The background of the slide is a composite image. The left side shows a close-up of a biological structure, possibly a branch of a fungus or a similar organism, with a textured, branching appearance. The right side shows a field of similar structures, but they are more blurred and less detailed. The overall color palette is a mix of dark blues, light blues, and greys, with some bright spots that look like light reflecting off the structures.

# 打擊不法藥物 與生物相似藥的 挑戰與機遇

大仁科技大學產學育成中心  
林佩怡主任  
2024.11.16

# KEEP PATIENTS SAFE – SECURE THE GLOBAL MEDICINES SUPPLY CHAIN

Falsified and substandard medicines are a global issue yet low and middle-income countries carry the greatest burden with estimates suggesting 1 in 10 medical products in developing countries to be fake.



JOIN FIGHT THE FAKES WEEK  
BETWEEN **5-11 DECEMBER 2022**  
TO RAISE AWARENESS ABOUT  
SUBSTANDARD AND FALSIFIED MEDICINES

[FIGHTTHEFAKES.ORG](https://fightthefakes.org)  
#BeAFakeBuster #FTFweek



## Fake news

Published in PharmaTimes magazine -  
March 2022

- An estimate by the World Customs Organization values the global annual market for fake medicines at approximately US\$200 billion and as the legitimate pharmaceutical industry grows, so too does this shadow market.
- WHO estimated in 2015 that 50% of drugs for sale over the internet were fake and this is only increasing.
- **in low-and middle-income countries** where access to healthcare is widening, such as in Africa and Asia.

打擊不法藥物需要你我一起努力

公共政策網路參與平台連署活動



# 現況:網路偽藥猖獗 - 嚴重危害民眾健康

## 網路偽藥就在你我身邊

根據關務署報告顯示，  
2022年海關於邊境緝獲仿冒及盜版品逾5萬件，  
其中藥品合計近2.8萬件，又以威而鋼和犀利士佔大宗。



## 社區藥局淪為被冒名廣告的受害者

民眾透過偽藥廠商在網路上的假廣告，下單購買藥品後，  
卻發現是偽藥，卻循線找到被冒用品牌的實體藥局通路，  
甚至威脅找警察抓合法的實體藥局，被害藥師求助無門...



## 現行法規管不到也抓不到「非法業者」

非法偽藥透過海外架設網站，大規模廣告吸引民眾下單購買，  
但是現行的法規卻管不著也罰不到，  
導致偽藥廣告四處流竄，危害民眾健康。  
正規合法在台設立的藥商，反而因為法規限制，  
無法透過一般廣告教育民眾如何辨識偽藥，  
只能眼看著非法偽藥業者繼續橫行無阻。



## 民眾對偽藥認知不足，以為網路上也可以買藥

一般民眾並不知道台灣現行法規並不允許在網路上購買藥品，  
尤其偽藥廣告以假亂真，甚至在網路上教育民眾如何辨識偽藥，  
讓民眾信以為真後下單購買，人財兩失!



# 網路偽藥的衝擊



## 危害民眾的健康

來源不明的偽藥，民眾吃了沒效，不僅傷荷包也傷身，還有可能因為長年累積下來的傷害，衍生出其他病症，進而耗費健保寶貴的資源。



## 減少政府財稅收入

政府可以透過財政稅收，向合法經營的藥商和藥局通路收取營業稅或是所得稅。但是，未經過合法管道販售的偽藥，政府則無法收取任何稅收，進而影響財政收入。



## 增加執法人員額外的工作負擔

關務署一年緝獲仿冒及盜版品逾5萬件，其中偽藥就超過一半，近2.8萬件。如果政府能落實偽藥的管制，從源頭斷絕，則可大幅降低海關人員的工作負擔。



# 原開發廠生物製劑 VS 生物相似性藥品

## 台灣衛福部衛教資訊

衛教單張

**讓你一次搞懂何謂生物相似性藥品?**

我生病了，聽醫生說有一種藥叫做生物相似性藥，可是...

什麼是生物藥? 相似? 有效嗎? 安全嗎? 很貴嗎?

**簡單來說，生物相似性藥品就是...**

品質、安全與療效與我國核准之原開發廠生物藥品(或參照藥品)相似，並以重組脫酸、重組蛋白質為活性成份的生物技術衍生藥品。

**生物相似性藥怎麼研發的?**

研究方法是以前瞻性比較分析試驗為基礎，從詳細的結構及功能性的分析鑑定動物試驗及人體臨床試驗的階段性試驗研究，來證明其藥品與參照藥品相較，具有生物相似性。

品質 蛋白質結構 生物特性 PK/PD 臨床資料

**TFDA如何確保生物相似性藥品的安全與療效呢?**

TFDA是依照現今科技水準分析技術的進展、生產製程、臨床及法規執行的經驗來判定廠商提供的資料是否足以證明生物相似性藥品具有與參照藥品具有高度相似性。

**生物相似性藥與原廠藥誰比較好?**

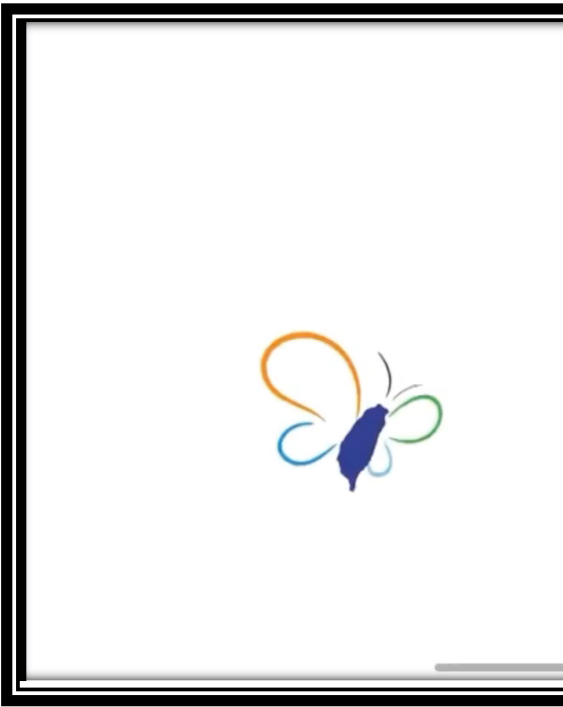
藉由全面性比較分析試驗以及嚴謹的審查，核准上市之生物相似性藥品與參照藥品具有高度相似性，其療效、純度及安全性與參照藥品無異。

**我應該如何選擇呢?**

請先與您的醫師充分諮詢溝通，進行醫療評估後選擇適宜生物相似性藥品或由原廠更換為生物相似性藥品。

想知道更多生物相似性藥品的資訊，請參考衛生福利部食品藥物管理署藥品組【生物相似性藥品專區】。

<https://e-sub.fda.gov.tw/dohc/ient/>



佩怡林 10月17日上午11:40

**生物相似性藥品 時代來臨**

**乳癌治療 新·選·擇**

褚乃銘 醫師 | 照護線上

CAREONLINE.COM.TW

「生物相似性藥品」時代來臨，乳癌治療新選擇 | 照護線上  
乳癌標靶藥物較為昂貴，目前台灣健保採有條件給付，未符合健保...

TFDA: 生物相似性藥品專區  
<https://www.fda.gov.tw/TC/siteContent.aspx?sid=11262>

2019年



護理在職課程



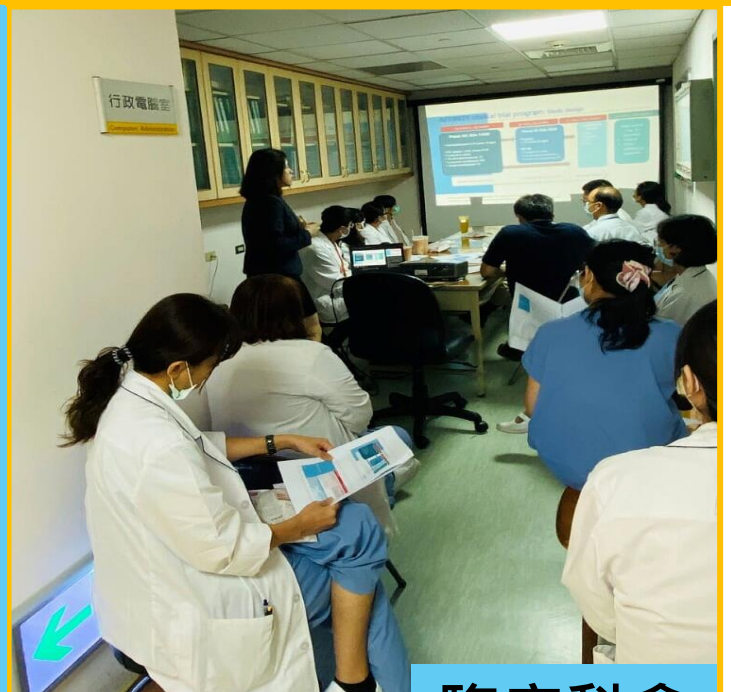
藥學生課程

2020年



2020是生物相似性藥品元年，其藥物療效與原廠相同，價格有些卻只寬裕的患者來說，是能夠用上好藥又不會造成太大經濟負擔的解套辦。

新聞專訪



臨床科會





院內講座



部內課程



南區研討會

2021年

認知教育

2022年

2020年




臨床科會

健康醫療網

生物相似性藥 - 生物製劑長期『經濟毒性』的解方

近年來出現生物製劑可有效改善病況，不過費用卻不是人人負擔得起，幸好出現生物相似性藥可緩解這種「經濟毒性」。生物製劑改善自體免疫疾病困境惟『經濟 ...

4 小時前




健康醫療網

類風濕性關節炎治療不卡關生物相似藥降患者負擔

類風濕性關節炎在二十年前幾乎沒有很有效的治療藥物，甚至曾經有人將類風濕性關節炎形容成一種不會致命的癌症。高雄長庚紀念醫院風濕過敏免疫科鄭添財 ...

6 天前



新聞專訪



護理在職課程



藥學生課程 9

## The Importance of Dispelling Misinformation About Biosimilar Therapies

The promise of biosimilars is real. Biosimilars — which treat serious diseases, including cancers, rheumatoid arthritis, psoriasis, inflammatory bowel disease, and Crohn's Disease — are FDA-approved, equally safe, and have no clinically meaningful differences between their reference biologics. Yet biologic manufacturers have continued to sow doubt about the safety and efficacy of biosimilars. By creating confusion throughout the industry and hampering the biosimilars market, these tactics are only **harming patients who are ultimately losing out on billions of dollars in potential cost-savings.**

Today, the FDA and FTC are [holding a public workshop](#) exploring how best to increase patient access to biosimilars and help ensure that the biologics market is robust and competitive. As part of this interagency collaboration, the FDA and FTC are explicitly discussing the importance of **"[discouraging] false or misleading communications about biosimilars, and [detering] anticompetitive behaviors in the biologic product marketplace."**

The Biosimilars Forum's [Hillel Cohen](#), co-chair of the Forum's [Education Committee](#), is participating in the panel, where he explains how biosimilar use is still limited in many health care systems because they are not well understood by many health care professionals and patients. This mistrust is exacerbated by negatively biased information or intentional misinformation disseminated by biologics manufacturers and other parties.

***Why we should  
stop biosimilar  
misinformation?***



Biosimilar(生物相似藥)



**Generic Drug(學名藥)??**

**台廠藥??**

# 生物相似性藥也是種生物製劑

## 原開發廠

### 原創生物製劑

(又名: 原參考品 · Reference product, Originator)



蛋白質氨基酸  
序列專利過期



## 生物相似性藥開發廠

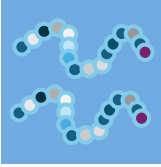




生物相似性藥 A

生物相似性藥 B

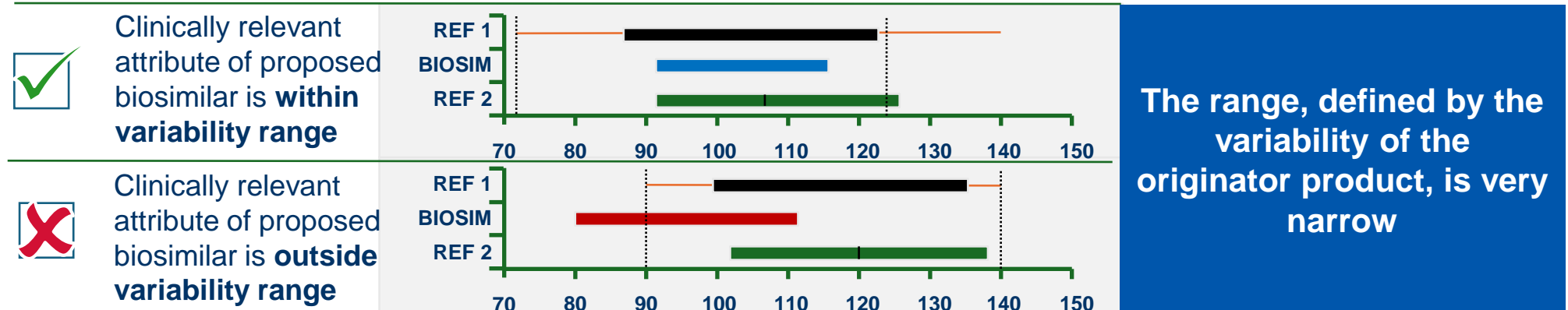
生物相似性藥 C



# A biosimilar is designed to be comparable to the reference product in all parameters

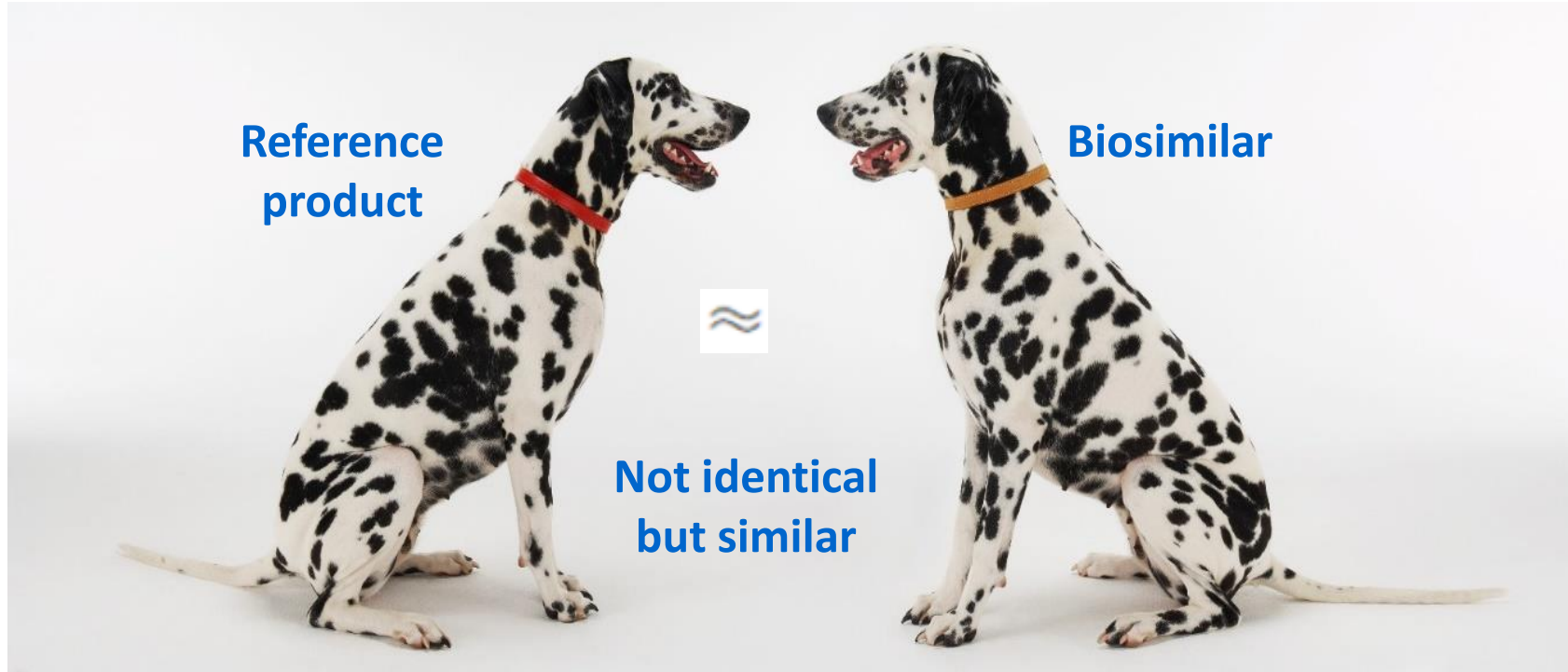
-   ✓ Identical amino acid sequence
- ✓ Highly similar higher-order (spacial) structure
-  ✓ Affinity
- ✓ Selectivity
-  ✓ PK
- ✓ Effector function
-  ✓ Solubility
- ✓ Immunogenicity

**不同批次也有差異**



Schematic developed by Sandoz (18 November 2014).

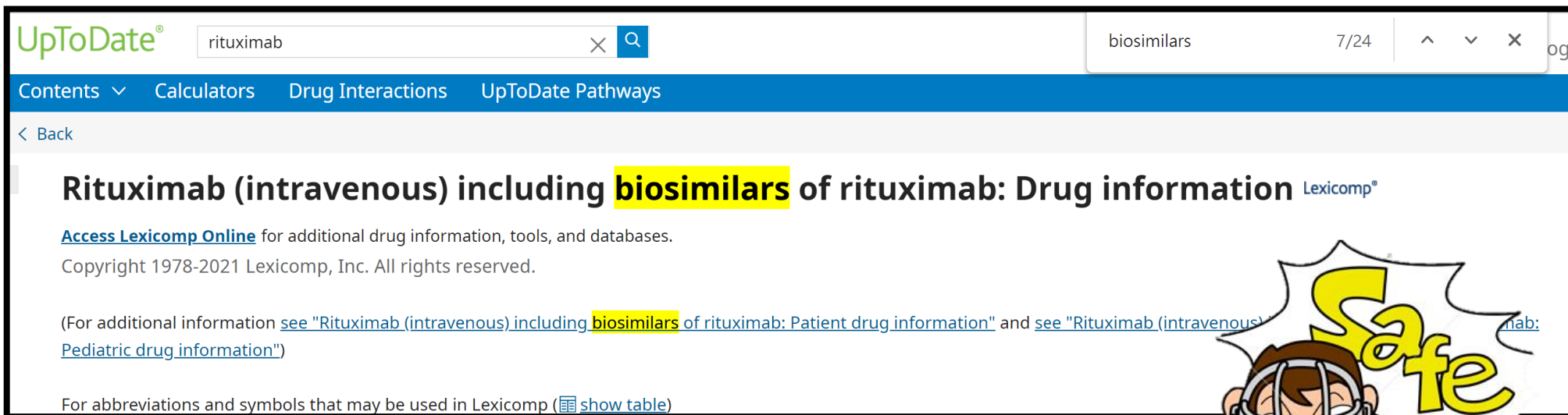
原開發廠生物製劑也無法完全相同  
生物相似性藥與原開發廠生物製劑在結構上相似，  
但功能無異



The issue people care is if they are both good dogs

# 專利適應症

藥廠 or 醫院端



UpToDate® rituximab biosimilars 7/24

Contents ▾ Calculators Drug Interactions UpToDate Pathways

< Back

## Rituximab (intravenous) including biosimilars of rituximab: Drug information Lexicomp®

[Access Lexicomp Online](#) for additional drug information, tools, and databases.  
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(For additional information see "[Rituximab \(intravenous\) including biosimilars of rituximab: Patient drug information](#)" and see "[Rituximab \(intravenous\) Pediatric drug information](#)")

For abbreviations and symbols that may be used in Lexicomp ([show table](#))

醫院端



# 臨床癌症治療指引:生物相似藥納入治療選項

## SUGGESTED TREATMENT REGIMENS<sup>a</sup>

An FDA-approved biosimilar is an appropriate substitute for rituximab.<sup>b</sup>

An FDA-approved biosimilar is an appropriate substitute for rituximab.

### Preferred regimen

- Bendamustine + obinutuzumab<sup>e</sup> or rituximab
- CHOP (cyclophosphamide, doxorubicin, vincristine, prednisone) + obinutuzumab<sup>e</sup> or rituximab
- CVP (cyclophosphamide, vincristine, prednisone) + obinutuzumab<sup>e</sup> or rituximab
- Lenalidomide + rituximab

### Preferred regimen, low tumor burden

- Rituximab (375 mg/m<sup>2</sup> weekly for 4 doses)<sup>f</sup>

### Other recommended regimen

- Lenalidomide + obinutuzumab (category 2B)

### FIRST-LINE THERAPY FOR OLDER OR INFIRM<sup>b</sup> (if none of the above are expected to be tolerable in the opinion of treating physician)

### Preferred regimen

- Rituximab (375 mg/m<sup>2</sup> weekly for 4 doses)

### Other recommended regimens

- Chlorambucil ± rituximab
- Cyclophosphamide ± rituximab

- Rituximab maintenance 375 mg/m<sup>2</sup> one dose every 8–12 weeks for 2 years for patients initially presenting with high tumor burden (category 1)<sup>g</sup>
- Obinutuzumab maintenance (1 g every 8 weeks for 12 doses)

### Other recommended regimens

- If initially treated with single-agent rituximab, rituximab maintenance 375 mg/m<sup>2</sup> one dose every 8 weeks for 4 doses

Footnotes on [FOLL-B 4 of 6](#)

See Second-line Therapy on [FOLL-B 2 of 6](#)

See Third-line and Subsequent Therapy on [FOLL-B 3 of 6](#)

Consider prophylaxis for tumor lysis syndrome ([NHODG-B](#))  
See monoclonal antibody and viral reactivation ([NHODG-B](#))





# Switching-related change in efficacy and safety: a case series study on trastuzumab

Ying-Ying Kang, Eric Kin-Lap Lee, Pei-Yi Lin  
Department of Pharmacy, Kaohsiung Veterans General Hospital



Code name	Age	Prescriber	No. of Herceptin treatment received	No. of Ogivri treatment received	Switch from H to O (1), or O to H (2)	Switch date	Reason for switching	Reason for discontinuation after switching	ER visit
A	52	B	22	16	1	2020/9/11 & 2020/10/02	out-of-pocket & UP	TC	0
B	61	B	14	1	1	2021/3/12	out-of-pocket	PD, 2021/04/27 expired.	Twice, both of which non-drug-related
C	44	A	15	12	1	2020/2/3	out-of-pocket	PD, 2020/12/10 expired.	3 times, malignancy-related (non-drug related)
D	75	A	5	5	1	2021/1/14	commence combination treatment with pertuzumab	Loss to follow-up (last visit was on 2021/3/18 at OPD).	0
E	35	B	13	1	1	2021/06/12 & 2021/07/02	UP	TC	Twice, both unrelated to trastuzumab.
F	53	A	26	1	1	2021/5/13	CEM	PD, shifted to T-DM1	7 times, of which one was related to C/T.
G	65	A	9	8	1	2021/2/18	CEM	TC	Once on 2021/2/24 due to pathological fracture.
H	75	A	19	9	1	2021/1/25	CEM	TC	4 times, of which 3 was related to conventional chemotherapy (but not trastuzumab-related).
I	50	C	1	4	2, followed by 1	2021/3/20 & 2021/04/12	UP	PD, shifted to T-DM1	0

✓ 2020-2021  
✓ 9 p'ts  
✓ mean aged 57

Note:

1. Age indicates most recent age or age at time of death.
2. Reason for switching: UP stands for unintended prescription. CEM stands for cost-effectiveness maximization.
3. Reason for discontinuation: TC indicates treatment continuation as of the end of the study period; PD indicates progressive disease according to RECIST 1.1.

# Efficacy and safety of Sandoz rituximab biosimilar (Rixathon®) in first-line treatment for patients with diffuse large B-cell lymphoma: a single center experience

Tzu-Chien Lin, Tsung-Hsien Tsai, Chang-Hong Yeh, Shyh-Jer Lin, Ying-Chung Hong

Division of Hematology and Oncology, Department of Medicine,  
Kaohsiung Veterans General Hospital, Kaohsiung



## ABSTRACT

We evaluated the real-world efficacy and safety of Rixathon®, a Sandoz rituximab biosimilar, in patients with diffuse large B-cell lymphoma (DLBCL) treatment. Since its introduction to our institute in 2021, 28 patients received Rixathon® in combination with chemotherapy as frontline treatment. The overall response rate was 96.4%, with complete responses in 71.4% of patients and partial responses in 25%. Infusion-related reactions occurred in 4 patients (14.3%), none of which resulted in treatment discontinuation. Febrile neutropenia occurred in 2 patients (7.1%), and five patients (17.9%) died during follow-up. Overall, Rixathon® appears to be an effective treatment with acceptable side effects.

## INTRODUCTION

Diffuse large B-cell lymphoma (DLBCL) comprises about 30% of adult NHL cases worldwide<sup>1</sup>. Adding rituximab to standard CHOP chemotherapy has significantly improved DLBCL prognosis, boosting long-term survival rates by nearly 20%. However, rituximab's high cost limits accessibility, particularly in resource-limited regions. In Taiwan, rituximab is covered by National Health Insurance for DLBCL. To address financial constraints, biosimilar drugs like Rixathon® (a Sandoz rituximab biosimilar) are increasingly used. This study aimed to assess Rixathon®'s real-world clinical efficacy and safety in DLBCL patients.

**Table 1.** Baseline demographics and clinical characteristics of all patients.

Characteristics	N=28(%)	Characteristics	N=28(%)
<b>Sex</b>		<b>ECOG</b>	
Male	20(71.4)	0-1	25(89.3)
<b>Age at transplantation, years</b>		≥ 2	2(10.7)
Median (years)	68	Unknown	1
Range (years)	24-86	<b>LDH</b>	
20-40	4(14.3)	Normal	23(82.1)
40-60	3(10.7)	<b>β2-microglobulin</b>	
> 60	21(75)	Normal	18(64.3)
<b>B symptoms</b>	2(7.1)	<b>Molecular subtype</b>	
<b>Stage</b>		GCB	8(28.6)
I-II	14(50)	Non-GCB	17(60.7)
III-IV	14(50)	Unknown	3(10.7)
<b>IPI risk group</b>		<b>Regimen</b>	
Low	12(42.9)	R-CHOP	17(60.7)
Low-intermediate	5(17.9)	R-CEOP	7(25)
Intermediate-high	9(32.1)	R-EPOCH	3(10.7)
High	2(7.1)	R-miniCHOP	1(3.6)

CHOP: cyclophosphamide, doxorubicin, vincristine, and prednisone; CEOP: cyclophosphamide, epirubicin, vincristine, and prednisone; EPOCH: etoposide, prednisone, vincristine, cyclophosphamide and doxorubicin

# Efficacy and safety of Sandoz rituximab biosimilar (Rixathon®) in first-line treatment for patients with diffuse large B-cell lymphoma: a single center experience

Tzu-Chien Lin, Tsung-Hsien Tsai, Chang-Hong Yeh, Shyh-Jer Lin, Ying-Chung Hong

Division of Hematology and Oncology, Department of Medicine,  
Kaohsiung Veterans General Hospital, Kaohsiung



**Table 2.** Efficacy outcomes by all patients.

	N=28(%)
<b>Number of cycles received</b>	
1-3	5(17.9)
4	2(7.1)
5	3(10.7)
6	18(64.3)
<b>Cause of incompletion</b>	
Intolerance	4
Progression/Expire	6
<b>Best response</b>	
Complete response	20(71.4)
Partial response	7(25)
Progressive disease	1(3.6)
<b>Overall response</b>	96.4%

**Table 3.** Safety outcomes by all patients.

	N=28(%)
<b>Infusion-related reaction</b>	4(14.3)
Any grade	4
Grade ≥ 3	0
<b>Febrile neutropenia</b>	2(7.1)
<b>Neutropenia</b>	13(46.4)
<b>Thrombocytopenia</b>	7(25)
<b>Liver enzyme increased</b>	8(28.6)
<b>Creatinine increased</b>	4(14.3)
<b>Infection</b>	4(14.3)
<b>Mortality</b>	5(17.9)
<b>Cause of death</b>	
Lymphoma	3(60)
Infection	2(40)

**Table 4.** Indirect comparison of clinical study of reference Rituximab and Real-world evidence of Rixathon® in Patients with previously untreated DLBCL (The table should be interpreted with caution, as direct head-to-head comparisons were not conducted)

Parameter	Study		
	GOYA (2020) <sup>2</sup>	REFLECT	Taiwanese RWE (current study)
<b>Study</b>			
<b>Design</b>	Phase III International, prospective, open-label, randomized trial of R-CHOP vs. CHOP plus obinutuzumab	RWE Prospective, observational, multi-center, non-interventional study (Oct 19, 2017 to Mar 31, 2021)	RWE single center (Taiwan), retrospective study (2021-2023)
<b>Population</b>	Previously untreated CD20+ DLBCL treated with R-CHOP	Previously untreated CD20+ DLBCL treated with R-CHOP	Patients with previously untreated DLBCL treated with Rixathon® of patients
<b>N</b>	710	169	28
<b>Endpoints</b>			
<b>Primary endpoint</b>	Investigator-assessed PFS	CR at end of treatment assessed by treating physician	Treatment response
<b>ORR, %</b>	77.6	94.7 (95% CI 90.1, 97.5)	96.4
<b>CR, %</b>	CT with PET: 59.1 CT without PET: 33.9	65.1 (95% CI 57.4, 72.3)	71.4
<b>PR, %</b>	N/A	29.6 (95% CI 22.8, 27.1)	25
<b>PFS/EFS, %</b>	5-year PFS: 62.6 (95% CI 58.1, 66.8)	24-month est. PFS: 78.5 (95% CI 70.9, 84.4)	N/A
<b>AEs, %</b>	94.0	84.6	N/A
<b>SAEs, %</b>	38.4	37.3	N/A

## Policy review

**RIXATHON<sup>®</sup>**  
rituximab

*Power in your hands*

Google 生物相似藥 新聞

全部 新聞 圖片 影片 網頁 購物 地圖 更多 工具

**GeneOnline News**  
生物相似藥專家齊聚亞洲生技大展，盼提升處方獎勵與開放藥費差額負擔  
為提升生物相似性藥品臨床使用，健保署於本（2024）年度7月1日首推生物相似藥之鼓勵試辦計畫，以「醫療給付改善方案」專款支應五千萬，期望透過處方開立獎勵...  
2024年8月1日

**中央社 CNA**  
台灣生物相似藥使用率低專家：應開放藥品差額負擔| 生活  
2024亞洲生技大展昨天閉幕，展覽期間舉辦「生物相似藥醫院高峰會」，新光醫院副院長洪子仁指出，台灣使用生物相似藥占比8%以下，因民眾有原廠藥品迷思，...  
2024年7月30日

**奇摩新聞**  
長庚直接獎勵醫師 開3張生物相似藥處方箋領2000元  
長庚醫院自2022年推動使用生物相似性藥鼓勵方案，只要院內醫師第一張處方箋開立生物相似藥，就直接給醫師1000元獎勵。實施1年後發現，醫生開完一張處方箋後，...  
2024年8月25日

**聯合新聞網**  
醴聯完成生物相似藥SPD8一期試驗 將啟動三期臨床  
醴聯完成生物相似藥SPD8一期試驗將啟動三期臨床... 醴聯（4168）16日宣布，與日本三菱瓦斯化學株式會社（MGC）合作開發的Denosumab生物相似藥SPD8，已於日本成功...  
2024年8月18日

# 先進國家推動biosimilar鼓勵政策與策略

## 強制轉換

挪威：醫院**強制統一採購**，低價藥得標後列入處方選項中。

加拿大：特定適應症**強制轉換**，biosimilar列為**新病人**處方項目。

## 處方獎勵

英國：醫師開立單一成分biosimilar達標後可有**藥品1%合約價格獎勵**。新病人90%、舊病人80%

日本：醫師衛教且開立biosimilar，每次可得**1500日圓**獎勵。

## 簡化流程

澳洲：**事前審查**作業簡化。

## 替代獎勵

澳洲：**鼓勵但不強制**醫師開立biosimilar於新病人。

## 收益共享

英國：地方臨床委任小組與醫院收益共享，**醫院可保留處方較低價的藥品所節省的成本之固定百分比**。

# 全民健康保險推動使用生物相似藥之鼓勵試辦計畫

113 年 6 月 14 日健保審字第 1130111063 號公告

## 壹、計畫依據

全民健康保險會(下稱健保會)協定年度醫療給付費用總額事項辦理。

## 貳、現況分析

近年全球藥品研發朝向大分子生物藥，據 Nature 報導，111 年最暢銷

# 全民健康保險推動使用生物相似藥之鼓勵試辦計畫

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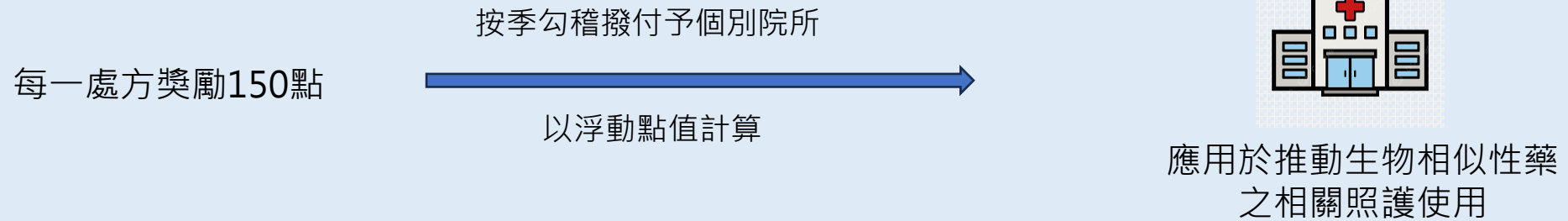
引進，得以治療更多病人。

全民健康保險保險人(下稱保險人)為提升生物相似性藥品之使用，已推動 3 大措施，分別為：於官網建立生物相似性藥品專區、無須提報專家諮詢會議討論以加速收載，及無財務衝擊或可容許之財務衝擊下，得「免除事前審查」、「放寬使用期限」或「擴增給付規定」等給付策略。112 年健保收載之生物相似性藥品計有 11 個成分、41 個品項，其中生物相似性藥品之醫令量占整體同成分藥品之醫令量占率為 7.38%。

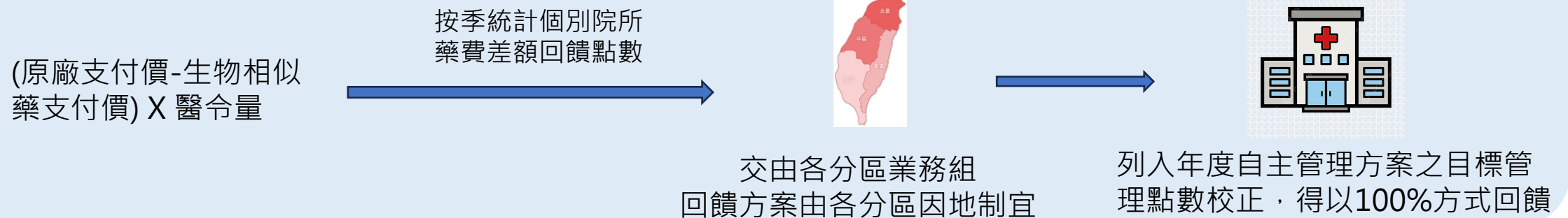
# 全民健康保險 推動使用生物相似藥之鼓勵試辦計畫

計畫試辦3年，實施目標：  
↑ 醫療院所開立生物相似性藥品之處方數    ↑ 本計畫藥品醫令量占率達30%以上

## (一) 處方開立獎勵



## (二) 藥費差額回饋：



## 全民健康保險推動使用生物相似藥之鼓勵試辦計畫

## 鼓勵處方藥品清單

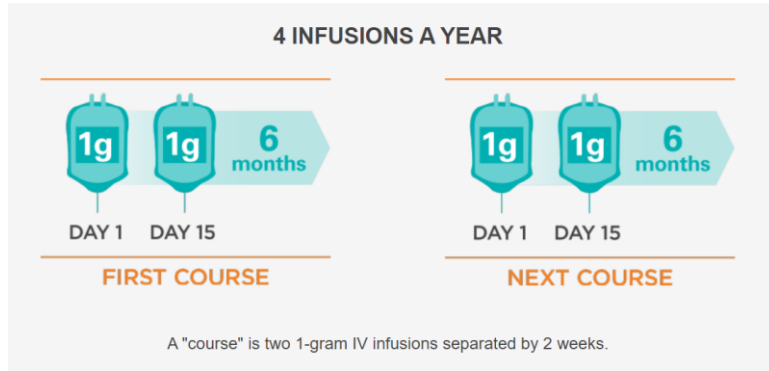
成分項次	藥品成分	分類分組名稱	藥品項次	藥品商品名	藥品健保代碼
1	adalimumab	adalimumab, 注射劑, 40 mg	1	Amgevita	KC01098283
			2	Idacio 玻璃小瓶(瑞士廠)	KC01153283
			3	Idacio 預充填針筒(義大利廠)	KC01154283
			4	Abrilada	KC01157283
			5	Hulio	KC01149283
			6	Hyrimoz	KC01181283
			7	Yuflyma	KC0
2	etanercept	etanercept, 注射劑, 25.00 mg	1	Erelzi	KC0
			2	Nepexto	KC0
		etanercept, 注射劑, 50.00 mg	3	Erelzi	KC0
			4	Nepexto	KC0
3	pegfilgrastim	pegfilgrastim, 注射劑, 6.00 mg	1	Fulphila	KC0
			2	Ziextenzo	KC0

4	<u>rituximab</u>	rituximab, 注射劑, 100mg	1	Truxima 100 mg	KC01094229
			2	Rixathon 100 mg	KC01118229
			3	Ruxience 100 mg	KC01165229
		rituximab, 注射劑, 500 mg	4	Truxima 500 mg	KC01094248
			5	Rixathon 500 mg	KC01118248
			6	Ruxience 500 mg	KC01165248
5	teriparatide	teriparatide, 注射劑, 600 mcg	1	Alvosteo	KC01151213
6	trastuzumab	trastuzumab, 注射劑, 420~440 mg	1	Kanjinti	KC011112DE
			2	Ogivri	KC010892B5
			3	Herzuma	KC011162B5
			4	Trazimera	KC011362B5
		trastuzumab, 注射劑, 150 mg	5	Eirgasun	JC00154261

註：試辦期間，本表如有新暫予收載或異動之生物相似性藥品品項，保險人得於每月 25 日前修正公告附表品項資訊。



# Rixathon® 洛希隆注射劑 可減少醫療體系的支出與負擔<sup>1</sup>



規格 (瓶)	Rixathon®	原廠	藥價差
100 mg 健保代碼	5,275 KC01118229	7,098	1,823
500 mg 健保代碼	26,377 KC01118248	34,285	7,908

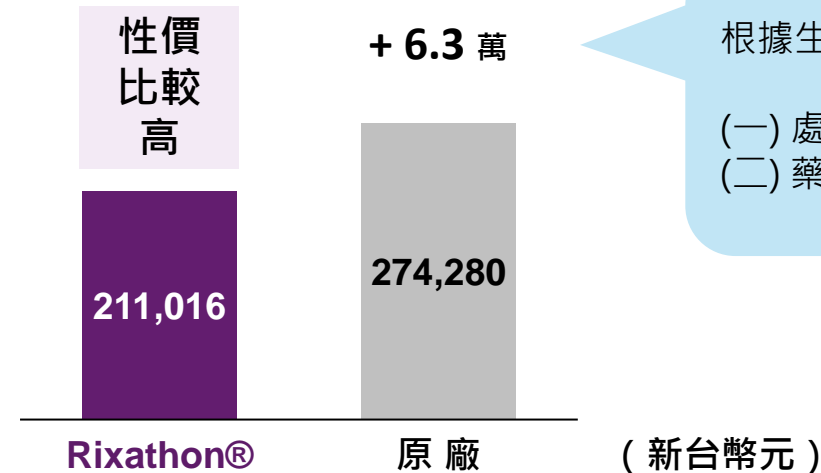
## 藥價試算總療程費用\*

以類風濕性關節炎假設案例推估



Rituximab IV 劑型  
總用量 4,000 mg/年

\*類風濕性關節炎一個療程含兩次靜脈輸注，  
每次輸注500-1000 mg，  
此處以每次輸注1000 mg、  
24週後施打一個重複療程推算



根據生物相似藥鼓勵計畫<sup>2</sup>


- (一) 處方開立獎勵 600點
- (二) 藥費差額回饋 6.3萬點


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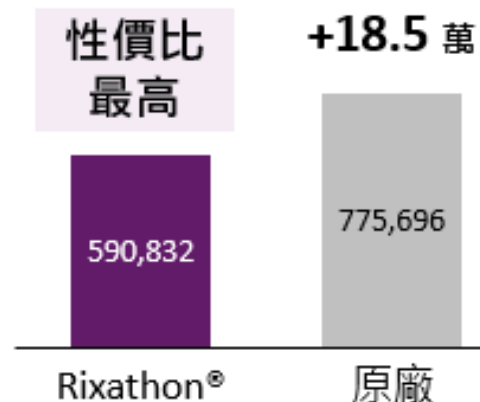
藥價試算總療程費用\*

以濾泡性淋巴瘤假設案例推估

 身高 170 cm  
 體重 65 kg  
 體表面積 1.75 m<sup>2</sup>

 Rituximab IV 劑型  
 總用量 657 mg\*

\*濾泡型淋巴瘤 誘導治療 + 維持治療 一共 16 劑 (約 2 年半)



根據生物相似藥鼓勵計畫<sup>2</sup>

- (一) 處方開立獎勵 2,400 點
- (二) 藥費差額回饋 18.5 萬點

**Thank you**

