



# Persatuan Teknologi Malaysia

## THE TECHNOLOGICAL ASSOCIATION OF MALAYSIA

c/o Intelligence Technology Services Sdn. Bhd.  
560 & 562, Jalan Sultan Azlan Shah  
Sungai Nibong, 11900 Penang  
Tel: 04-658 2658 / 04-656 4537 Fax: 04-658 4452  
Email: itsac@streamyx.com / affotech@streamyx.com

PENANG BRANCH

### **TAM Penang Branch visits Hyperbaric Oxygen Therapy ( HBOT ) Centre.**

On 30 August 2008, 23 TAM members & their spouses visited the "HBOT Centre" in Penang. On hand to receive them was Dr Ng Su Lin, the manager of the Centre and her 3 staff.

Our members were briefed on the functions of the "HBOT Chamber" and followed by a tour of the Centre, including going inside and experiencing the atmosphere of the chamber.

Dr Ng explained that HBOT is the process of breathing-in 100% oxygen in high pressured environment. A typical session involves the breathing-in of 100% oxygen via a mask inside a "space ship" type chamber at pressures ranging from 2.0 to 2.4 atmospheric pressure for 90 minutes.

This type of Medical Treatment is more familiar among the divers for treating decompression illness.

The direct benefit of a HBOT session are:-

- Physically dissolve extra oxygen into the blood stream and tissues.
- Increase the oxygen levels in compromised tissues.
- Stimulate the formation of new vessels around non-healing wounds
- Immediately reduce swelling around the wounds

HBOT is internationally recognized for the treatment of other Medical Conditions, such as:

1. Problematic Wounds ( Diabetic Patients )
2. Crush Injuries.
3. Radiation Tissue Damages.
4. Infective Conditions.
5. Toxic Gas Poisoning.
6. Thermal Burns.
7. Compressed Skin Grafts and Flaps.
8. Intra Cranial Abscess.

The HBOT Centre in Penang is the first and the largest chamber in Malaysia.

There are only three HBOT Centres in Malaysia ( other than those used by the NAVY ). The other two are in Ipoh and Kuala Lumpur.

Pictures available at photo Gallery

**Reported by: Mr. BM Cheok**  
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