

كلية محمد المانع للعلوم الطبية
Mohammed Al-Mana College for Medical Sciences



MACHS
NEWSLETTER

2023

DECEMBER

VOL 5 ISSUE 6

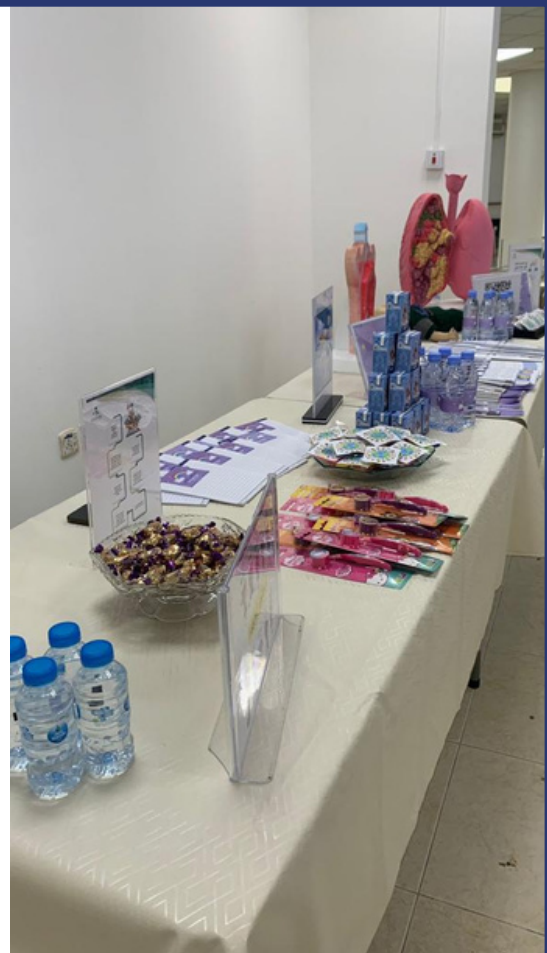
NEAR DROWNING

December 2023. The Respiratory Therapy department, in collaboration with Community Services and Extracurricular activity units, organized a "Near Drowning" event, which hosted 5 educational stations to educate the audience about the risks and complications by covering pathophysiology, swimming and diving, safety and precautions, management, and advance management.



CHILD AWARENESS DAY

December 2023. The Respiratory Therapy department organized Child Awareness Day at Aljameen Primary Health Unit. The activity aimed to educate the public about the good habits for children and spread the awareness of how to deal with a choking child.



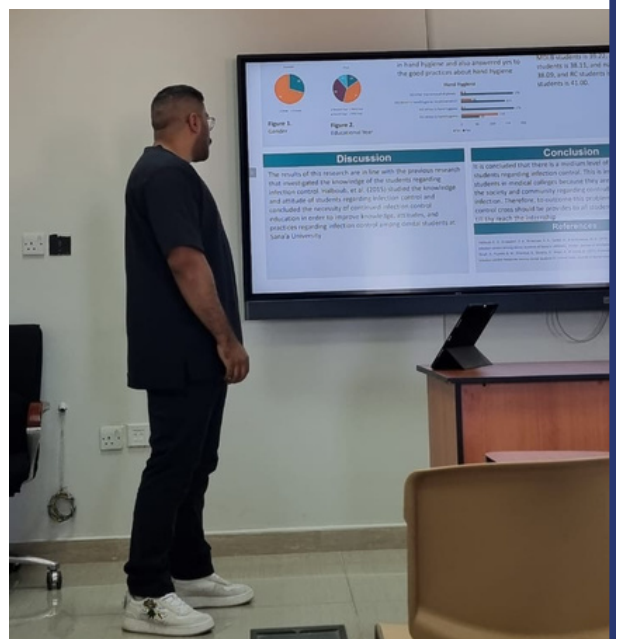
SAVE A LIFE: PUBLIC FIRST AID ACTIVITY

December 2023. The Respiratory Therapy department conducted a community service through its departmental committee entitled "Save a Life: Public First Aid " at Independent Insurance Brokers company. Targeting the company's staff as preceptors, the organizers explained the steps of cardiopulmonary resuscitation and the techniques of dealing with choking conditions.



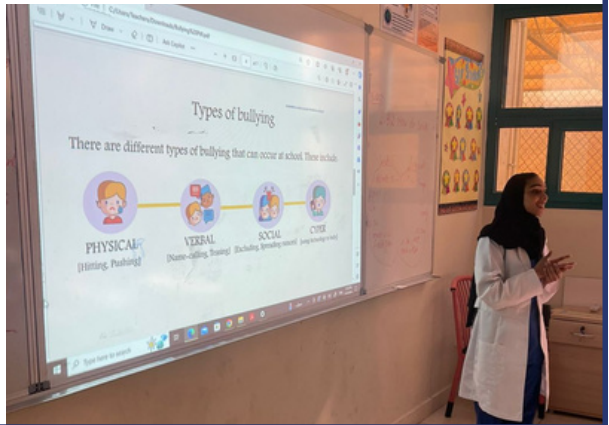
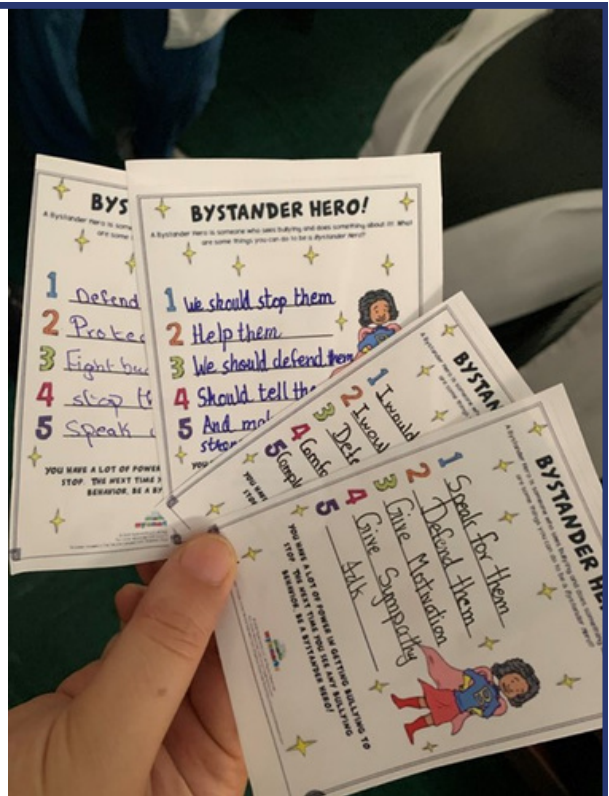
MDLB STUDENT RESEARCH SEMINAR

December 2023. The Scientific Research Committee of the Medical Laboratory department conducted a Scientific Research Day event for its students to review the research activities and results in the academic year 2023-2024.



"BULLYING AT SCHOOL" AWARENESS CAMPAIGN

December 2023. As part of community service initiatives, the FYD faculty and students organized an event titled "Addressing Bullying at School" at the Pakistani International School and Asia International School in Al-Khobar. The primary aim was to raise awareness among students regarding bullying, its detrimental effects, and various strategies to combat it both within the school environment and in the broader society. The event featured engaging elements such as PowerPoint presentations, interactive Q&A sessions, role-playing activities, and the distribution of giveaways to enhance the overall learning experience.

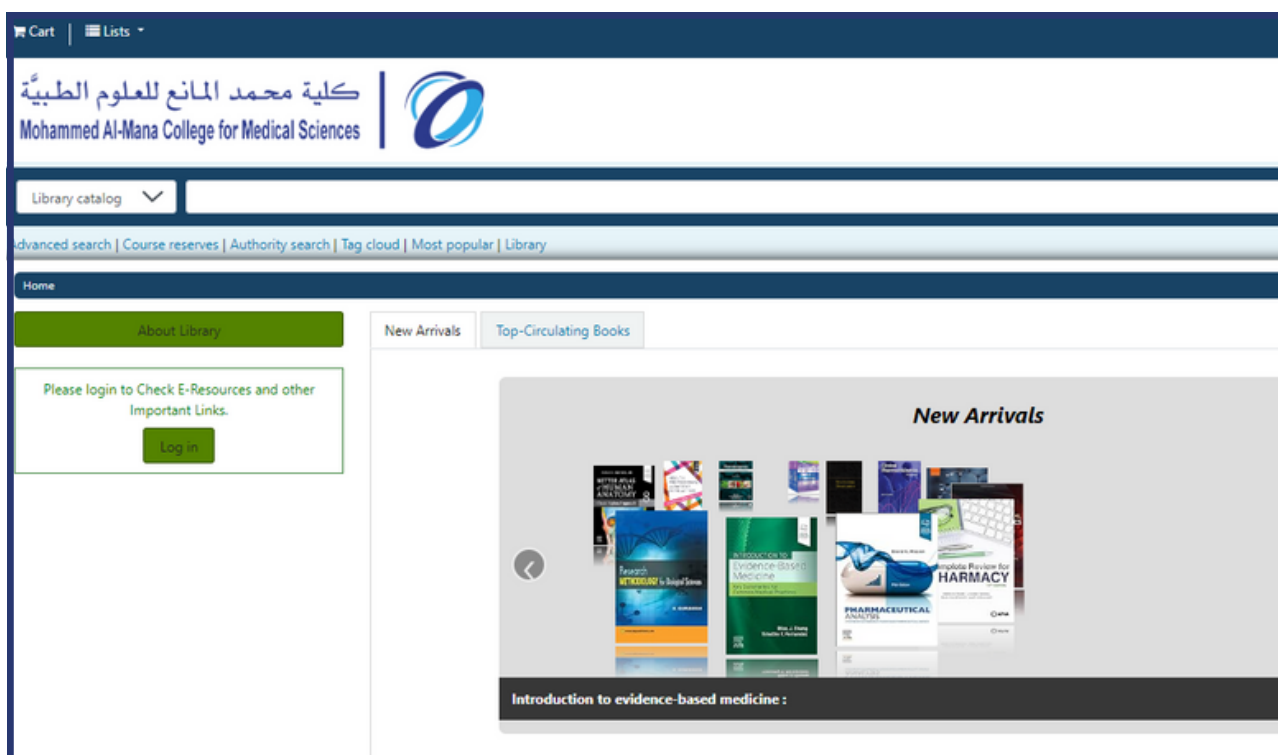


MACHS LIBRARY, EXCITING RECENT DEVELOPMENTS

MACHS Library has recently carried out major enhancements that were designed to make research and reading journey smoother and more convenient than ever. To begin with, the Koha library system has been upgraded to the latest stable version (23.05.05.000). Additionally, the landing web page has been given a new look and easier-to-remember URL:

<https://library.machs.edu.sa>

All MACHS members are encouraged to take advantage of these enhancements and explore the wealth of knowledge and information available through the Library. Whether you are conducting research, studying for exams, or simply seeking personal enrichment and growth, the library's upgraded system and convenient sub-domain will undoubtedly enhance your academic journey!



MENSTRUAL HYGIENE



December 2023. The Nursing department, in collaboration with Community Services committee, organized a community service activity entitled "Menstrual Hygiene" held at Ibn Roshed international school. The activity sought to raise the awareness of the school's students about the physiology of menstruation and menstrual hygiene through interactive presentations about the anatomy and physiology of the reproductive system and some false concept about menstruation.

AL DAWAA PHARMACY TRAINING UNIT VISITS

MACHS DEPARTMENT OF PHARMACY

December 2023. A recent meeting between the Pharmacy department and Al Dawaa pharmacy chain marked another successful step in strengthening the partnership. Spearheaded by Dr. Yousif Amin, the head of Pharmacy department, and the Pharmacy Training Unit members alongside with Dr. Abdullah Al Dhailan and Ms. Shahad Al Amri from Aldawaa's training unit, the collaborative session focused on optimizing the training experiences for internship students enrolled in the program. The exchange of ideas and insights between the department's representatives and Al Dawa training unit resulted in actionable strategies to enrich the internship training, ensuring that students receive comprehensive exposure to real-world pharmacy practices. Further focusing on refining training methodologies, supporting student engagements, aligning curriculum with industry demands, and enhancing the overall learning experience for pharmacy students. The palpable mutual enthusiasm between MACHS and Al Dawaa signifies a shared dedication to fostering a lasting alliance with passionate commitment to advancing the field of pharmacy practice. One that propels the education and training of future pharmacy professionals while addressing the dynamic needs of pharmaceutical practice.



DISCUSSING PATENT REGISTRATION MECHANISMS

December 2023. The Professional Development Unit, in collaboration with the Patent and Technology Licensing Committee, held a workshop entitled Discussing Patent Registration Mechanisms, in the presence of the representative of the Oblon law firm - United States, Dr. Stefan Koschmeder. This workshop aimed to highlight the importance of protecting patents and following up on the registration process, and the importance of disclosure before publication.



WE COME TO YOU

December 2023. MACHS invited Civil Affairs representatives within the “We Come to You” initiative that is implemented by the Ministry of the Interior’s Agency for Civil Affairs. The initiative aimed to facilitate procedures for college employees through providing a set of services such as ID card services and profession modification. This came within the college's effective efforts to serve the community and provide a comfortable environment for its employees. Accordingly, the college administration thanked the Civil Affairs for their cooperation and participation in providing the service at the college headquarters.



RESEARCH PUBLICATIONS

1

Chopra, Hitesh, Mohanta, Yugal Kishore, Mahanta, Saurov, Mohanta, Tapan Kumar, Singh, Inderbir, Avula, Satya Kumar, Mallick, Sarada Prasanna, Rabaan, Ali A., AISaihati, Hajir, Alsayyah, Ahmed, Alissa, Mohammed, Alturaifi, Hussain R., AlAlwan, Bader, Attia, Mohamed S., Chakraborty, Sandip and Dhama, Kuldeep. "Recent updates in nanotechnological advances for wound healing: A narrative review" *Nanotechnology Reviews*, vol. 12, no. 1, 2023, pp. 20230129.

Indexing: Scopus 

PubMed 

Web of science 

PUBLICATION

Quartile: Q1 Impact Factor: 7.4

2

Ansari MA, Shoaib S, Alomary MN, Ather H, Ansari SMA, Hani U, Jamous YF, Alyahya SA, Alharbi JN, Imran MA, Wahab S, Ahmad W, Islam N. Deciphering the emerging role of phytocompounds: Implications in the management of drug-resistant tuberculosis and ATDS-induced hepatic damage. *J Infect Public Health*. 2023 Sep;16(9):1443-1459. doi: 10.1016/j.jiph.2023.07.016.

Indexing: Scopus 

PubMed 

Web of science 

PUBLICATION

Quartile: Q1 Impact Factor: 6.7

3

Shoaib, S.; Ansari, M.A.; Fatease, A.A.; Safhi, A.Y.; Hani, U.; Jahan, R.; Alomary, M.N.; Ansari, M.N.; Ahmed, N.; Ahmad, W.; et al. Plant-Derived Bioactive Compounds in the Management of Neurodegenerative Disorders: Challenges, Future Directions and Molecular Mechanisms Involved in Neuroprotection. *Pharmaceutics* 2023, 15, 749.

Indexing: Scopus 

PubMed 

Web of science 

PUBLICATION

Quartile: Q1 Impact Factor: 5.4

4

Mittal, P.; Dhankhar, S.; Chauhan, S.; Garg, N.; Bhattacharya, T.; Ali, M.; Chaudhary, A.A.; Rudayni, H.A.; Al-Zharani, M.; Ahmad, W.; et al. A Review on Natural Antioxidants for Their Role in the Treatment of Parkinson's Disease. *Pharmaceutics* 2023, 16, 908. Issue 4, P 204-210., https://www.ejbps.com/ejbps/abstract_id/9592.

PUBLICATION

Quartile: Q2 Impact Factor: 4.6

5

Ali, M. D., Qur, F. G., Alam, M. S., Alotaibi, N. M., & Mujtaba, M. A. (2023). Global Epidemiology, Clinical Features, Diagnosis and Current Therapeutic Novelties in Migraine Therapy and their Prevention: A Narrative Review. *Current Pharmaceutical Design*.

PUBLICATION

Quartile: Q3 Impact Factor: 3.1

RESEARCH PUBLICATIONS

6

Tanushree Jain, Tanya Katyal, Sri Shivani Thatavarti Bharatam, Manthan Kaushik, Mohammad Ali, Munfis Patel, Foziyah Zakir, Mohammed Zaafar Khan, Mohd. Aamir Mirza and Zeenat Iqbal. Menstrual Cup Awareness and Future Usage Possibilities of Consumers: A Cross-sectional Study. Current Women's Health Reviews. Published on: 22 November, 2023.

Indexing: Scopus  **Web of science** 

PUBLICATION

Impact Factor: 0.4

7

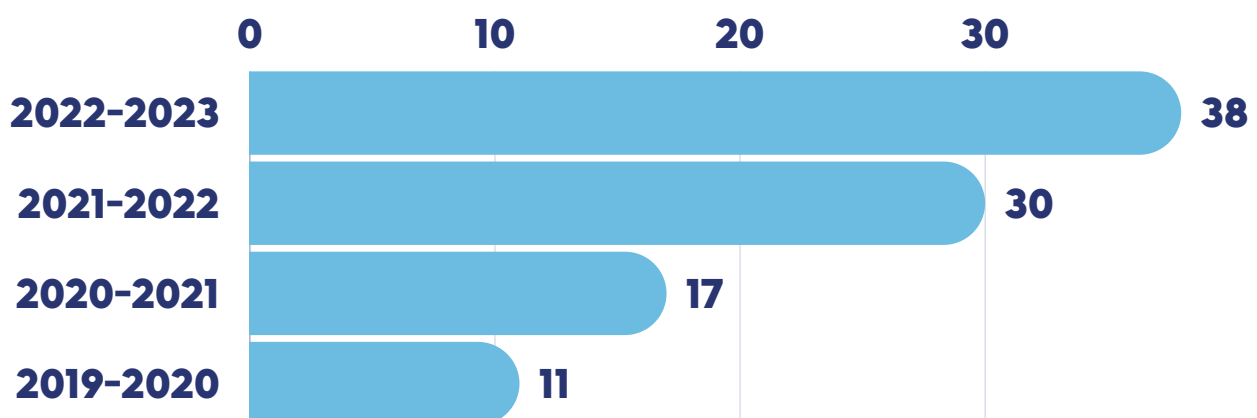
To accomplish the goals of MACHS, promote a culture of research, and implement MACHS research opportunities and support, SRU/IRB arranged the 100th meeting, or century of meetings. We are on the verge of an impressive accomplishment. Without our esteemed Dean, Prof. Emad, this would not have been feasible. SRU heartily acknowledges the best facilities, positive environment, and a significant research grant. SRU is deeply grateful to VDAA, Dr. Jenan for their continuous support and guidance.

SRU/IRB CONDUCTED 100TH MEETING:



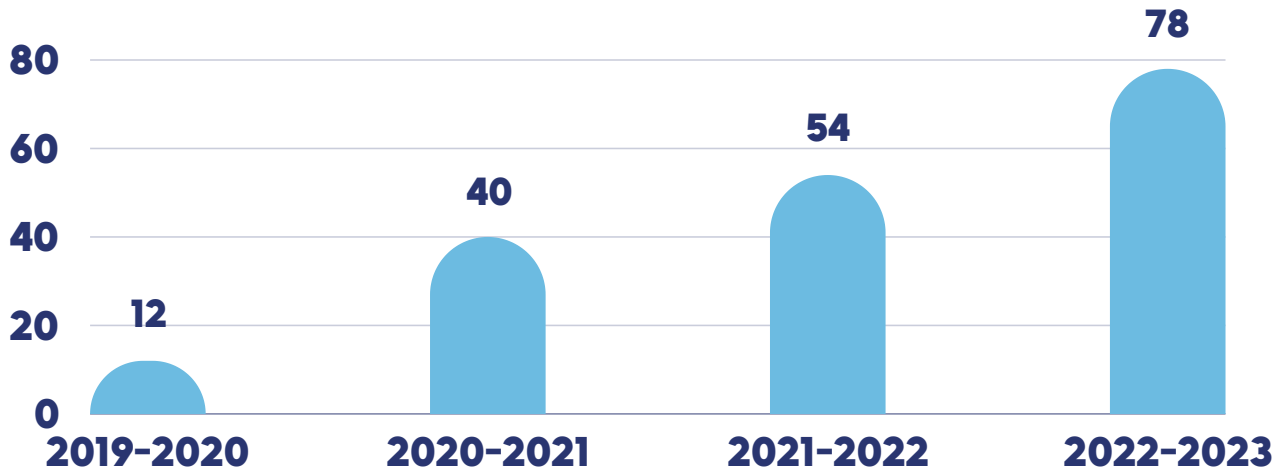
To accomplish the goals of MACHS, promote a culture of research, and implement MACHS research opportunities and support, SRU/IRB arranged the 100th meeting, or century of meetings. We are on the verge of an impressive accomplishment. Without our esteemed General Supervisor, Dr. Aysha, and our dedicated Dean, Prof. Emad, this would not have been feasible. SRU heartily acknowledges the best facilities, positive environment, and a significant research grant. SRU is deeply grateful to VDAA, Dr. Jenan, for her continuous support and guidance. We accomplished many things on this journey, this is just a glance of them.

NO. OF FACULTY INVOLVED IN RESEARCH

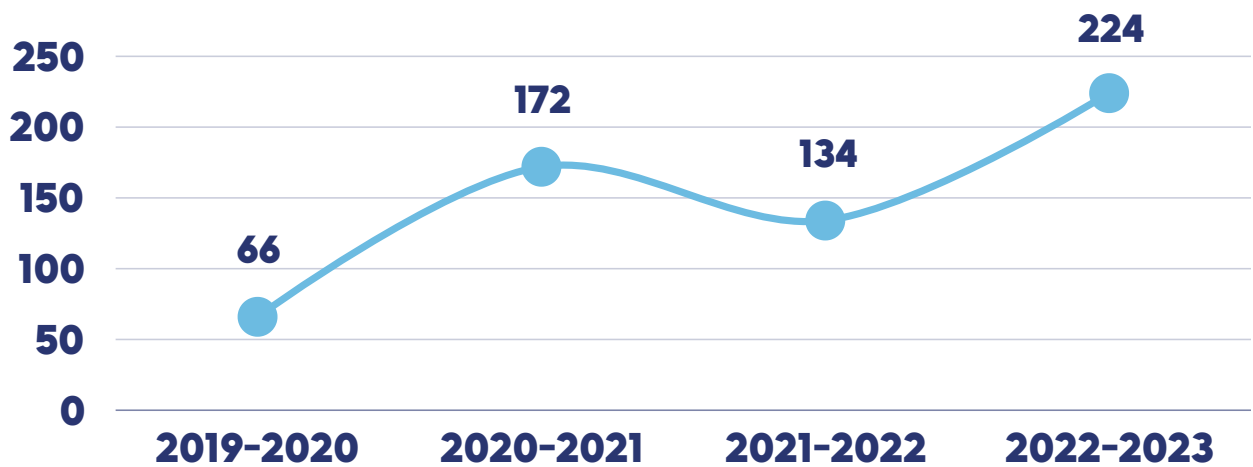


SRU/IRB CONDUCTED 100TH MEETING:

NO. OF PUBLICATIONS



NO. OF STUDENTS INVOLVED IN RESEARCH



WELCOME NEW EMPLOYEES



COMMUNITY SERVICES IN THE UPCOMING VOLUME



JAN. - MAR. 2024

GREEN CAMPAIGN



JAN. 2024

**PROFESSIONS' SHRINKS: NEED
TO TALK TO SOMEONE?**



JAN. 2024

RABIES AWARENESS



JAN. 2024

**STEM CELL DONATION
CAMPAIGN**

COMMUNITY SERVICES IN THE UPCOMING VOLUME



JAN. 2024

CANCER AWARENESS CAMPAIGN



FEB. 2024

WORLD RARE DISEASE DAY



FEB. 2024

WORLD WOMAN DAY



FEB. 2024

WORLD DAY OF HAPPINESS



FEB. 2024

MACHS HEALTH RESEARCH DAY

This newsletter issue is ostensibly supported by the following who contributed articles, reports and relevant updates within their work units.

Presented to you by:

Edited by: Mr. Ahmed Almosabeh - Pharmacy Department

Created & designed by: Ms. Latifa Alawad - Public Relations

QUALITY AFFAIRS

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Ms. Mehroze Khan, Dr. Nahla Shehabelden, Ms. Samaher Alshaibi**

SCIENTIFIC RESEARCH

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HUMAN RESOURCES

Ms. Lujain Altheeb

MACHS LIBRARY

Mr. Shoaib Quraishi

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