

Drug Information: Electronic Resources Part II

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Outline

- World Health Organization (WHO)
- 行政院衛生署網站 (DOH)
- 中央健康保險局 (BNHI)
- Food and Drug Administration (FDA)
- National Guideline Clearinghouse (NGC)
- National Institute for Health and Clinical Excellence (NICE)



Objectives

- After the present lecture, you would be able to...
 - Tell the information provided from the introduced websites
 - When encountered with relevant questions, you would know which website to go to



World Health
Organization

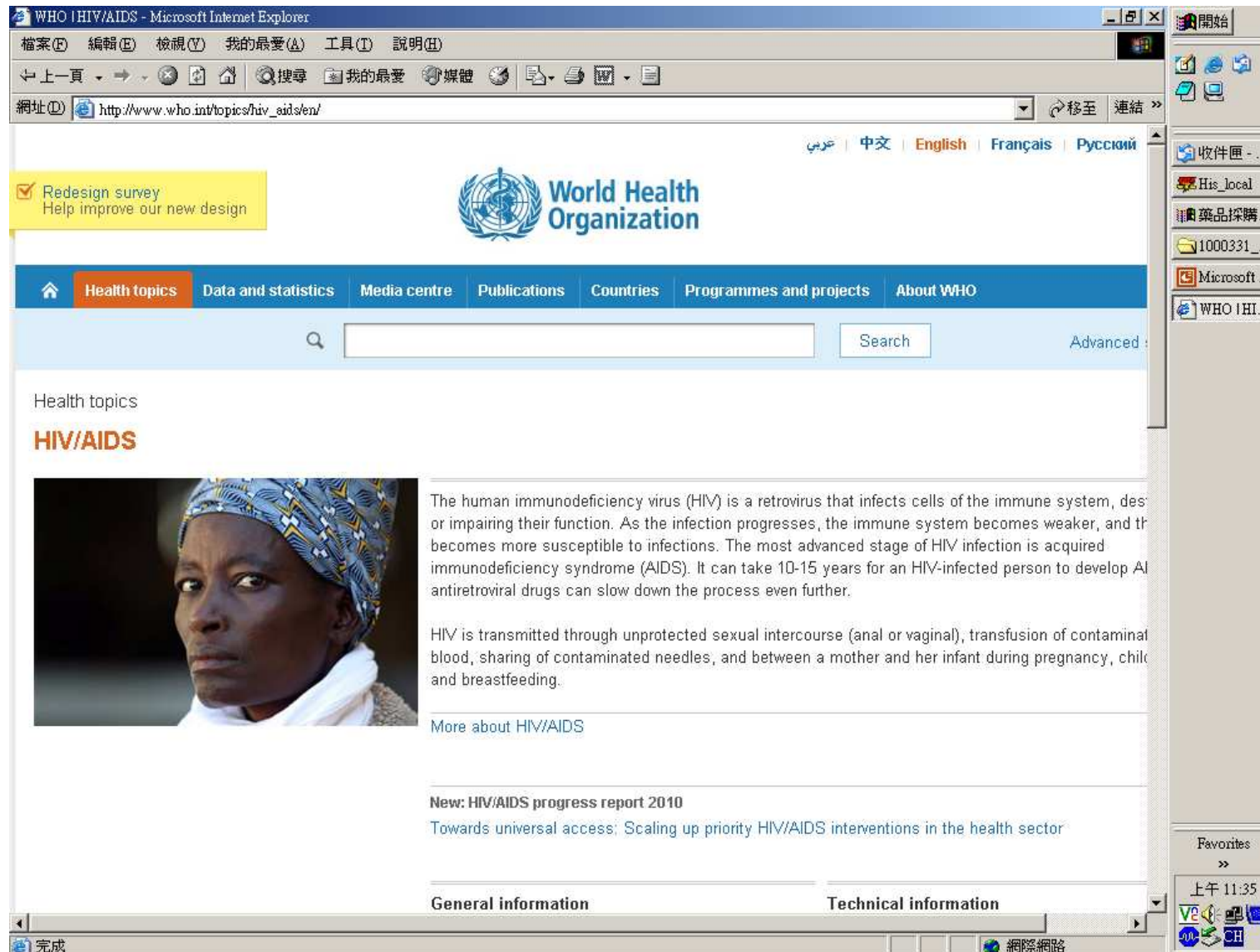
<http://www.who.int/en/>



About WHO

- Authority for health within the **United Nations** system
 1. Promoting development
 2. Fostering health security
 3. Strengthening health systems
 4. Harnessing research, information and evidence
 5. Enhancing partnerships
 6. Improving performance

WHO HIV/AIDS





WHO HIV/AIDS

- Statistic data (epidemiologic data)
 - Prevalence, incidence, mortality
 - Worldwide, by country
- WHO recommendation
- WHO publication
 - Free
- WHO geomatic maps
 - <http://gamapserver.who.int/mapLibrary/default.aspx>

Quiz WHO-1

- *Which region of the world has the highest percentage of tobacco use among adults?*
 1. North America
 2. West Europe
 3. Asia
 4. Africa

Quiz WHO-1

- *Which region of the world has the highest percentage of tobacco use among adults?*

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4. Africa

Quiz WHO-2

- *What is the global prevalence of diabetes mellitus (DM)?*
 - *Prevalence = number of case / population (time)*
- 1. 1.8%
- 2. 2.8%
- 3. 3.8%
- 4. 4.8%

Quiz WHO-2

- *What is the global prevalence of diabetes mellitus (DM)?*
 - *Prevalence = number of case / population (time)*
- 1. 1.8%
- 2. 2.8%
- 3. 3.8%
- 4. 4.8%



行政院衛生署

Department of Health, Executive Yuan, R.O.C. (TAIWAN)

<http://www.doh.gov.tw/>

About DOH

■ 最高衛生行政機關

- 負責全國衛生行政事務

- 對各級地方衛生機關負有業務指導、監督和協調的責任

Frequently Used

- 統計資料
- 藥物許可證查詢
- 藥物辨識查詢系統
- 藥物資訊網
- 食品藥品管理局
 - <http://www.fda.gov.tw/>
- 藥物不良反應通報
 - <http://adr.doh.gov.tw/>

Quiz DOH-1

■ What is the name of this drug?

1. Diclofenac
2. Captopril
3. Cephalexin
4. Linezolid



Quiz DOH-1

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Quiz DOH-2

■ What is the strength of the drug?

1. 100
2. 250
3. 400
4. 500

Quiz DOH-2

■ What is the strength of the drug?

- 1. 100
- 2. 250
- 3. 400
- 4. 500

Quiz DOH-3

- 醫師到藥局找你，拿著一張外院的藥箋，上面寫著Excel 25 mg/Tablet，請問你這是什麼藥？

1. Captopril
2. Hydroxyzine
3. Pioglitazone
4. Estazolam

Quiz DOH-3

- 醫師到藥局找你，拿著一張外院的藥箋，上面寫著Excel 25 mg/Tablet，請問你這是什麼藥？

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<http://www.nhi.gov.tw/>

About BNHI

- 強制性的社會保險
- 宗旨
 - 全民皆納保
 - 使得全體民眾可獲得公平的醫療服務



Frequently Used

- 健保用藥品項查詢
- 藥品給付規定

Quiz BNHI-1

- 請問Itraconazole 口服液劑 (抗微生物劑)
是否有健保給付規定？

1. 有

2. 沒有

Quiz BNHI-1

- 請問 Itraconazole 口服液劑 (抗微生物劑) 是否有健保給付規定？

1. 有

2. 沒有

限用於HIV陽性反應及其它免疫功能不全病人的
口腔念珠菌感染及食道念珠菌感染者。

Quiz BNHI-2

- 承上題，請問一瓶Itraconazole 口服液劑
150 mL/Bot 給付多少錢？
 1. 153
 2. 353
 3. 653
 4. 1153

Quiz BNHI-2

- 承上題，請問一瓶Itraconazole 口服液劑
150 mL/bottle 給付多少錢？

1. 153
2. 353
3. 653
4. 1153



U.S. Department of **Health & Human Services**



U.S. Food and Drug Administration
Protecting and Promoting *Your Health*

<http://www.fda.gov/>



About FDA

■ Responsibility

1. Human and veterinary drugs
2. Biological products
3. Medical devices
4. Food supply
5. Cosmetics
6. Radiation product



Frequently Used

- Drugs@FDA
- MedWatch: Drug Safety

Quiz FDA-1

■ Is pitavastatin approved by FDA?

1. Yes

2. No

Quiz FDA-1

■ Is pitavastatin approved by FDA?

1. Yes
2. No

August 3, 2009

New molecular entity

LIVALO is a HMG-CoA reductase inhibitor indicated for:

Patients with primary hyperlipidemia and mixed dyslipidemia as an adjunctive therapy to diet to reduce elevated total cholesterol (TC), low-density lipoprotein cholesterol (LDL-C), apolipoprotein B (Apo B), triglycerides (TG), and to increase high-density lipoprotein cholesterol (HDL-C) (1.1)

Quiz FDA-2

- What is FDA's current attitude towards the use of rosiglitazone in type 2 DM patients?
 1. Prohibited
 2. Restricted use
 3. Case-by-case evaluation
 4. No commend

Quiz FDA-2

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National Guideline Clearinghouse
www.guideline.gov

<http://www.guideline.gov/>

About NGC

- Comprehensive database of evidence-based clinical practice guidelines and related documents
 - Agency for Healthcare Research and Quality (AHRQ)
 - U.S. Department of Health and Human Services
 - American Medical Association
 - American Association of Health Plans
 - Now America's Health Insurance Plans (AHIP)



Frequently Used

- Search
- Browse by Disease

Quiz NGC-1

- 請問最近三年American Diabetes Association有沒有出新的糖尿病治療指引？

1. Yes
2. No

Quiz NGC-2

- 請問最近三年American Diabetes Association有沒有出新的糖尿病治療指引？

1. Yes
2. No



*National Institute for
Health and Clinical Excellence*

<http://www.nice.org.uk/>



About NICE

- The National Institute for Health and Clinical Excellence (NICE)
 - Independent organization
 - National guidance
- Cost saving and maintain or even improve service



Frequently Used

- Find guidance

Quiz NICE-1

- Find out if NICE guideline for diabetes care and ADA guideline for diabetes care has the same target of HbA_{1c} during hypoglycemic therapy?

1. Yes
2. No

Quiz NICE-1

- Find out if NICE guideline for diabetes care and ADA guideline for diabetes care has the same target of HbA_{1c} during hypoglycemic therapy?

1. Yes
2. No



Other Useful Internet Resources

疾病管制局



<http://www.cdc.gov.tw/>

USA CDC



<http://www.cdc.gov>

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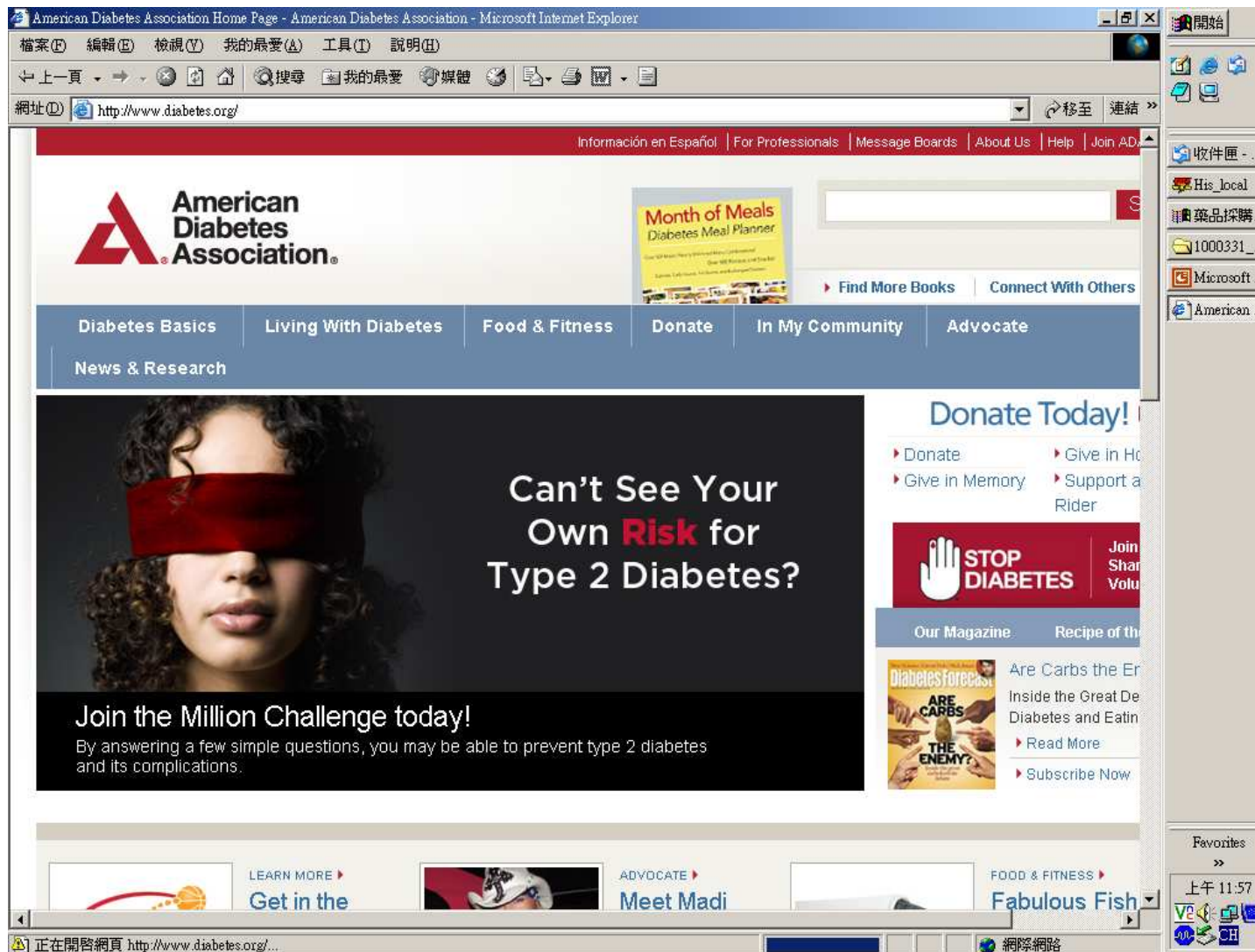
國民健康局



<http://www.bhp.doh.gov.tw/>

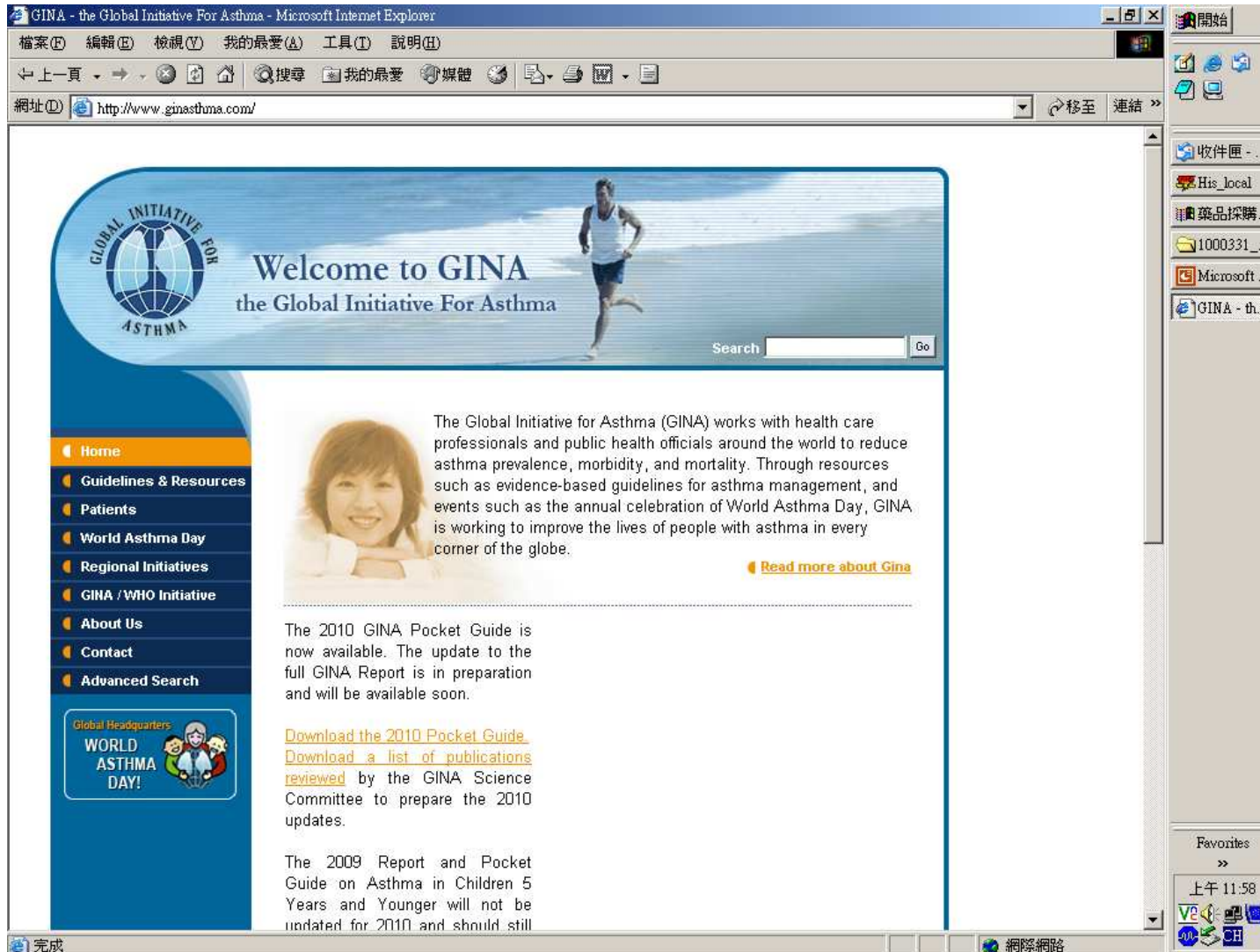
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American Diabetes Association



<http://www.diabetes.org/>

Global Initiative for Asthma



<http://www.ginasthma.com/>



Thank You!