親愛的消費者:知識看不見 GMP一路走來有我相隨

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2007-12-14-藥檢局-藥品GMP 25週年研討會

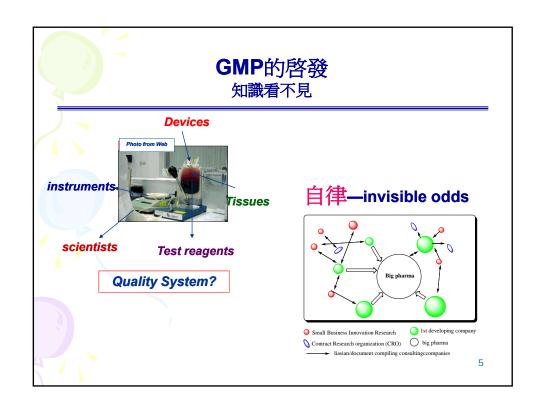
三本博士論文

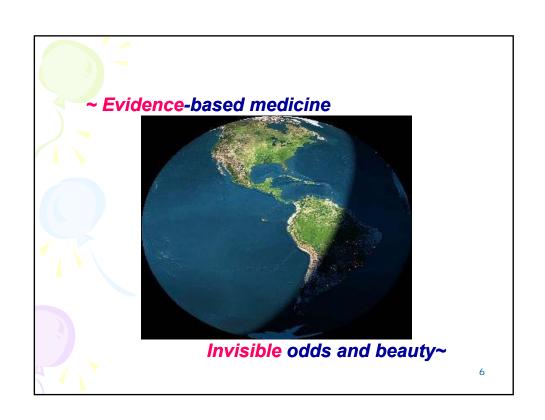
- 1. 產品經濟 vs 知識經濟
- 2. 由 🖟 東西 探討台灣文化的知識切割
- 3. 摩登原始人--品質與品味不同

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親愛的消費者: 知識看不見

优质用药的环境建构-藥物知識經濟的風險 2006-09-廣州上海北京-王民寧基金會中國藥學會兩岸交流研討會

知識產業: 品質+安全+療效

知識信任: 靠品牌 品牌靠自律

知識管理: 靠程序正義(監督)

知識交易: 靠智財保護

知識風險: 靠環境建構 -- From GDP to GDDP

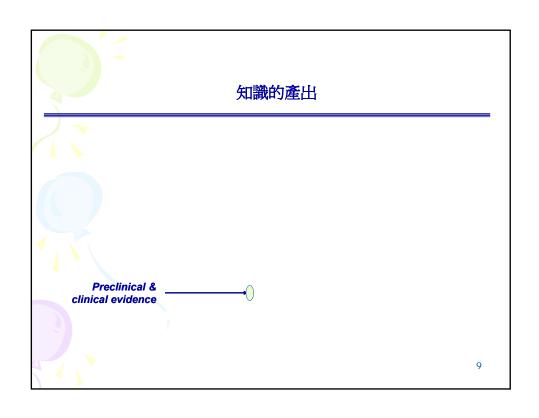
知識專業:重風險管理 - From PV to PVP

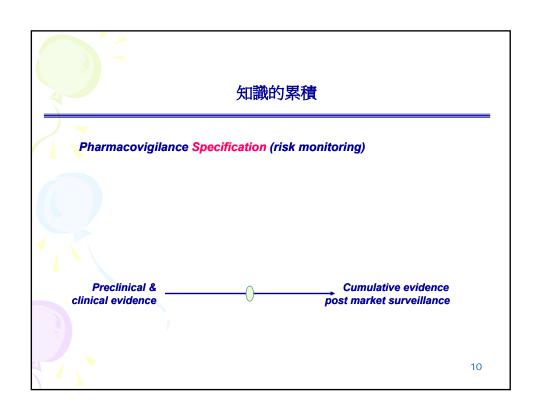
知識服務: 小而美才能分散/預防風險

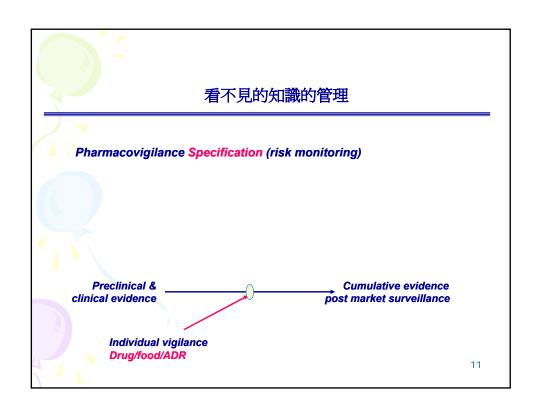
經典價值: 科技與人文對話

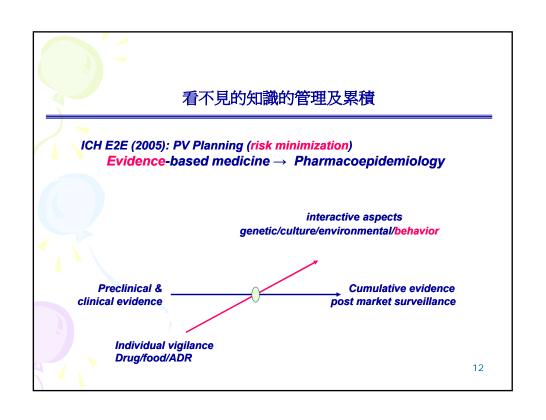
成 東 西 medication vs **medicine**

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看不見的危險最危險

PHARMACOEPIDEMIOLOGY AND DRUG SAFETY 2007; 16: 86–95 Published online 28 September 2006 in Wiley InterScience (www.interscience.wiley.com) DOI: 10.1002/pds.1324

ORIGINAL REPORT

Usage of the claim database of national health insurance programme for analysis of cisapride-erythromycin co-medication in Taiwan[†]

Churn-Shiouh Gau PhD¹, I-Shou Chang PhD², Fe-Lin Lin Wu PhD¹, Hui-Tzu Yu MSc³, Yu-Wen Huang MSc⁴, Cheng-Liang Chi MSc³, Su-Yu Chien MSc⁵, Keh-Ming Lin MD, PhD⁶, Ming-Ying Liu MSc² and Hui-Po Wang PhD³ **

Purpose: This study aimed to use the National Health Insurance Research Database, Taiwan for risk analysis of

concomitant use of cisapride and erythromycin.

Methods: The sample consisted of subjects identified in the Outpatient Sampling Database (OSD) and Longitudinal Health Insurance Database 2000 (LHID 2000), derived from the original claim data of the National Health Insurance Research

Insurance Database 2000 (LHID 2000), derived from the original claim data of the Isauonal region insurance research Database, Taiwan.

Results: According to the LHID 2000, a total of 464 individuals experienced 685 episodes of cisapride-erythromycin comedication prescribed by 295 physicians, revealing a prevalence of 45% concomitant use, with higher prevalence in clinics (9.2%) than in other medical institutes (3.7–5.4%). Among the co-medication episodes, 81.9% and 61.2% were prescribed from the same health institutes and by the same physicians, respectively. No medical record of cardiac arrhythmias was found among these patients in 2001 and 2002, probably due to the fact that 78.9% of the 454 individuals were under age 16, 84.0% had short exposure duration (1–4 days) and 98.0% of the episodes were prescribed with a cisapride dose of less than 0.8 mg/

kg/day.

Conclusions: Findings from this study suggest that there exists an urgent need for accreditation in terms of pharmacovigilance of clinical sites and their practicing physicians for the prevention of irrational concomitant prescription in Taiwan. Our findings also indicate that it is necessary to investigate other possible conditions of potentially dangerous comedication in Taiwan and other developing countries. Copyright © 2006 John Wiley & Sons, Ltd.

看不見的危險最危險

托爾斯泰:上天有眼,暫時不語

疑似違規廣告(2004): 94.1%



健康食品

年度	血液腹膜 透析	洗腎人口 比例
1997	20,697	1/1051
2000	29,937	1/744
2001	33,317	1/672
2004	42,550	1/533
2005	45,718	1/498

勇敢的台灣人邏輯不通!

- 1. 中藥+西藥 ⇒ 不良反應 (Lancet 2000)
- 2. 中藥廠: 中藥+西藥 ⇒ 犯法 ⇒ 十年苦牢!
- 3. 西藥廠: 西藥+中藥 ⇒ 犯法 ⇒ 十年苦牢!
- 4. 民眾: 一口中藥+一口西藥 ⇒ GMP? ⇒ 不犯法? ⇒ 造病 ⇒ 健保照顧!

看不見的危險最危險

From Pharmacovigilance to Pharmacovigilance Planning, The System Building For Safe Medication HUI-PO WANG et al, Review article, JFDA 2007

As xenobiotics are subjected to biological processing of ADME, identification of the sites and the mechanisms of interactions between xenobiotics becomes important for the assessment of drug toxicity and its efficacy (27-35) With the emerging evidence from system-based research, the disclosure of the profiles on transporters and metabolic enzymes provides information regarding to the sites and the mechanisms of ADME processing of the xenobiotics. Reports demonstrated that transporters in the intestine for absorption and in the kidney for excretion showed characteristics of broad substrate specificity, indicating the possibility of drug interactions. (36-42) As the metabolic systems process the biotransformtion of xenobiotics. (43-54) reports indicated that hepatotoxicity (55-63) and renal toxicity (64-70) relates to the formation of reactive metabolites no matter it is from synthetic or herbal resources.

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