



尊重生命·人本醫療



佛敎大林慈濟綜合醫院
Buddhist Da Lin Tzu Chi General Hospital

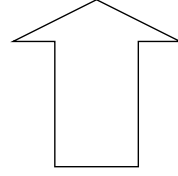
Sustainable Healthcare Waste Management

Superintendent, Dr. Sou-Hsin Chien
Buddhist Dalin Tzu Chi General Hospital, Taiwan

Innovative Use of Medical Waste



Pressure sore prevention

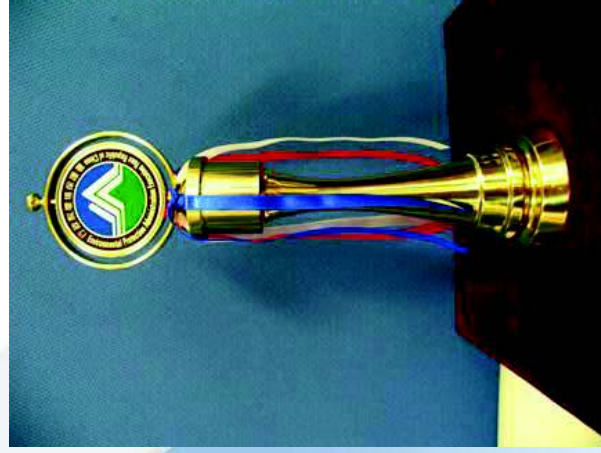


Health Promotion in the Environment in Hospital

- ✓ Resources recycling
- ✓ Reducing from the source
- ✓ Power saving
- ✓ Green building



Distinguish Awards for Environmental Protection



Three years in a row 2006-2008

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Strategy

- Three R
 - ✓ Reduce from the source
 - ✓ Reuse innovatively
 - ✓ Recycle
- Two E
 - ✓ Education
 - ✓ Encouragement

Make it a way of living in hospital

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Reduce

- Utilizing modern information technology
 - ✓ Hospital-wide hospital information system (HIS)
 - ✓ Electronic medical record (EMR)
 - ✓ Laboratory information system (LIS)
 - ✓ Picture archiving and communication system (PACS)
 - ✓ E-learning system
- Becoming a totally paperless and film-less hospital



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**The source
reduces waste**



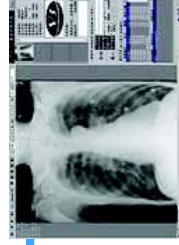
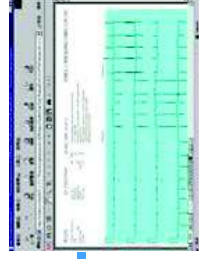
**All data can be accessed
through single line, single
monitor**



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Integrated System

Medical History, medication, orders



ECG Waveform



Lab Data

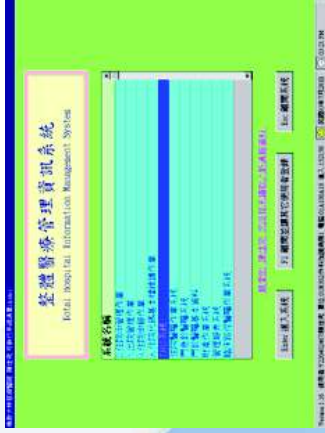


Patient Monitor

E-Hospital

Health Information System Hospital Administration

Notes



E-Learning Website

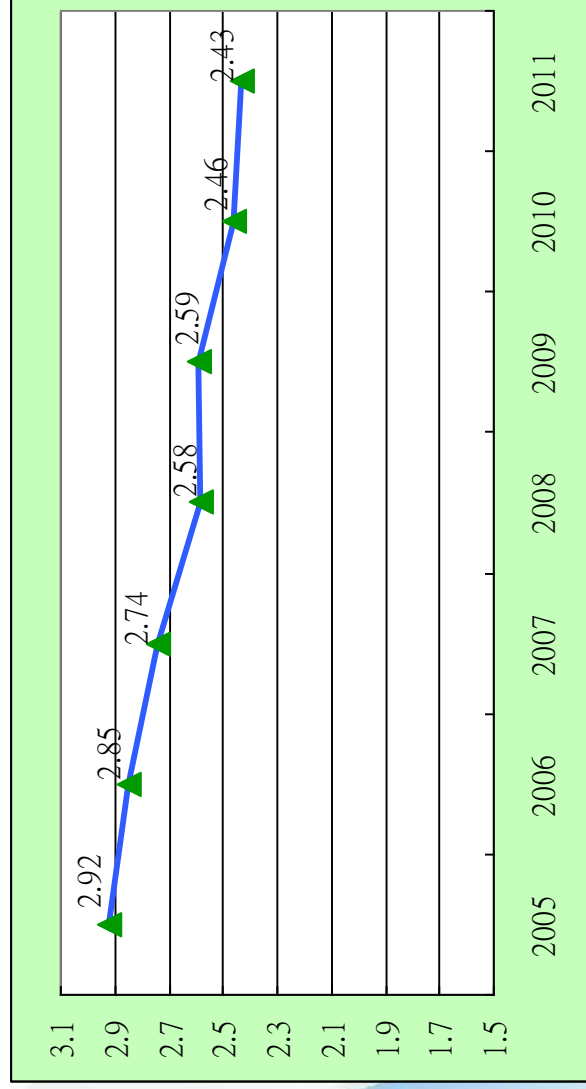


Health education for patients and community



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Waste per Hospital Bed per Day



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Reuse- innovatively



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Recycle

- We refrain from using disposable items such as **paper** or **plastic plates**, **cups**, **bowls** and **chopsticks** and mandate the use of reusable items whenever feasible.



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Recycle in the whole hospital campus



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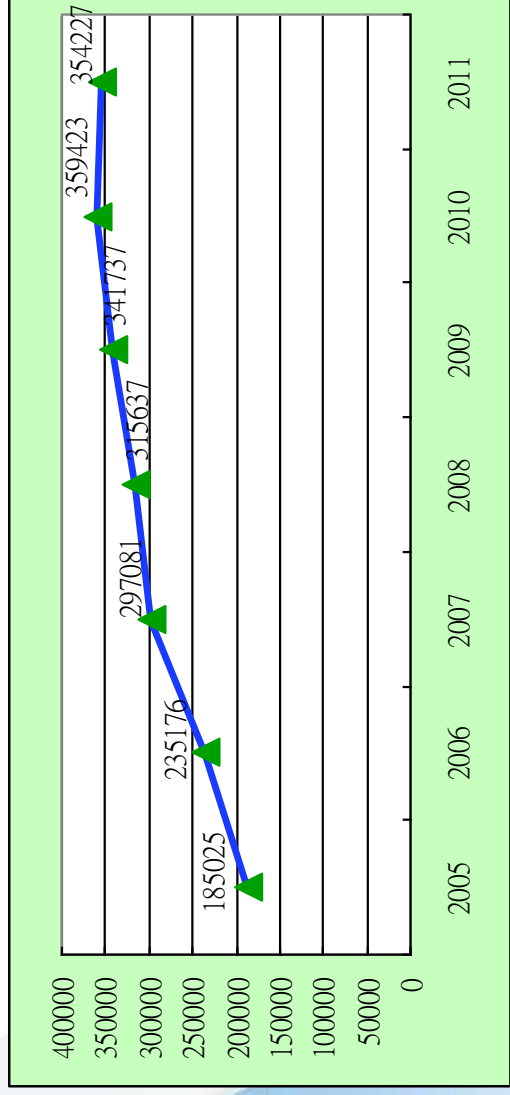
For a Better Recycle Environment

Different languages for users including Chinese, English, Tai, Indonesians



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Total Weight of Recycled Material



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點子

改用充電電池

原來如此！

- 一粒鈕扣電池可用，六百哩外無法飲用，
- 一顆一號鎳電池，能埋埋在泥土中，能破壞
- 一平方公里的土壤
- 充久失去利用價值

病人每用一次自控式止痛機器，就會消耗兩顆電池，那麼這摩多廢電池.....



病人自控式止痛機器



謝冠榮 醫師 林江

病人自控式止痛機器，麻醉科自97年起將非充電式電池改為充電電池，每個門少了約700顆廢電池，一年節省3600顆電池！小小改變減少對環境可是大大的保障呢！

麻醉科的環保撇步

用行動愛地球

軟袋回收前減廢



相信一止當世山日惡的示界
化作病人身心安頓的保障！



手術室廢棄物減量

大林慈濟手術室總是看到醫師忙進忙出地，但除了搶救病人的健康，他們也正在默默地守護大地的健康呢！他們也正在默默地守護與鞋子，

Education

- Hospital Staffs
- Hospital Contractors
- Patients and Family
- Community



Education for Staffs



Waste Reduction for Patients and Families



Encouragement

Pledge for environmental protection from the management Level



Signup



Encouragement

- ◆ Competitions for innovative waste reduction -45 competitors in 2011



Make a way of living



製作再生紙過程

