



AMSA Taiwan 亞洲醫學生聯盟台灣協會

5月16日下午12:36 · 🌐

【2022 AMSC 國內學術代表甄選 結果公告】

感謝各位參賽者用心準備學術作品，並且積極參與上週六的學術代表甄選！
在此亦特別感謝評審委員們於甄選時用心且詳盡的講評、給予同學們不少建議，感恩
您們的付出，讓本次國內學術代表甄選能更加圓滿👏

大家的表現都非常出色，相信在親手完成屬於自己的學術作品、與評審委員及其他同
學交流互動後，大家對Telemedicine 此主題都有了更深一層的認識與啟思><

🏆 以下公佈各項競賽的入選組別：
(括號內之正備取順序為成為台灣學術代表的順位)

📌 Scientific Paper

第一名 (正取1)：周詠燃、金宜琳、陳子茜、洪德初

📌 Scientific Poster

第一名 (正取1)：陳子茜、周詠燃、金宜琳、洪德初

第二名 (正取2)：李瀚恩

第三名 (備取1)：黃鈺雯、王彥翔、呂彥勳

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第二名 (正取2)：陳苡萱、賴昱汝、李咏璇

恭喜以上獲獎組別🎉

所有參賽者的參賽證明以及獲獎組別的獎狀將會經由報名時提供之email寄給各位~

**2022 AMSC
S E O U L**

會議地點	Seoul, South Korea
會議日期	2022/07/17-2022/07/24
會議主題	Telemedicine: Is it ideal or suboptimal?
會議形式	實體會議

한 국

**[2022]
入 冊 5 亡
國內學術代表甄選**

結果公告

**賀 本校醫學系
取得雙料冠軍**

<https://www.facebook.com/526984697327965/posts/5978255758867471/?d=n>

📌 Scientific Paper
第一名 (正取1)：周詠燃、金宜琳、陳子茜、洪德初

📌 Scientific Poster
第一名 (正取1)：陳子茜、周詠燃、金宜琳、洪德初

AMSA TAIWAN
亞洲醫學生聯盟台灣協會

TAN CHI QIAN CHIN, I-LIN
CHOW WING YIN HUNG, DE-RENG
CHUNG SHAN MEDICAL UNIVERSITY

Telemedicine in Taiwan

current situation & concerns

INTRODUCTION

RESULTS

DISCUSSIONS

Telemedicine is the spaceless and timeless practice of medicine using technology, which includes

- Teleconsultations** : physician and patients at a distant site.
- Scholarly discussions** : two or more health care professionals.

According to the Department of Health in Taiwan, the **goal** of telemedicine is

- Remote diagnosis** : design, establish and evaluate a wide array of services that jointly constitute a nationwide pilot system for patient management.
- Covid-19 pandemic** : assist patients under quarantine, and reduce risks of infection of medical staffs.

Objective
To examine the **major concerns** of telemedicine and give out **solutions for improvements**.

METHODS

CONCERNS

RECOMMENDATIONS

Resources from the Internet

- Semi-structured Interviews** : 3 attending doctors, 1 superintendent from Chung Shan Medical University Hospital
- Cross-sectional data analysis** (Questionnaire from Google Form)
 - Sample size : 263
 - Area : Taiwan
 - Time period : 21 days

Other Medical Professionals
14.6%

Nurses
28.7%

Medical Doctors
56.7%

One in every four medical professionals participate in telemedicine

Healthcare Professionals' Perception of Barriers in Telemedicine Implementation

Barrier	Percentage
Lack of Centralized Platform	~85%
Operation Difficulty	~75%
Unstable Wi-Fi Connection	~70%
Insufficient Technology Investment	~65%
Unstable Internet	~60%
Unstable Wi-Fi Connection	~55%
Insufficient Technology Investment	~50%
Unstable Internet	~45%
Unstable Wi-Fi Connection	~40%
Insufficient Technology Investment	~35%
Unstable Internet	~30%

Concerns when Using the System

Concern	Percentage
Unstable Wi-Fi Connection	85%
Lack of Centralized Platform	80%
Operation Difficulty	75%
Insufficient Technology Investment	70%
Unstable Internet	65%
Unstable Wi-Fi Connection	60%
Insufficient Technology Investment	55%
Unstable Internet	50%
Unstable Wi-Fi Connection	45%
Insufficient Technology Investment	40%
Unstable Internet	35%

CONCERNS

- Privacy Invasion**
 - Informations are vulnerable to security risk
 - Non-confidential recordings and might be edited maliciously
- Medication Prescription**
 - Inconvenience of traveling for the prescription of medication
 - Required to get a legit prescription from medical institutions
- Doctor-Patient Relationship**
 - No nonverbal communication
 - Palpation is replaced by technology
 - Unable to build rapport with patients
 - Causing misdiagnosis
- Technology Usage**
 - Operation difficulty
 - Lack of centralized platform
 - Immoderate Technology Intervention
 - Unstable Wi-Fi connection
- Health System Coverage**
 - Salary of physicians
 - Accessibility of the after-process data collected
 - Increased in working hours of doctors
- Law Regulation**
 - Unjustified stated of law standards
 - Licenture required for cross-border consultations
 - Medical-legal complications
 - Care reimbursement

RECOMMENDATIONS

- Law Amendment**
 - Provide a lawfully protected environment toward misdiagnosis due to inaccuracy of data
 - Set up a decent and independent authority
 - Delegation of authority in the prescription of medicine and drugs
 - Online legal permitted prescriptions
- Professionals and Government Enhancement**
 - Set up etiquette checklist
 - Increase funding
 - Provide sufficient physical medicine supplements
 - E-health records and past data during consultations
 - Designate more budget in rural areas
- Centralised Platform**
 - Prevent IT crashes
 - More reliable firewall and proxy connections for protections
 - Introduce of various payment method
 - Provide a user friendly platform

References:

[1] Fial Jui-Hsiu Ho, Chi-Ping Wei, Tsang-Hsiang Cheng. Investigating Telemedicine in Taiwan: Implications for Telemedicine Program Management. 2022. <https://www.mdpi.com/2078-2449/14/11/2174>

[2] Orsola N. Caporaso et al. 2021. Telehealth Benefits and Barriers. 2021. <https://doi.org/10.1002/9781119507972.ch12>

[3] Gabriela Ingegnit, Anvitha Karanamany, Laura Sobal, Alina Vajargiu, Lidia Carami, Meredith Freed, Karar Family Foundation. Opportunities and Barriers for Telemedicine in the U.S. during the Covid-19 Emergency and beyond. 2020. <https://www.fda.gov/oc/2020/04/telemedicine-health-care-providers-and-patients>

[4] Ayesha Makhoul, Bill Wang, Gregory Snyder. The Commonwealth Fund 2020. Telemedicine: What Should the Post-Pandemic Regulatory and Payment Landscape Look Like? 2020. <https://www.commonwealthfund.org/publications/issue-briefs/2020/aug/telemedicine-what-should-the-post-pandemic-regulatory-and-payment-landscape-look-like>

Acknowledgement:
We have applied the ICMJE approach for the sequence of authors. This research behind it would not have been possible without the exceptional support of Dr. Chao-Yen Huang and Dr. Yu-Shou Lu from the Emergency Department, Dr. Si-Bai Huang from the Family Medicine Department, we would also like to show our gratitude to Professor Tzenwei Ming-Chi Tsai, the superintendent of the hospital, for sharing his pearls of wisdom with us during the course of this research. We would also like to extend our thanks to 263 anonymous medical professionals for taking time out to fill out questionnaires, making our study successful!



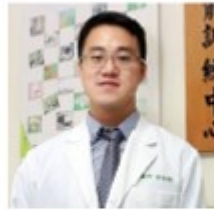


IX. 指導教授



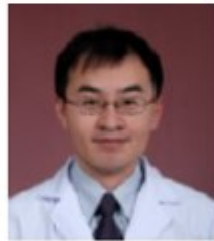
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關於：亞洲醫學生會議（AMSC）

AMSC (Asian Medical Student Conference,) 是亞洲醫學生聯盟一年一度的大會，自亞醫 (AMSA) 創立初期以來每年於7月舉辦，至今已邁入第43屆。歷屆皆有來自逾15個會員國之100至200位代表參與，會議圍繞著大會主題 (Theme) 設計一系列體現亞醫 "Action, Knowledge, Friendship" 核心宗旨之活動。議程除了與大會主題相關之學術講座、工作坊、參訪、學術競賽之外，亦有許多與他國代表進行交流之活動，如：文化之夜、國際博覽會等等。

關於：2022年度第43屆亞洲醫學生會議

會議地點	: 首爾, 韓國
會議日期	: 2022/07/17 至 2022/07/24
會議主題	: “遠程醫療：是理想的還是次優的？”
受邀國家	: 14個會員國、6個觀察員國家
主辦單位	: 亞洲醫學生國際聯盟以及韓國分支
會議形式	: 實體會議
註冊費用	: 660USD

最後更新日期: 2022-10-13

恭喜本校醫學系一年級周詠燃、金宜琳、陳子茜、洪德初四位獲獎同學

參加亞洲醫學生聯合會比賽,並取得Scientific poster 和 Scientific paper 全國學術競賽雙料冠軍! 將代表台灣七月份去韓國參加亞洲醫學生比賽。

AMSA Taiwan 亞洲醫學生聯盟台灣協會 公佈各項競賽的入選組別：

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訪客人數441567

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