



User Guide 使用说明

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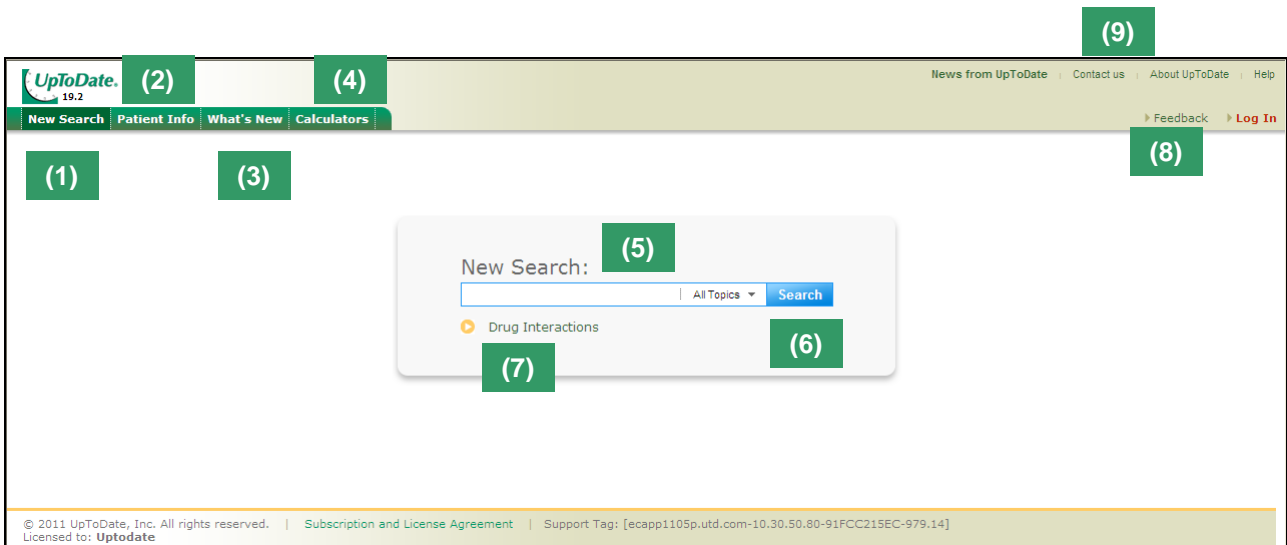
一、 以临床问题为例说明：

How effective is long-term warfarin at preventing recurrent pulmonary embolism?

长期使用 Warfarin 在预防肺栓塞的复发有多大的效果?

二、主画面说明

进入 UpToDate 即进入 UpToDate 的主画面，如（图一）所示：



（图一）

◎ 以下之说明对应於（图一）所标示之号码

- (1) **New Search:** 检索画面，亦为回到主画面之选项
- (2) **Patient Information:** UpToDate 提供了超过 700+ Patient information 亦可于检索区输入欲查询之 Patient information 例如: patient info hypertension
- (3) **What's New:** 每次新版更新时，主编们会摘选最重要的数据并以最简要的方式呈现
- (4) **Calculators:** 目前提供 125 种电子表格
- (5) **New Search:** 指令栏/检索区，可输入单一关键词、词句或问题
- (6) **Search:** 执行检索
- (7) **Drug Interactions:** Lexi-Comp 药物交互作用模块
- (8) **Feedback:** 将您宝贵的意见 email 给 UpToDate
- (9) 其它选项
 - News from UpToDate: UpToDate 的新讯以及新知
 - Contact us: UpToDate 联络数据
 - About UpToDate: UpToDate 内容说明
 - Help: 在线求助

◎ **New Search** 指令栏/检索区说明：

- (1) 可输入：病名(diseases)、症状(symptoms)、程序(procedures)、药名(drugs)、实验室异常(laboratory abnormalities)
- (2) UpToDate 可辨识同义字(synonyms)、缩写(abbreviations or acronyms)以及字根(word roots)
- (3) UpToDate 会自动做拼字检查
- (4) 可加入适当的关键词，以缩小检索结果在特定的年龄层，例如：in adults, in children 或 in pregnancy
- (5) Gracph searchah 图片检索：亦可以直接搜索 UpToDate 里的图片

三、 New Search: 开始检索

(1) New Search: 输入关键词

a. 可直接输入单一关键词、多个关键词、词句或问题，如（图二）所示。

例如：『**treatment of hypertension in pregnancy**』、
『**warfarin and PE**』（以临床问题为例之检索词）

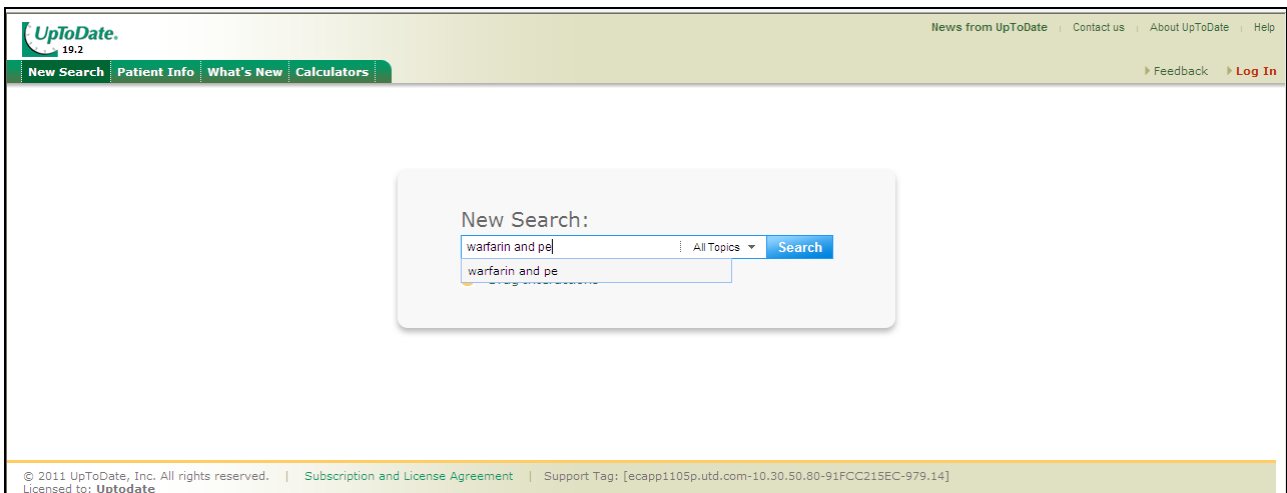
b. 检索结果，如（图三）所示。

上方：指令栏

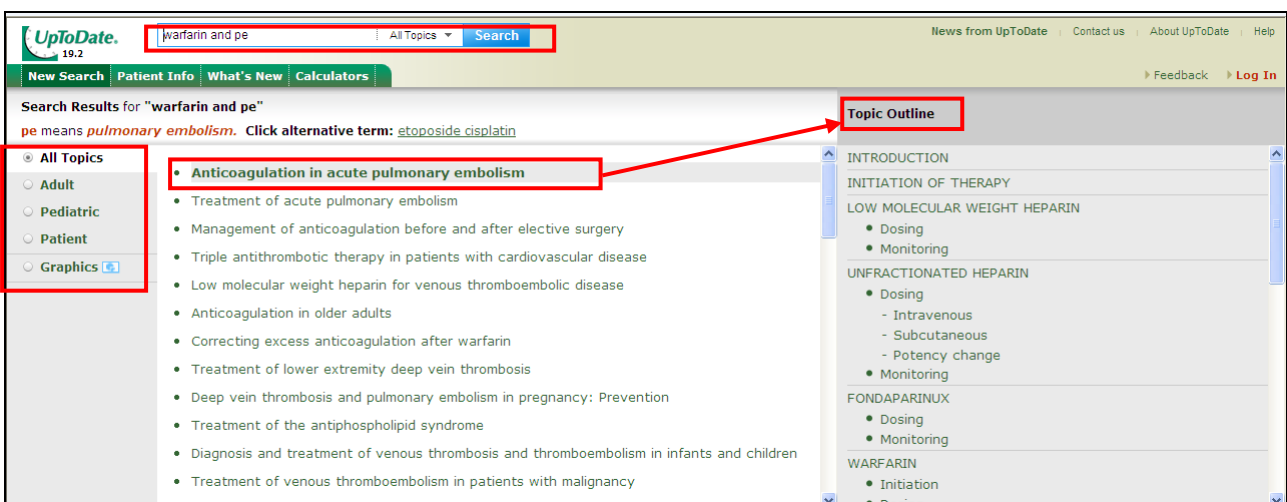
左方：检索结果：

- 依关键词的相关性依序列出检索结果；
- 亦可改变检索结果的排列顺序，将其有相关的文章排列于前，分别有 **All Topics**、**Adult**、**Pediatrics**、**Patient** 以及 **Graphics**，这五种选择，如（图三）所示；
- 一页以 **50** 笔的检索结果为上限，若超过 **50** 笔，页码列于检索结果最下方，如（图四）所示；

右方：**Topic Outline**，将鼠标移至左方之检索结果 **Topic** 的上方(不需要点选)，右方即会出现该篇 **Outline** 以供浏览



（图二）



（图三）

UpToDate 19.2 | warfarin and pe | All Topics | Search | News from UpToDate | Contact us | About UpToDate | Help

New Search | Patient Info | What's New | Calculators | Feedback | Log In

Search Results for "warfarin and pe"
 pe means *pulmonary embolism*. Click alternative term: [atoposide cisplatin](#)

All Topics
 Adult
 Pediatric
 Patient
 Graphics

- Endovenous laser ablation for the treatment of lower extremity chronic venous disease
- Evaluation of infection in the older adult
- Protein S deficiency
- Anticoagulants other than heparin and warfarin
- Management of inherited thrombophilia
- Hypercoagulable disorders associated with malignancy
- Rhythm control versus rate control in atrial fibrillation
- Overview of atrial fibrillation
- Secondary prevention for specific causes of ischemic stroke and transient ischemic attack
- Treatment and prognosis of cerebral venous thrombosis

1 2 3

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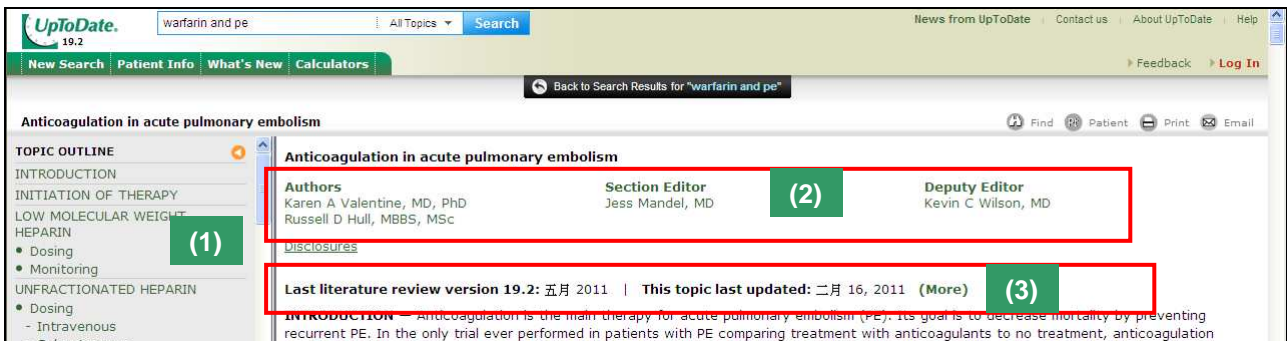
Topic Outline

- INTRODUCTION
- INITIATION OF THERAPY
- LOW MOLECULAR WEIGHT HEPARIN
 - Dosing
 - Monitoring
- UNFRACTIONATED HEPARIN
 - Dosing
 - Intravenous
 - Subcutaneous
 - Potency change
 - Monitoring
- FONDAPARINUX
 - Dosing
 - Monitoring
- WARFARIN
 - Initiation

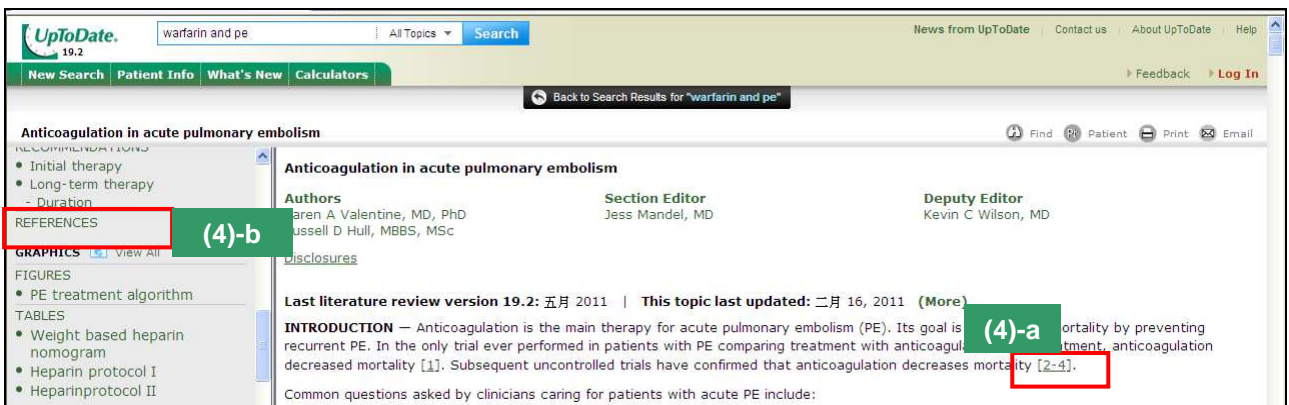
(图四)

四、 Topic review: 全文资料

- (1) **Outline 目次**: 于画面左方, 可利用目次先寻找关键词, 可发现问题答案所在, 直接点选会连接至该段落
- (2) **Author/Section Editor/Deputy Editor 作者及编辑群**: 提供这篇 Topic review 所有参与的作者与编辑者资讯, 如 (图六) 所示
- (3) **Date 更新日期**: 列出本文最新被更新的日期, 如 (图六) 所示
- (4) **Reference 参考书目**: 如 (图七) 所示;
 - a. 本文中有参考书目之序号, 点选序号, 会另开窗口, 显示出 **Medline Abstracts**
 - b. 可点选 **Outline** 处之 **Reference**, 即列出所有本文之参考书目清单, 亦列于本文末处, 以绿色显示之参考书目可带出 **Medline Abstracts**
- (5) **Graphics 图表**: 如 (图八)、(图九) 所示
 - a. 点选图表, 则另开一窗口, 显示其图表
 - b. 图表可另外下载, 利用 **email**、**print**、**Export to Powerpoint** 或输出工具列 (鼠标移至图表上即会出现)
- (6) **Drug Information 药物信息**: 药物品名以绿色字呈现, 点选后会另开启一窗口, 此为 **Lexi-comp** 药学信息的详细介绍
- (7) **Related Topics 相关文献**: 提供除本文外, 与 **UpToDate** 里相关主题的 **Topic review**, 直接点选可直接进入该篇 **Related Topic** 的全文资料
- (8) **Find in Topic 查找关键词**: 可利用此功能查询出文章里的关键词, 如 (图十)、(图十一) 所示
- (9) **Patient Info 卫教资料**: 若此文章有 **Patient Information**, 点选此功能会直接显示 **Information for patients** 此段落之内容



(图六)



(图七)

UpToDate 19.2

warfarin and pe

Anticoagulation in acute pulmonary embolism

GRAPHICS View All

FIGURES

- PE treatment algorithm (5)

TABLES

- Weight based heparin nomogram
- Heparin protocol I
- Heparin protocol II

RELATED TOPICS

- Anticoagulants other than heparin and warfarin
- Anticoagulation during pregnancy (7)
- Correcting excess anticoagulation after warfarin
- Deep vein thrombosis and pulmonary embolism in pregnancy: Prevention

SC low molecular weight heparin (LMWH) is the preferred anticoagulant for most hemodynamically stable patients with PE. (See 'Low molecular weight heparin' below.)

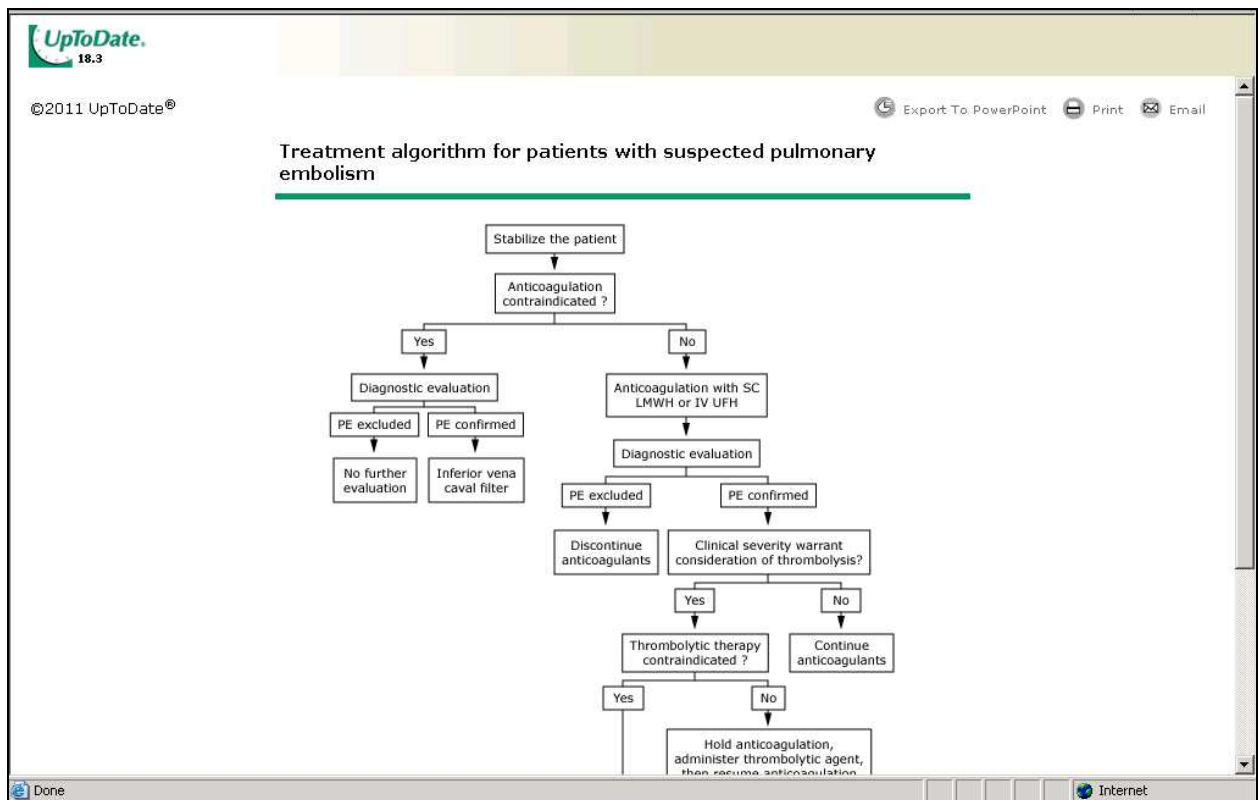
We use IV unfractionated heparin (UFH) when there is persistent hypotension due to PE (ie, massive PE), an increased risk of bleeding, concern about subcutaneous absorption (eg, morbid obesity), or thrombolysis is being considered. (See 'Unfractionated heparin' below.)

We use UFH (either IV or SC) when there is a high suspicion of PE but a strong contraindication to anticoagulation (eg, active bleeding), or when there is a high suspicion of PE but a strong contraindication to anticoagulation (eg, active bleeding), or when there is a high suspicion of PE but a strong contraindication to anticoagulation (eg, active bleeding). (See 'Unfractionated heparin' below.)

When there is a high suspicion of PE but a strong contraindication to anticoagulation (eg, active bleeding), or when there is a high suspicion of PE but a strong contraindication to anticoagulation (eg, active bleeding), or when there is a high suspicion of PE but a strong contraindication to anticoagulation (eg, active bleeding), diagnostic evaluation should be expedited. (See 'Treatment of acute pulmonary embolism'.)

LOW MOLECULAR WEIGHT HEPARIN — We recommend subcutaneous low molecular weight (SC LMWH) for most hemodynamically stable patients with PE. Compared to intravenous unfractionated heparin (IV UFH), SC LMWH results in lower mortality, fewer recurrent thrombotic events, and less major bleeding [15-27]. The magnitude of these benefits was illustrated by a meta-analysis of randomized trials comparing

(图八)



(图九)

UpToDate 19.2

warfarin and pe

Anticoagulation in acute pulmonary embolism

TOPIC OUTLINE

- INTRODUCTION
- INITIATION OF THERAPY
- LOW MOLECULAR WEIGHT HEPARIN
 - Dosing
 - Monitoring
- UNFRACTIONATED HEPARIN
 - Dosing
 - Intravenous
 - Subcutaneous

Authors: Karen A Valentine, MD, PhD; Russell D Hull, MBBS, MSc

Section Editor: Jess Mandel, MD

Deputy Editor: Kevin C Wilson, MD

Last literature review version 19.2: 五月 2011 | This topic last updated: 二月 16, 2011 (More)

INTRODUCTION — Anticoagulation is the main therapy for acute pulmonary embolism (PE). Its goal is to decrease mortality by preventing recurrent PE. In the only trial ever performed in patients with PE comparing treatment with anticoagulants to no treatment, anticoagulation

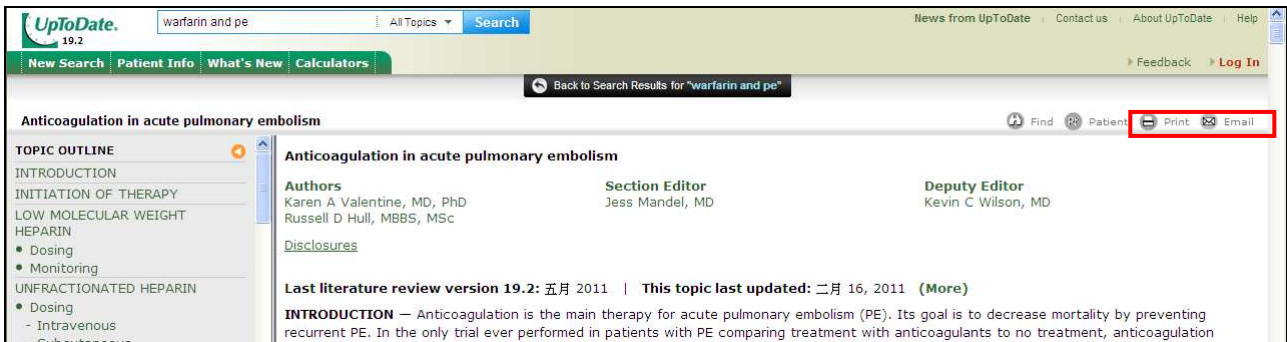
(图十)

The screenshot shows the UpToDate website interface. At the top, there is a search bar with the text 'warfarin and pe' and a search button. Below the search bar, there are navigation tabs: 'New Search', 'Patient Info', 'What's New', and 'Calculators'. A 'Back to Search Results for "warfarin and pe"' button is visible. The main content area is titled 'Anticoagulation in acute pulmonary embolism'. On the left, there is a sidebar with various categories: 'DURATION OF THERAPY', 'SPECIAL CONSIDERATIONS', 'INFORMATION FOR PATIENTS', 'SUMMARY AND RECOMMENDATIONS', 'REFERENCES', 'GRAPHICS', and 'FIGURES'. The main text includes 'Authors' (Karen A Valentine, MD, PhD and Russell D Hull, MBBS, MSc), 'Section Editor' (Jess Mandel, MD), and 'Deputy Ed' (Kevin C Wilton). It also features a 'Find in Topic' pop-up window indicating 113 instances of 'pe' were found. The article text discusses the introduction of anticoagulation as the main therapy for acute pulmonary embolism (PE) and lists common clinical questions.

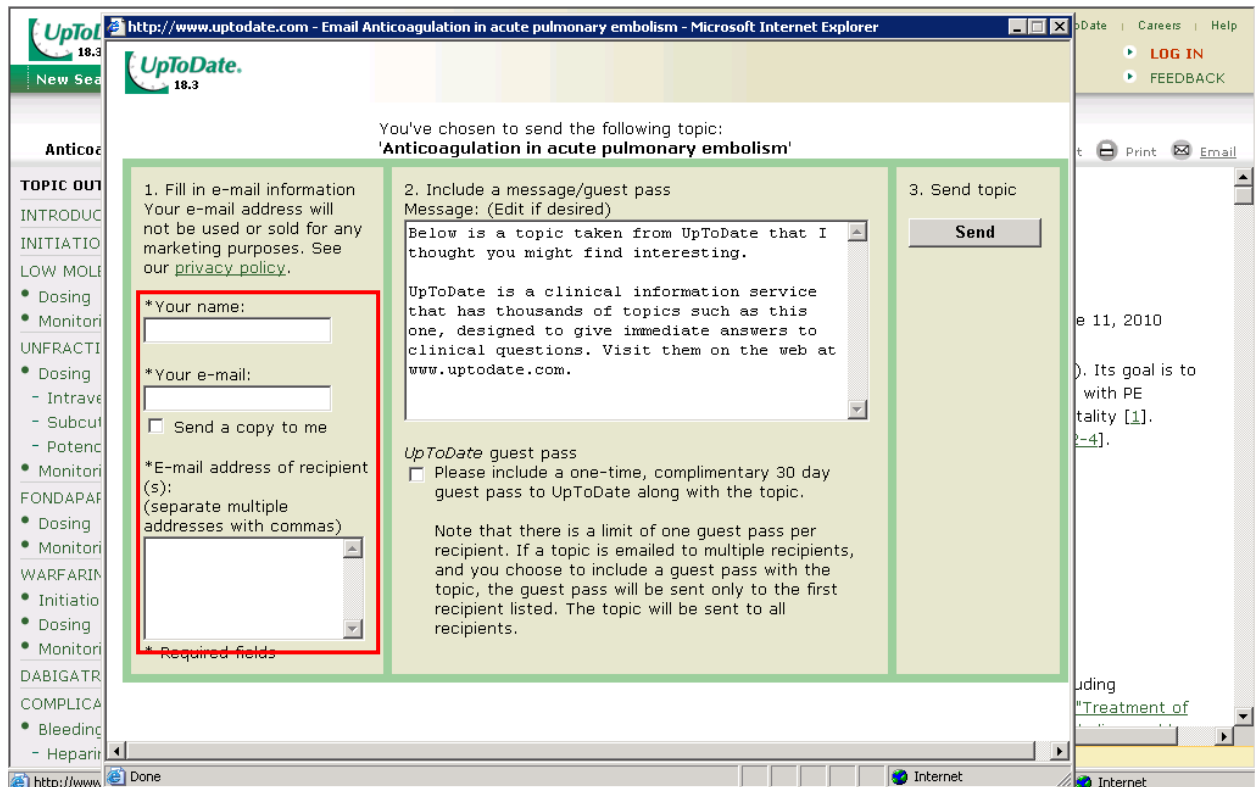
(图十一)

五、 检索结果输出：如（图十二）、（图十三）所示。

- (1) Print : 调整 Topic review 呈现画面，会将所有图表放置于文章之后，再执行印表机功能。
- (2) Email : email Topic review, 只传送文字部份。



(图十二)

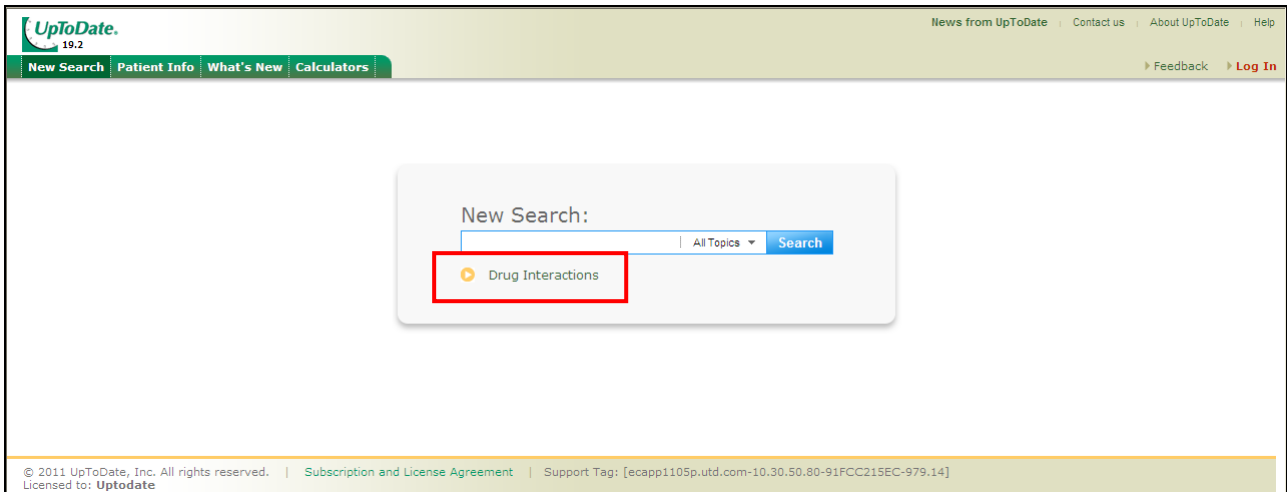


(图十三)

六、 Drug Interactions: Lexi-Comp 药物交互作用

可以输入二种以上的药品，包含 drug-to-drug、herb-to-herb、drug-to-herb，执行并产生交互作用的结果，且有标示交互作用的等级。

(1)在主画面的下方，直接点选：



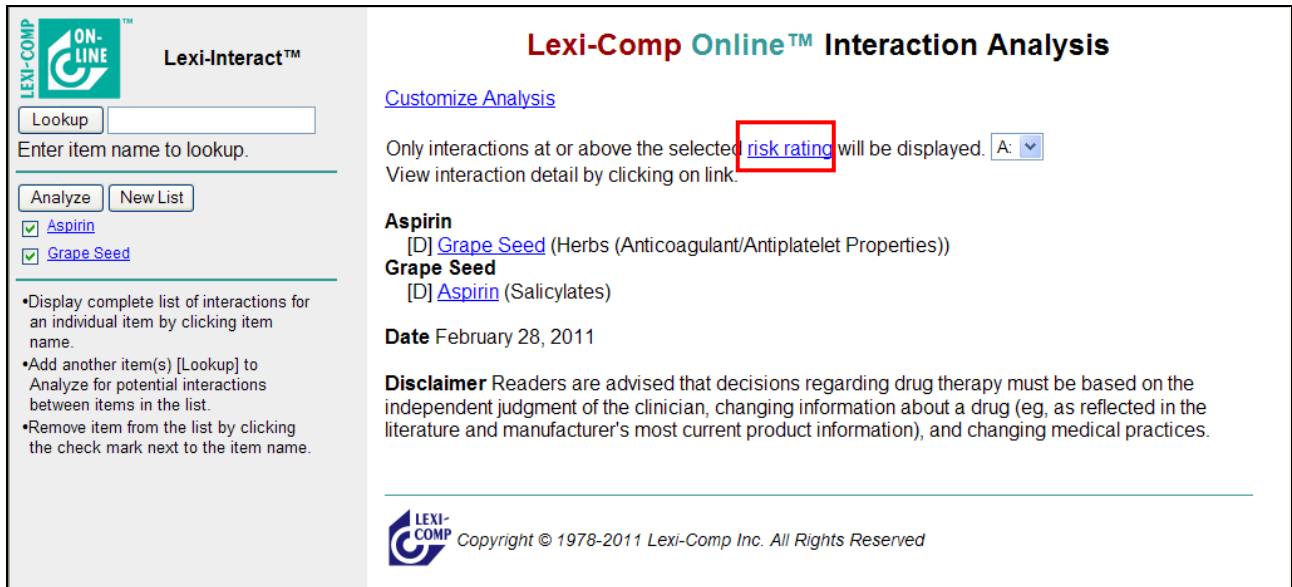
(图十四)

(2)输入二种欲查询之药品，执行「Analyze」：



(图十五)

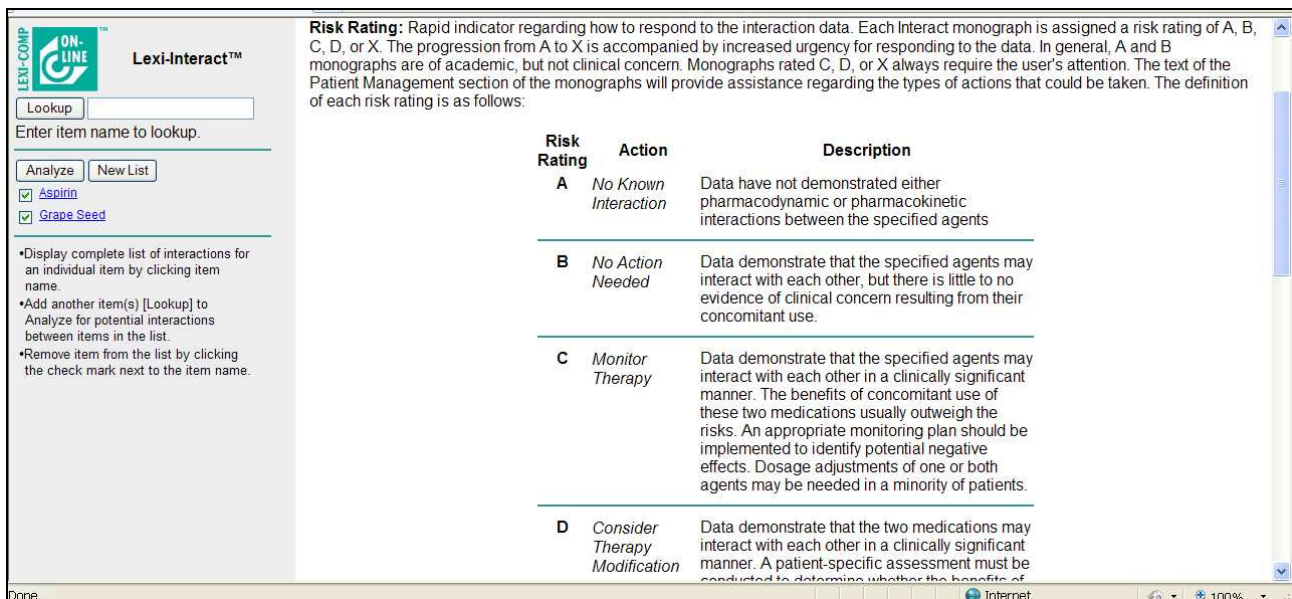
(3) 右边画面会出现结果，『risk rating』为交互作用的等级说明：



(图十六)

(4) 『Risk Rating』说明如下：

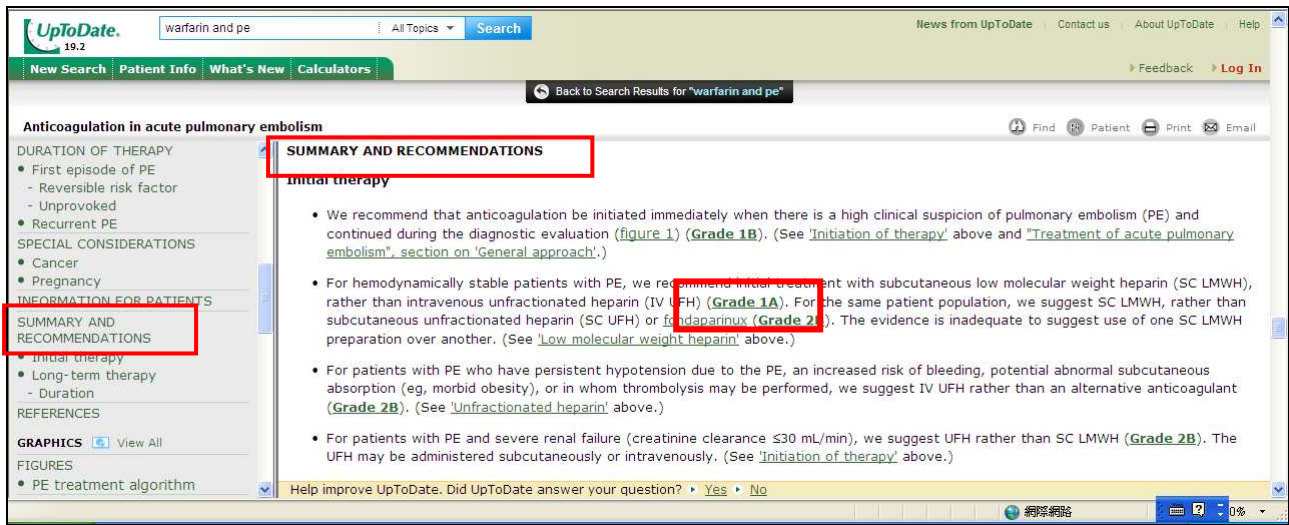
Risk Rating 分成五个等级，分别是：A、B、C、D、X。



(图十七)

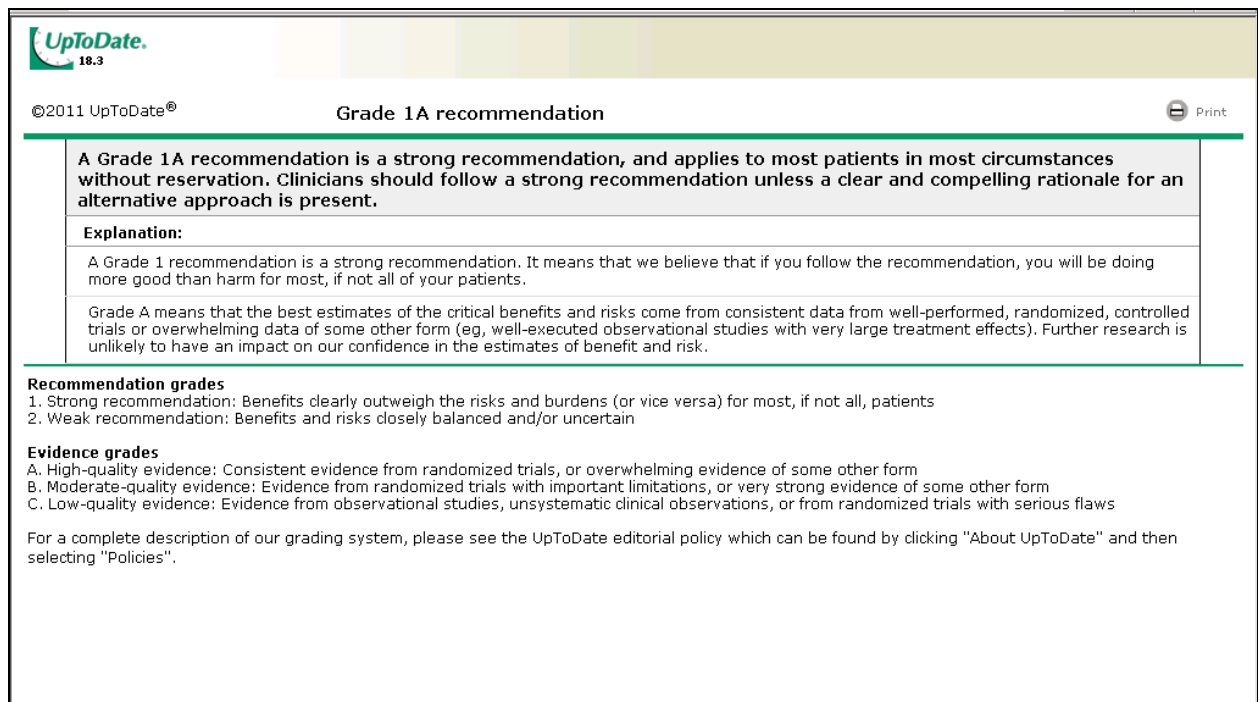
七、 Evidence Grading: 证据等级

位于 Topic review 目次中的 Recommendations 的这个段落里：如（图十八）所示。



（图十八）

亦可点选 Evidence Grading，如上图所示之 (Grade 1A)，会跳出说明窗口，如（图十九）所示。



（图十九）

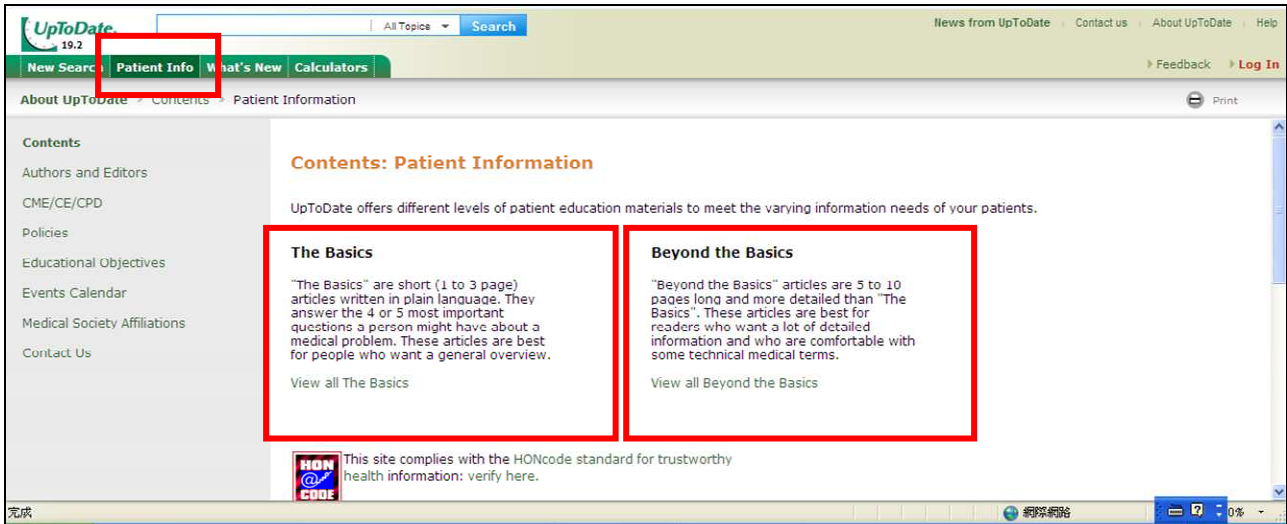
注：目前并未全部都有 Evidence Grading

八、 Patient Information 卫教资料

Patient Information 提供二种版本

The Basics： 以一至三页为主， 回答四到五个最重要的问题， 并使用较多的图表来呈现。

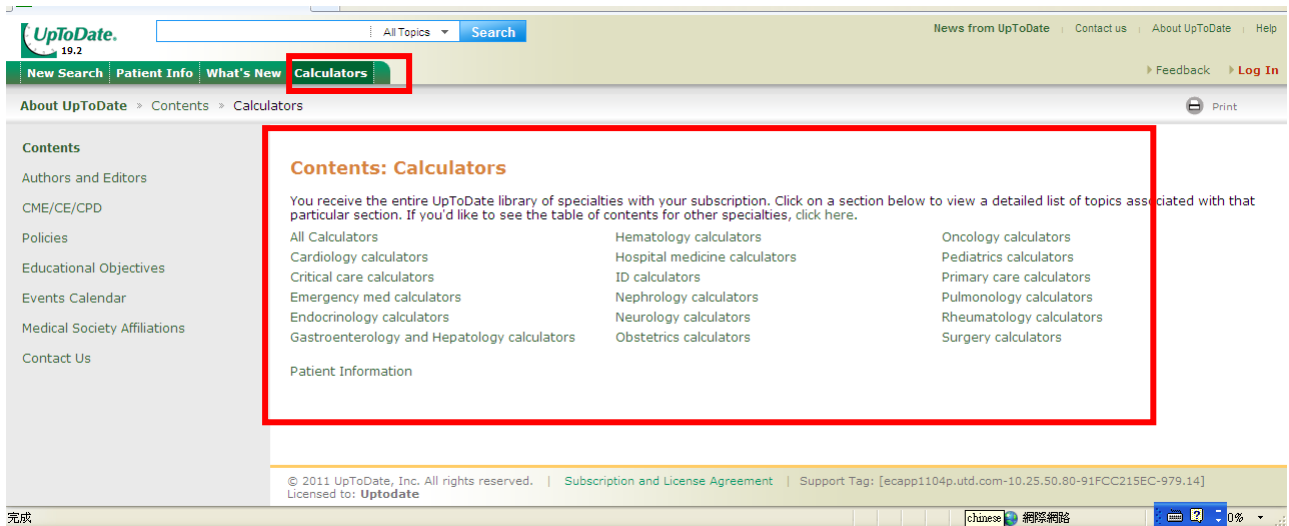
Beyond the Basics： 五至十页， 为比”The Basics”版本较详细的内容， 并使用一些医学专有名词来解释。



(图二十)

九、 Calculators：电子表格

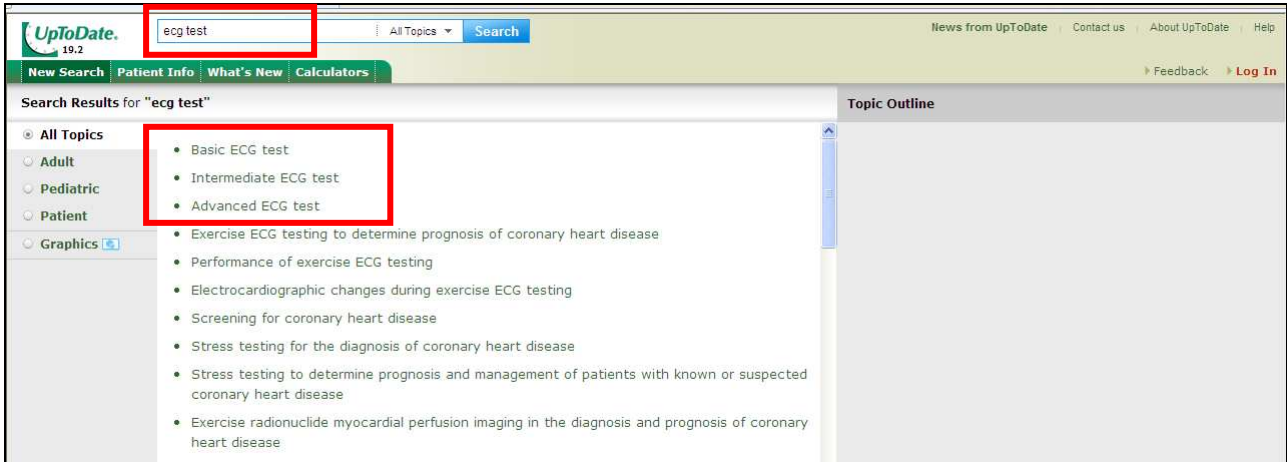
UpToDate 目前提供了 97 种的电子表格，直接点选 **Calculators** 的页面选项，会先列出科别，进一步点选后，会再列出相关的电子表格，如（图二十）所示：



(图二十一)

十、 ECG Test : 心电图自我测验

UpToDate 目前提供了 3 级的自我测试, 分别为初级、中级、高级, 只需要在检索区里键入 ECG Test, 检索结果里第一笔 (Basic ECG test)、第二笔 (Intermediate ECG test) 和第三笔 (Advanced ECG test) 即为心电图自我测试, 如 (图二十二) 所示:



(图二十二)