nr.2 - 2002

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### **DYKKERELATERT FoU**

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