



# Engineering, Medicine and Hospital

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## Engineering and Medicine

**Innovation**


- Treatment
- Diagnostics
- Monitoring

**Automation**

- Efficiency
- Effectiveness
- Reduce human error


**Safety**

- Infection control
- Occupational Health

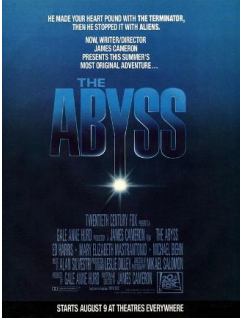





## New monitoring





## New treatment





## Liquid ventilation: impossible dream come true

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Resuscitation 2009 July 1; 78(3): 77-84.

### Liquid Ventilation with Perfluorocarbons Facilitates Resumption of Spontaneous Circulation in a Swine Cardiac Arrest Model

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Abstract



- Using liquid to carry oxygen causes much less damage to lungs in condition like SARS



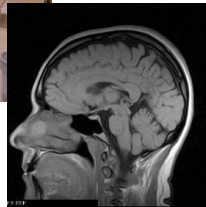
## New treatment



## New Diagnostics



Paul Lauterbur  
1929-2007



## Automation



sphygmomanometer



DINAMAP®



### Automation

Automation

Automation

### The device in action

The device in action

The device in action

### Automation

Automation

Automation

### Effectiveness

Effectiveness

Effectiveness

**Safety**




公院調錯嬰兒 三苦主告政府  
本報揭發醜聞三年 醫管局未尋回親人


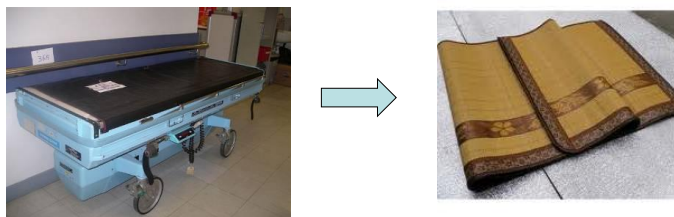
**Civil Engineering and Infection Control**




瑪麗女病人染退伍軍人症  
病房水龍頭有菌 院方圖隱瞞事件

瑪麗熱水消毒洗水管

**Dream of mine**

**Job opportunities**



- EMSD ( Electrical and Mechanical Services Department )
- Capital Works
- Procurement

