



# Introduction to Drug Information Service

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# Outline

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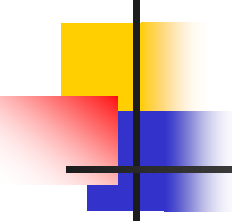
- Goal of the class
- Extent of drug information services
- Drug information request form
- Drug Information Reference Study Guide
- Clinically useful journals
- Evaluation Checklist for journals
- Clinically useful newsletters
- Conclusion



# Goal of the class

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- To prepare the students become a competent pharmacists in drug information service

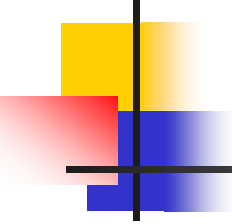


# Extent of drug information services (1)

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- Support to clinical services:
  - Answering drug-related questions
  - Developing criteria/guidelines for drug use
- Pharmacy and therapeutics committee activity
- Publications: newsletter, journal
- Poison information

# Extent of drug information services (2)



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- Education: inservices for health professionals or students (Journal club presentation)
- Drug usage evaluation/medication use evaluation (DUE)
- Investigational drug control
- Coordination of reporting programs (e.g.: adverse drug reactions, ADR report)
- Poison information

# Drug information request form (1)

Taipei Medical University

## 藥物諮詢記錄單

姓名： \_\_\_\_\_ 日期： \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 時間： \_\_\_\_\_

MD     RD     RN    電話：(    ) \_\_\_\_\_

RPh     PA     Public    傳呼號碼： \_\_\_\_\_

學生 (詳加敘述)    位置： \_\_\_\_\_

其他 (詳加敘述)    住址： \_\_\_\_\_

問題： \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

病友資料： \_\_\_\_\_

病友姓名： \_\_\_\_\_ 病歷號碼： \_\_\_\_\_

年齡： \_\_\_\_\_ 身高： \_\_\_\_\_ 體重： \_\_\_\_\_

肝功能： \_\_\_\_\_ 腎功能： \_\_\_\_\_

# Drug information request form (2)

Current Med : ( 包括成藥,處方藥,中藥,及健康食品之藥名,劑量, 開始或停止使用日期 )

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飲食及生活習慣 : (需註明變更日期)

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何時需回覆 日期 : \_\_\_\_\_ 時間 : \_\_\_\_\_

詢問類別 :

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Administrative 服用方法    | <input type="checkbox"/> Drug Interaction 交互作用          | <input type="checkbox"/> Stability / Chemical Properties .<br>安定性 / 化學特性 . |
| <input type="checkbox"/> Adverse Reaction 副作用   | <input type="checkbox"/> Formulation 處方成分               | <input type="checkbox"/> Therapeutic Use 治療用途 .                            |
| <input type="checkbox"/> Availability 劑型        | <input type="checkbox"/> General Information 一般資訊       | <input type="checkbox"/> Toxicity 毒性 .                                     |
| <input type="checkbox"/> Compatibility 藥物相容性    | <input type="checkbox"/> Identification 確認 鑑定           | <input type="checkbox"/> Other 其他 . _____                                  |
| <input type="checkbox"/> Contraindications 配伍禁忌 | <input type="checkbox"/> Pharmacokinetics 藥物動力學         | _____  |
| <input type="checkbox"/> Cost 費用                | <input type="checkbox"/> Pharmacology 藥理學               | _____  |
| <input type="checkbox"/> Dosage 劑量              | <input type="checkbox"/> Route of administration 服用途徑 . | _____  |





# Drug information request form (4)

對病患的影響結果 : 1 無 , 和病人照顧無關或無法評估      2 有 , 和病人照顧有關 : ..

- a) 預防高度可能的致死結果..
- b) 預防可能的嚴重問題 [已涉入或被預防的病患病況 (預防或確認之藥物副作用,交互作用,中毒或治療劑量不足,懷孕或哺之用藥問題 )].
- c) 預防可能的重要問題 ( 如:內包裝劑量,鑑定/確認,常見副作用,治療用途 )..

說明 : ↵

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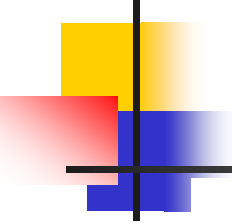
搜尋答案的參考資料 , 包含頁數或搜尋名詞 ↵

AHFS	+ -	DI FACTS	+ -	MARTINDALE'S	+ -..
PDR	+ -	TRISSEL'S	+ -	MEDLINE/PA	+ -..
FACTS & COMPARISONS	+ -	FILES	+ -	OTHER..	_____
FORMULARY & HANDBOOK	+ -	Micromedex	+ -..		_____

Phamacist Taking Call : \_\_\_\_\_      Phamacist 所需時間 : ↵ \_\_\_\_\_

Phamacist Answer Call : \_\_\_\_\_      Technician 所需時間 : ↵ \_\_\_\_\_

完成日期 , 時間 : \_\_\_\_\_      複審者 : \_\_\_\_\_      日期 : ↵ \_\_\_\_\_



# Drug Information Reference Study Guide (1)

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Drug Information Class

Lecture 1 Supplement 2

## **Drug Information Reference Study Guide**

1. Reference Title: \_\_\_\_\_
2. Author(s) and Qualifications: \_\_\_\_\_
3. Publisher: \_\_\_\_\_
4. Date of Publication: \_\_\_\_\_
5. Frequency of updating: Weekly \_\_\_\_\_ monthly \_\_\_\_\_ quarterly \_\_\_\_\_ annually \_\_\_\_\_  
Other: \_\_\_\_\_
6. Objective of the reference: \_\_\_\_\_
7. Content  
Rx \_\_\_\_\_ OTC \_\_\_\_\_ Investigation drugs \_\_\_\_\_  
FDA indications \_\_\_\_\_ Unlabeled uses \_\_\_\_\_ Dosing \_\_\_\_\_ ADR \_\_\_\_\_  
Dg-Dg interaction Dg-food interaction \_\_\_\_\_ Dg-disease interaction \_\_\_\_\_  
Possoning/toxicology \_\_\_\_\_ Pharmacokinetics \_\_\_\_\_  
Others: \_\_\_\_\_

# Drug Information Reference Study Guide (2)

8. Format:

Physical: bound text \_\_\_ loose-leaf \_\_\_ microfiche \_\_\_ electronic \_\_\_

Content: alphabetical \_\_\_ pharmacological \_\_\_ disease \_\_\_ body system \_\_\_

Index: author \_\_\_ subject \_\_\_ drug \_\_\_ disease \_\_\_ other

9. Is the reference referenced? Yes \_\_\_ No \_\_\_

Primarily journal \_\_\_ review articles \_\_\_

Secondary literature \_\_\_ tertiary literature \_\_\_

10. Advantages/ disadvantages compared to similar references

Advantages	Disadvantage
( ) easy to locate information	( ) difficult to locate information
( ) objective information	( ) biased information
( ) frequent updating	( ) infrequent updating
( ) data referenced	( ) data not referenced
( ) adequate coverage of subject	( ) limited coverage of subject
( ) others	( ) others

11. Ordering information:



# Clinically useful journals (1)

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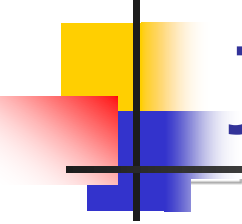
- American Journal of Health-system pharmacy
- American Journal of Medicine
- American Pharmacy
- Annals of Internal Medicine
- Annals of Pharmacotherapy
- Archives of Internal Medicine
- British Medical Journal
- Clinical Pharmacokinetics
- Clinical Pharmacology and Therapeutics



# Clinically useful journals (2)

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- Drugs
- Journal of Parenteral and Enteral Nutrition
- Journal of Pediatrics
- Journal of the American Medical Association
- Lancet
- Medical Clinics of North America
- New England Journal of Medicine
- Pharmacoeconomics
- Pharmacotherapy
- The Journal of the American Medical Association (JAMA)



# Evaluation Checklist for journals (1)

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Drug Information Class

Lecture 1 Supplement 4

## **EVALUATION CHECKLIST FOR JOURNALS**

Title:

Publisher & Address:

Purpose/Scope:

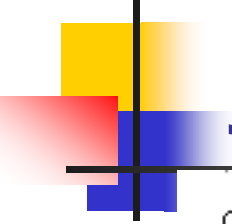
Official journal for a professional organization: Yes: \_\_\_\_\_ No: \_\_\_\_\_

Organization Name: \_\_\_\_\_

Publication Frequency: Weekly \_\_\_\_\_ Semi-monthly \_\_\_\_\_ Monthly \_\_\_\_\_

Bi-monthly \_\_\_\_\_ Quarterly \_\_\_\_\_ Other \_\_\_\_\_

Peer Review: Yes: \_\_\_\_\_ No: \_\_\_\_\_



# Evaluation Checklist for journals (2)

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## Content:

Original Research _____	Book Review _____
Case Reports _____	Continuing Education _____
Reviews _____	Advertising _____
Editorials _____	News Reports _____
Letters to the Editor _____	News Reports _____
Abstracts _____ (Current literature _____ Papers presented at meetings _____)	
Others _____	

Journal Uniqueness:

Journal Relevance:

Journal strengths/Weaknesses:



# Clinically useful newsletters

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- FDA Medical Bulletin
- The Medical Letter
- MMWR: morbidity and mortality weekly report
- Pharmacist's Letter
- Weekly Pharmacy Reports
- Government Agencies
- Professional Organizations
- Pharmaceutical Manufactures





# Conclusion

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- Provide drug information
  - Timely
  - Accurately
  - Unbiased