11TH INTERNATIONAL ACHARAKA CONGRESS ON MEDICINE, NURSING, MIDWIFERY, AND HEALTH SCIENCES PROCEEDINGS BOOK VOLUME - 1

JUNE 15-17, 2025
BAKU, AZERBAIJAN

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JUNE 15-17, 2025

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All Submissions Have Passed a Double-Blind Referee Evaluation Process

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15-17 HAZİRAN 2025

YÜZ YÜZE & ÇEVRİMİÇİ

AZERBAYCAN TIP ÜNİVERSİTESİ

BAKÜ, AZERBAYCAN

15-17 Haziran 2025 tarihlerinde ZOOM üzerinden çevrimiçi ve Azerbaycan'ın Bakü kentinde Azerbaycan Tıp Üniversitesi'nde yüz yüze olarak gerçekleştirilen 11. Uluslararası Acharaka Tıp, Hemşirelik, Ebelik ve Sağlık Bilimleri Kongresi **YÖK ÜAK kuralları ve üniversiteniz yönetmeliğiniz gereği akademik teşvik kriterlerini sağlamaktadır.** Toplam 446 adet bildirinin yer aldığı kongre üç gün boyunca çevrimiçi ve yüz yüze olarak gerçekleştirilmiştir.

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JUNE 16, 2025

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PASSWORD: 734745

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ZOOM (ONLINE)

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15-17 JUNE

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DAY 2 – JUNE 16, 2025 | ZOOM (ONLINE)
DAY 3 – JUNE 17, 2025 | ZOOM (ONLINE)

CONGRESS PROGRAM

DAY 1 (GÜN 1)
MEETING ID: 880 4121 1736
PASSWORD: 734745

DAY 2 (GÜN 2)
MEETING ID: 886 8971 5723
PASSWORD: 241990

DAY 3 (GÜN 3)
MEETING ID: 862 6753 0433
PASSWORD: 611695

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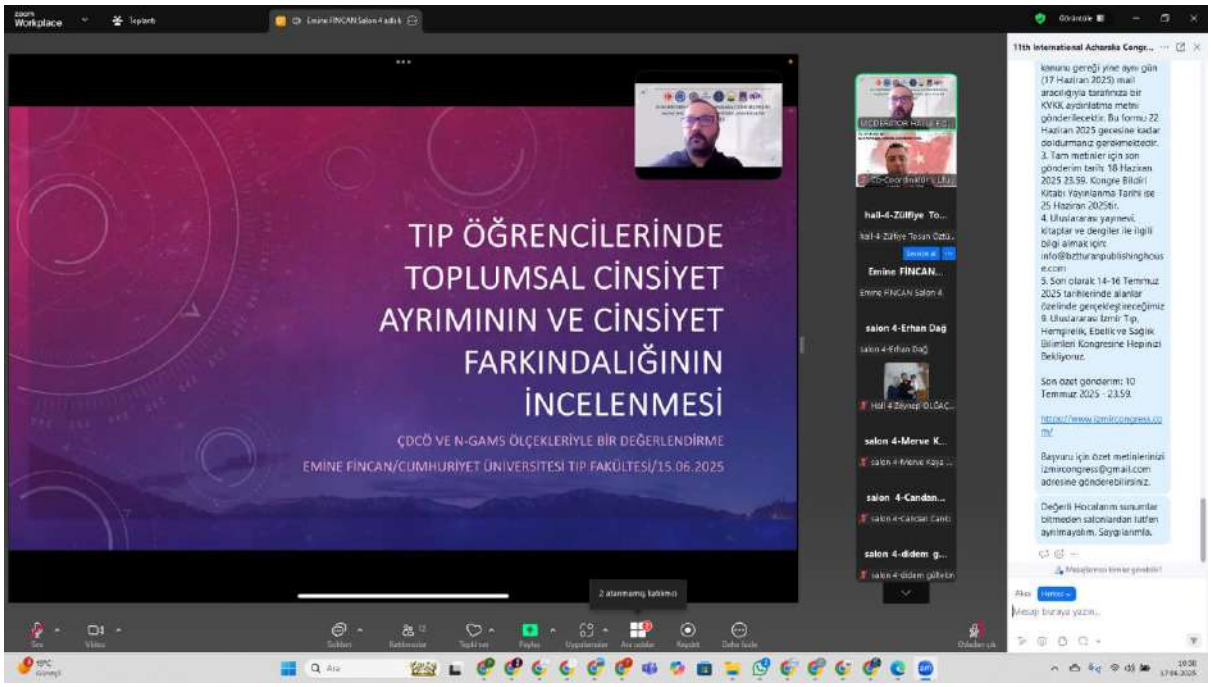
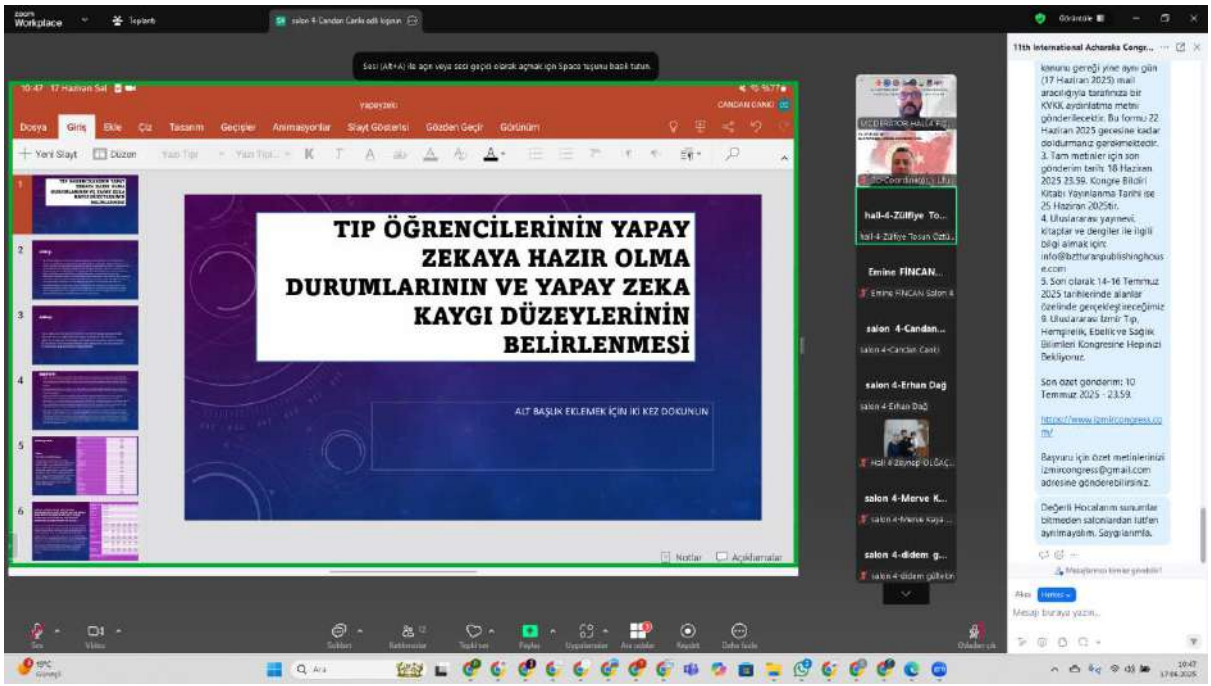
SESSION (1) - DAY (3) - HALL (4) | OTURUM (1) – GÜN (3) – SALON (4)

MEETING ID: 862 6753 0433
PASSWORD: 611695

	17.06.2025	Time: 10^{00}-12^{00} (Turkey Local time GMT+3) Time: 11^{00}-13^{00} (Azerbaijan Local time GMT+5)	MODERATOR(S) / SESSION CHAIR: *Ferhat Onur AĞAOĞLU* COORDINATOR: *Ufuk EZGİN*
	Authors	**Affiliation**	**Topic title**
10^{00}-10^{15}	Ferhat Onur AĞAOĞLU	*Erzincan Binali Yildirim University, Türkiye*	ETHICAL EXAM FOR HEALTHCARE MANAGEMENT CANDIDATES; RELATIONSHIP BETWEEN PREJUDICE AND XENOPHOBIA TOWARDS REFUGEES
10^{15}-10^{30}	Veli DURMUŞ Erhan DAĞ	*Kütahya Health Sciences University, Türkiye*	RELATIONSHIP BETWEEN DEPRESSIVE DISORDERS AND ALZHEIMER'S DISEASE: A LONGITUDINAL STUDY IN TÜRKİYE
10^{30}-10^{45}	Erhan DAĞ Veli DURMUŞ	*Kütahya Health Sciences University, Türkiye*	TWO LEADING PLAYERS IN GLOBAL HEALTH TOURISM: A COMPARISON OF TÜRKİYE AND INDIA
10^{45}-11^{00}	Zülfiye TOSUN ÖZTÜRKCİ	*Istanbul Health Sciences University, Türkiye*	QUIET QUITTING AND CALIBRATED CONTRIBUTING IN THE HEALTHCARE SECTOR: EMPLOYEES' EMOTIONAL AND RATIONAL WITHDRAWAL BEHAVIORS
11^{00}-11^{15}	İrem AKOVA Emine FİNCAN Candan CANKI	*Sivas Cumhuriyet University, Türkiye*	EXAMINING AMBIVALENT SEXISM AND GENDER AWARENESS AMONG MEDICAL STUDENTS
11^{15}-11^{30}	İrem AKOVA Emine FİNCAN Candan CANKI	*Sivas Cumhuriyet University, Türkiye*	DETERMINING MEDICAL STUDENTS' ARTIFICIAL INTELLIGENCE READINESS AND ARTIFICIAL INTELLIGENCE ANXIETY LEVELS
11^{30}-11^{45}	Zeynep OLĞAÇ TAY Ahmet BÜTÜN	*Mardin Artuklu University, Türkiye*	THE EFFECT OF SMARTPHONE APPLICATIONS ON CHILDREN'S HEALTH
11^{45}-12^{00}	Gönül GÜMÜŞ Nigar ÜNLÜSOY DİNÇER	*Kırıkkale University, Türkiye*	THE SILENT LANGUAGE OF COMPASSION: THE INVISIBLE POWER OF NONVERBAL BEHAVIORS IN CARE
12^{00}-12^{15}	Şerife HURMA	*Istanbul Yeni Yüzyıl University, Türkiye*	WORK VALUES AND JOB SATISFACTION ACCORDING TO GENERATIONAL DIFFERENCES OF THE NURSING WORKFORCE IN A FOUNDATION UNIVERSITY HOSPITAL: A DESCRIPTIVE AND COMPARATIVE STUDY
12^{15}-12^{30}	Didem GÜLTEKİN Hilal ÖZTÜRK	*Nişantaşı University, Türkiye*	THE EFFECT OF NURSES' ORGANIZATIONAL TRUST ON THEIR WORK PERFORMANCE
12^{30}-12^{45}	Fatoş TAŞTAN	*Sivas Cumhuriyet University, Türkiye*	EVALUATION OF HEALTH PERCEPTION AT LOCAL LEVEL: SIVAS EXAMPLE
12^{45}-13^{00}	Merve KAYA ÇELİK Sinem UTANIR ALTAY	*Ege University, Türkiye*	EVALUATION OF COMMUNICATION PROBLEMS IN THE PRE-HOSPITAL EMERGENCY HEALTH SERVICES SYSTEM

CONGRESS PHOTOS || 11TH INTERNATIONAL ACHARAKA CONGRESS ON MEDICINE, NURSING, MIDWIFERY, AND HEALTH SCIENCES





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DETERMINING MEDICAL STUDENTS' ARTIFICIAL INTELLIGENCE READINESS AND ARTIFICIAL INTELLIGENCE ANXIETY LEVELS

İrem AKOVA[1*], Emine FİNCAN[2] , Candan Cankı[3]

[1*]Sivas Cumhuriyet University, Faculty of Medicine, Department of Public Health, Sivas, Türkiye. [2,3]Sivas Cumhuriyet University, Faculty of Medicine, Sivas, Türkiye.

ABSTRACT

Aim: Determining the perspective of medical students as future physicians on artificial intelligence (AI), which has gained and is gaining an important place in the field of medicine and health, and their concerns about it will be important in terms of directing medical education and future technologies. The aim of this research was to determine medical students' readiness for AI and their anxiety levels about AI.

Method: This cross-sectional study was conducted between May 15, 2025, and June 5, 2025, with 1st, 2nd, 3rd, and 4th year students of Sivas Cumhuriyet University Faculty of Medicine. The study was completed with a total of 361 students. The survey forms were delivered to the students via online media (WhatsApp, Facebook, X, and Google Forms). The sociodemographic data form, Medical Artificial Intelligence Readiness Scale (MAIRS-MS), and Artificial Intelligence Anxiety Scale (AIAS) were used to obtain the research data.

Findings: Of the students, 59.0% were female, and the average age was 21.9±1.2. The majority were Term 3 students (47.9%), those from the Central Anatolia region (51.2%), those with higher family income than expenses (50.1%), smokers (50.7%), non-alcoholics (65.9%), those with 2-3 academic successes (64.3%), those living in dormitories (42.1%), and those with a mother's (44.6%) and father's (58.7%) education level at university and/or above. The students' mean scores were 52.5 ± 18.3 for MAIRS-MS, 17.3 ± 7.2 for cognition, 19.9 ± 7.3 for ability, 7.0 ± 2.5 for vision, 8.2 ± 2.9 for ethics, 72.6 ± 27.6 for all YZKÖ, 19.4 ± 10.2 for learning, 18.7 ± 7.0 for job switching, 19.7 ± 6.9 for sociotechnical blindness, and 14.8 ± 5.4 for artificial intelligence configuration. There was a positive correlation between each of the MAIRS-MS and AIAS subscales ($p < 0.001$ for each). Males, those with income equal to/lower than expenses, those with an academic success value of 2-3, and those living in student houses had higher mean MAIRS-MS ($p=0.004$, $p<0.001$, $p=0.003$, and $p=0.001$, respectively), cognition ($p=0.001$, $p<0.001$, $p=0.005$, and $p=0.001$, respectively), ability ($p=0.015$, $p=0.001$, $p=0.007$, and $p=0.003$, respectively), and vision ($p=0.033$, $p<0.001$, $p=0.006$, and $p=0.001$, respectively) scores. In addition, those who did not consume alcohol had higher mean vision scores

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(p=0.014). The average ethical scores of those whose income is equal to or lower than their expenses, those who do not smoke, those whose academic success is 2-3, those who live in student houses, and those whose parents have secondary education or lower ($p<0.001$, $p<0.001$, $p=0.006$, $p=0.004$, $p=0.005$, and $p=0.014$, respectively) were higher. The average AIAS and subscale scores of those whose income is equal to or lower than their expenses, those who do not smoke, those who do not drink alcohol, those whose academic success is 2-3, and those whose mothers have high school education (compared to those who have university education or higher) were higher ($p>0.05$). In addition, the average AIAS scores of those living in student houses ($p=0.038$) and the learning scores of women ($p=0.030$) and those living in student houses ($p=0.019$) were higher.

Conclusion: It was observed that students' medical AI readiness levels were relatively low and AI anxiety levels were high. It was determined that AI anxiety levels increased as medical AI readiness levels increased. Medical AI readiness levels were generally higher in males, those whose income was equal to or lower than expenses, those whose academic success was medium, and those living in student houses. AI anxiety levels were generally higher in those whose income was equal to or lower than expenses, those who did not smoke or drink alcohol, those whose academic success was medium, and those whose mothers had high school education. As we found in our study, AI readiness and AI anxiety are related to each other. Medical students, who are the physicians of the future, need to be ready for medical AI in this rapidly developing age to reduce their AI anxiety levels. Therefore, it is recommended to increase their AI knowledge levels.

Keywords: Artificial Intelligence, Anxiety, Medical students.