

REPORT

CENTER AND MASTER OF HEALTH ECONOMICS

College of Medicine
Alfaisal University

2024-2025

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INTRODUCTION TO MASTER OF HEALTH ECONOMICS

The Master of Science in Health Economics (MHE) equips students with in-demand expertise in health technology assessments, evidence-based commissioning, health management and finance, and pharmaceutical economics, preparing them to support Saudi Arabia's rapidly evolving healthcare sector. Aligned with Vision 2030, the program responds to national investments in healthcare policy, innovation, and local capacity-building by training professionals who can evaluate health policy, apply economic modeling, plan health systems, and bridge clinical needs with financial sustainability through real-world case studies in pharmaceuticals, diagnostics, and medical devices.

Delivered through an internationally relevant curriculum tailored to Saudi healthcare policy, and supported by expert faculty and collaborative research, the program is strengthened by the Health Economics Center at Alfaisal University -one of the leading centers in the field- dedicated to advancing efficiency, quality, and evidence-based decision-making in healthcare systems.



HRH Prince Khalid Al Faisal Bin AbdulAziz Al-Saud, Board of Trustees Chairman, Professor Michael E. Porter, Harvard Business School Professor and Founder of the Value-Based Health Care Model, 2011.

HEALTH ECONOMICS: A KEY PILLAR IN ALFAISAL UNIVERSITY'S ACHIEVEMENTS

In 2025, the Center achieved notable milestones, including the training of healthcare professionals and the delivery of specialized programs and courses. It was also awarded the "Health Workforce Development Excellence" Award by the Minister of Health, reflecting its strong commitment to improving the quality of healthcare services in the Kingdom.

Furthermore, the Center provides specialized consultancy services that support health policy development and evidence-based decision-making. Through these achievements, the Health Economics Center demonstrates its vital role in realizing the objectives of Saudi Vision 2030 and promoting public health.

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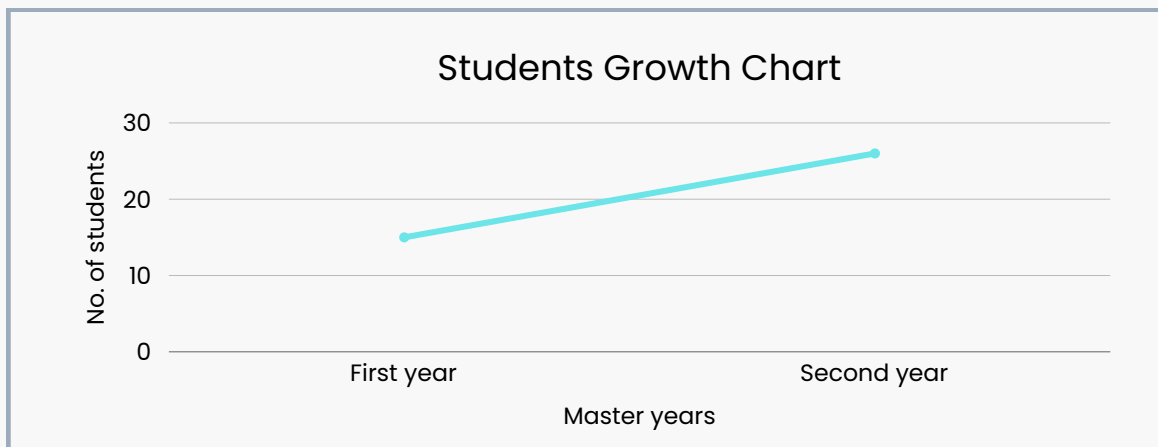
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AGENCY

Presentation of the Health Workforce Development Excellence Award (2025)

H.E. Fahad Abdulrahman Al-Jalajel, Minister of Health, presenting the award to H.E. Dr. Mohammed bin Ali Al-Hayaza, President of Alfaisal University, in the presence of Prof. Khaled AlKattan, Dean of the College of Medicine, and Dr. Naif Al-Otaibi, Director of the Center of Health Economics.

STUDENT GROWTH AND ACADEMIC EXCELLENCE

In line with the University’s mission that places students and academic excellence at the core of its priorities, the efforts of the Health Economics Center and the Master of Health Economics (MHE) program have resulted in promising student achievements. In its first year, the program enrolled 15 students from diverse professional backgrounds, including physicians, pharmacists, healthcare practitioners, professionals working in regulatory and legislative health authorities in the Kingdom (SFDA, NUPCO, MoH, Hevolution Foundation, and Military Hospitals) as well as members of the private sector. With the beginning of the second academic year, student enrollment increased to 25, reflecting the growing interest and demand for the program.



A DISTINGUISHED STUDENT ACHIEVEMENT

Among the most notable achievements, student **Afaf AlShehri** won the “Expenditure Efficiency and Government Projects Authority” Award for her project entitled “Innovative Applications to Enhance Efficiency and Sustainability”, which she presented during her first academic year in the program.

This achievement exemplifies the students’ commitment to excellence and innovation and reflects the high quality of education and training they receive. Benefiting from the guidance and diverse expertise of faculty members, students in the program seek to enhance their competencies and contribute meaningfully to the healthcare sector in the Kingdom, positioning themselves as distinguished professionals capable of shaping health policies and advancing sustainable development goals.



PARTENERSHIPS

Ministry of Interior (Medical Services)

Alfaisal University, represented by the Health Economics Center, entered into a training and consultancy program with a vital healthcare sector serving a large segment of the Medical Services of the Ministry of Interior. This initiative comes at a critical time as the healthcare sector moves toward adopting the Value for Health approach within these services.

The program aims to build professional capacity, support evidence-based decision-making, and enhance the efficiency and quality of healthcare delivery, in line with national transformation efforts and the objectives of Saudi Vision 2030.



Alfaisal University and the Ministry Of Interior signed a Memorandum of Understanding to strengthen collaboration in academic, healthcare, training, and research fields, 2025.

PARTENERSHIPS

Council of Health Insurance

The Council of Cooperative Health Insurance (CCHI) and Alfaisal University signed a Memorandum of Understanding (MoU) to enhance collaboration, and knowledge exchange in support of the Value-Based Healthcare (VBHC) initiative focused on efficiency and quality of care.

The MoU was signed by Dr. Shabab Al-Ghamdi, Secretary General of the Council of Cooperative Health Insurance, and Prof. Khaled Al-Kattan, Vice President for Financial and Administrative Affairs and Dean of the College of Medicine at Alfaisal University. The agreement aims to integrate efforts through collaboration in research, consultancy, training, and participation in local and international conferences related to VBHC.



Alfaisal University partners with the Saudi Health Council and the Council of Cooperative Health Insurance to advance healthcare initiatives, 2024.

PARTENERSHIPS

value in health  الصحة الحكيمة

Value in Health Center

Strategic partnerships have played a key role in enhancing educational quality by strengthening teaching, engaging in joint research, and opening broader employment opportunities. Through its partnership with the Value in Health Center, two faculty members joined the program, bringing extensive expertise in transforming healthcare systems toward the application of Value in Health approaches, which focus on improving healthcare quality while optimizing expenditure efficiency.



The poster features the AstraZeneca logo and the text 'Journal Club PATIENT-CENTERED HEALTH CARE: VBHC'. It lists the date '10 November, 2025', time '6:00-7:00 Pm', and location 'BG.68, Alfaisal University'. The speakers are Dr. Sera Almunif (Director for Value Measurement, Center for Value in Health), Dr. Yara ALHaid (MSc Candidate, Manager, Haseelatin Foundation), and Shahamah Alali (Pharmacist, Dr. Sultan Alhabib Medical Group). The target audience includes Healthcare Professionals, Insurance & Payer Representatives, Hospital Administrators & Managers, and Health Economists & Policy Makers. The footer contains the motto 'Faith | Knowledge | Performance' and the website 'www.alfaisal.edu'.

PARTNERSHIPS

Health Intelligence Company for Consulting and Healthcare Solutions (HICT)

Alfaisal University **HICT** **كلية الطب**
College of Medicine
Center of Health Economics
MSc. Health Economics

A HEALTHCARE SYSTEMS APPROACH TO HEALTH ECONOMICS

GUEST SPEAKERS

Jan Demey
 CEO & Founder of Hict

Amber Werbrouk
 Senior Consultant at Hict (Belgium)

ORGANIZERS

Nail Alotaibi
 Professor, Director, Center & MSc. Health Economics

Nour AbuOmar
 Analyst at Hict (Middle East)

CONTENTS

- An overview of the Healthcare Systems Approach to Health Economics (comparing Saudi Arabia and Europe)
- Introduction to Building Cost-Effectiveness Models—focusing on key concepts and examples for critique.

Date: Mon 27th Oct 2025
Time: 6 PM - 8 PM
Location: B1.35, Alfaisal University

Faith | Knowledge | Performance www.alfaisal.edu

In addition, experts from HICT (Health Intelligence Company for Consulting and Healthcare Solutions) delivered a training course for master’s students and interested participants, addressing best economic models in healthcare and their outcomes.

These activities have contributed significantly to building healthcare competencies and raising knowledge levels in the sector, thereby positively impacting the quality of healthcare services provided to the community.

PARTNERSHIPS

Sanofi Pharmaceutical and Healthcare Company

The private sector and the pharmaceutical industry have also participated in the Center's training programs. In the fourth quarter of 2025, the Center organized a specialized training course for consultants from Saudi Arabia and the Gulf region on the optimal healthcare management of chronic respiratory infections, sponsored by Sanofi Pharmaceutical and Healthcare Company, contributing to the exchange of expertise and the enhancement of clinical and professional practices.



Alfaisal University and Sanofi collaborate in advancing education and research, including hosting the 2025 Type 2 Inflammation Preceptorship for clinicians

PARTNERSHIPS

ASTRAZENECA

Alfaisal University, through the Health Economics Center, partnered with AstraZeneca as a Silver Sponsor of the Saudi Health Economics Interest Group: Journal Club (Spring 2025–2026). The collaboration supports expert-led sessions focused on health economics, economic evaluation, market access, rare diseases policy, value-based healthcare, and sustainable health systems.

The program brings together policymakers, academics, clinicians, and industry professionals to strengthen local capacity, promote evidence-based decision-making, and support the objectives of Saudi Vision 2030.

Journal Club
PATIENT-CENTERED HEALTH CARE: VBHC

10 November, 2025 | 8:00-7:00 PM | BG.68, Alfaisal University

Speaker: Dr. Sara Almurad, Professor of Public Health Economics, Center for Value in Health

Presenter: Dr. Yara AlFaisal, MBA Candidate, Manager, Pharmaceutical Procurement

Moderator: Shahmaha Adel, PhD Candidate, Pharmacist, 3rd Subspecialty of Saudi Medical Service

Target Audience: Healthcare Professionals, Insurance & Payers Representatives, Hospital Administrators & Managers, Health Economists & Policy Makers

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Journal Club
VALUE-BASED HEALTH CARE UPDATES

9 DEC 2025 | 7:00 PM - 8:30 PM | Male Theatre, Alfaisal University

Dr. Nawaf Albali
Health Policy & Economics Executive

- Innovation in Value Based Contracting
- Developing PROMs Tools in Arabic Language

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Journal Club
ECONOMIC BURDEN OF ORTHOPEDIC TRAUMA SURGERY IN SAUDI ARABIA

18 December, 2025 | 6:00 to 7:00 PM | BG.68, Alfaisal University

SPEAKER: Dr. Mohammad Aljuhaidan, Director of Health Economics, Saudi Health Doomsday

PRESENTER: Dr. Khaled Alhagan, MSc Candidate, Research Physician, King Abdulaziz International Medical Research Center

Target Audience: Healthcare Professionals, Health Economists and Policy Makers, Hospital Administrators and Managers, Emergency and Trauma Teams

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RESERACH

The Center's affiliates and collaborating faculty members have enriched the scientific landscape in Health Economics through the publication of high-impact studies addressing pressing healthcare issues. Faculty members, led by Professor **Dr. Ahmed Aljedai**, published a comprehensive study on the overall disease burden, with a focus on chronic conditions such as diabetes, renal failure, and cardiovascular diseases.

The significance of this scientific output extends beyond enhancing academic citation metrics; it also supports the formulation of healthcare regulations and policies related to these diseases, the estimation of their economic burden, and the identification of strategies to address associated challenges in the present and future.



RESEARCH

Furthermore, master's students presented their research projects during the Health Economics and Public Health Research Day, where the best papers were recognized with university-sponsored awards, in appreciation of their achievements and to encourage innovation. Most of the research focused on diseases and solutions addressing healthcare challenges in Saudi Arabia, demonstrating students' commitment to contributing to the improvement of the national healthcare system.

Undoubtedly, these efforts have contributed to enhancing healthcare quality and efficiency within their respective institutions, strengthening system performance, and supporting the achievement of sustainable development goals in the Kingdom.



RESEARCH

Scholarly Contributions in Health Economics

1. [Balancing Innovation and Affordability in Relapsing-Remitting Multiple Sclerosis: A Budget Impact Analysis from Saudi Arabia](#) – Examines the economic impact of innovative MS therapies while ensuring affordability for the healthcare system.
2. [Clinical, Humanistic, and Economic Burden of Systemic Lupus Erythematosus in the Kingdom of Saudi Arabia](#) – Provides comprehensive insights into the multi-dimensional burden of SLE on patients and the healthcare system.
3. [Driving the Future of Value-Based Healthcare in the GCC: A Roadmap for Achieving Sustainable Access to Specialty Pharmaceuticals](#) – Offers strategic recommendations to implement value-based healthcare frameworks across the Gulf region.
4. [Pioneering SMA Therapies for All Types: Survival Gains, Cost Dynamics, and Performance-Based Agreements](#) – Analyzes outcomes and cost-effectiveness of spinal muscular atrophy therapies with innovative reimbursement models.
5. [Expert Consensus Recommendations on a Biosimilars Value Framework for GCC Countries](#) – Develops a standardized framework to assess the value and adoption of biosimilars in the GCC.
6. [A Step Toward the Development of the First National Multi-Criteria Decision Analysis Framework to Support Healthcare Decision-Making in Saudi Arabia](#) – Proposes a structured approach for evidence-based healthcare decisions at the national level.
7. [Modeling the Clinical and Economic Burden of Therapeutic Inertia in People with Type 2 Diabetes in Saudi Arabia](#) – Quantifies the cost and clinical impact of delayed treatment intensification in type 2 diabetes.

Scan me!



WORKSHOPS & EDUCATIONAL EVENTS

Beyond traditional lectures and seminars, the master’s program integrates active research, mentoring, and project work, all of which are designed to broaden the dissemination of health economics and VBHC knowledge. Students are paired with faculty mentors for in-depth research projects, fostering collaborations that often lead to conference presentations, scholarly publications, and policy recommendations.

كلية الطب
College of Medicine
Center of Health Economics
MSc. Health Economics

VALUE-BASED HEALTHCARE UPDATES

8 - 9 DEC 2025 5:00 PM - 9:00 PM AlGosaibi Hall, BG.68, Alfaisal University

Target Audience
Healthcare Professionals
Insurance & Payer Representatives
Hospital Administrators & Managers
Health Economists & Policy Makers

Course Highlights

- Value-Based Healthcare (VBHC) and its link to evidence-based medicine
- Comprehensive lectures
- Practical guidance on Diagnosis Related Groups (DRG) implementation
- Development of Patient-Reported Outcome
- Measures (PROMs) with Arabic tools
- Case studies on the experience of VBHC in KSA
- Insights into the Saudi billing system and its role in VBHC transformation

Registration

7 CME HOURS
ACCREDITED BY SCFHS

كلية الطب
College of Medicine
Center of Health Economics
MSc. Health Economics

VALUE-BASED HEALTHCARE UPDATES

8 - 9 DEC 2025 5:00 PM - 9:00 PM AlGosaibi Hall, BG.68, Alfaisal University

Guest Speakers

Dr. Ahmed h. Aljedai
Founding President of Saudi Society of Hospital Administrators, VSA, and Managing Director of HPMCO

Dr. Matthew Stewart
Associate CMO of Hana Hospital

Dr. Soleiman Al Towyan
CFO Moona Health

Dr. Sara Almuniif
Director for Value Measurement, Center for Value in Health

Dr. Nawaf Albali
Health Policy & Economics Executive

Organizing Committee

Dr. Naif Alotaibi
Director, Center & MSc Health Economics, Associate Professor

Dr. Noora Alhusseini
Director, MFM, Associate Professor

Dr. Raghad Almedy
Teaching Assistant at Umm Al-Qura University

Dr. Maryam Alameddi
Teaching Assistant at Umm Al-Qura University

WORKSHOPS & EDUCATIONAL EVENTS

This mentorship model ensures that theoretical learning is consistently tested against real-world scenarios, further solidifying our institution's mission to shape highly competent graduates. Through these concerted efforts, we aspire not only to shape healthcare professionals of today, but to continually drive improvements in patient outcomes, cost-effectiveness, and quality of care for the future.

Journal Club
VALUE-BASED HEALTH CARE UPDATES

9 DEC 2025 7:00 PM - 8:30 PM Male Theatre, Alfaisal University

Dr. Nawaf Albali
Health Policy & Economics Executive

- Innovation in Value Based Contracting
- Developing PROMs Tools in Arabic Language

AstraZeneca logo and College of Medicine logos are present at the top.

Journal Club
ECONOMIC BURDEN OF ORTHOPEDIC TRAUMA SURGERY IN SAUDI ARABIA

18 Decembe, 2025 6:00 to 7:00 PM BG.68, Alfaisal University

Dr. Mohammad Alluhidan
Director of Health Economics, Saudi Health Council

Dr. Khaled Alhagan
MSc Candidate, Research Physician, King Abdullah International Medical Research Center

Target Audience
Healthcare Professionals
Health Economists and Policy Makers
Hospital Administrators and Managers
Emergency and Trauma Teams

AstraZeneca logo and College of Medicine logos are present at the top.

WORKSHOPS & EDUCATIONAL EVENTS



HEALTHCARE ECONOMICS IN SAUDI ARABIA

Sunday, October 6th, 2024
17:00
Alfaisal University, B3.59



Moderator

Dr. Naif H. AlOtaibi
Professor & Consultant, ORL-HTN
Director, Clinical Affairs,
Director, Masters of Healthcare Economics,
College of Medicine,
Alfaisal University,

Target Audience:
Healthcare practitioners
Economists
Healthcare economics students
MBA, MPH students
Business & economics students



Speaker

Dr. Ahmed H. Aljedai
Pharm.D., MBA, BCPS, FCCP, FAS1, FCCP, FASHP, BCTxP
Assistant Deputy Minister for Therapeutic
Affairs, Ministry of Health, Saudi Arabia
Professor, Alfaisal University, Colleges of
Medicine and Pharmacy
Consultant clinical pharmacist with solid
organ transplant

Masters of Healthcare Economics Lectures series



ADVANCING HEALTH POLICIES AND HEALTH ECONOMICS IN SAUDI ARABIA, A RESEARCH SYMPOSIUM

Addressing Key Challenges of health economics

Research Presentations

Exploring Health Policy Innovations

Health Economics in Focus

February, 15th, 2025
00:00 - 16:00
ALFIASAL UNIVERSITY

Target Audience:
Policymakers and Government Officials
Healthcare Professionals and Administrators
Researchers and Academics in Health Economics and Policy
Economists and Analysts
Students in Public Health, Economics, and Health Policy

Organizing Committee:
Dr. Naif H. AlOtaibi
Dr. Ahmed Aljedai
Dr. Noora Alhussaini
Dr. Nara Alhomidan
Dr. Abdullah Zahlan

Organized by the faculty & students of the Masters of health Economics (MHE)

WORKSHOPS & EDUCATIONAL EVENTS



IMPROVING EFFICIENCY IN THE OPERATING ROOM

Monday, September 16th 2024
12:00-13:00
Alfaisal University, M1.015



About Our Guest Speaker

Dr. David R Schramm, MD SM FRCS C FACS,
Chair of the Department of Otolaryngology - Head and Neck Surgery at the University of Ottawa and Ottawa Hospital.

- Surgical Director of the University of Ottawa Auditory Implant Program.
- Associate Scientist in the Ottawa Hospital Research Institute Clinical Epidemiology Program.
- American College of Surgeons National Surgical Quality Improvement Program (NSQIP) Surgeon Champion for The Ottawa Hospital.

Dr. David R Schramm,
MD, SM, FRCS C, FACS
Chair and Professor, Department of otolaryngology - Head & Neck Surgery
University of Ottawa

Target Audience:
Surgery Consultants & Residents
Anesthesia consultants & Residents
Quality Improvement & Control Specialists
Medical Interns & Students



ASSET PERFORMANCE MEASUREMENT AND MANAGEMENT IN HEALTHCARE

LECTURE POINTS:

- Maximize Resource Utilization
- Enhance Patient Safety
- Drive Cost Savings
- Embrace Technology Solutions
- Improve compliance & Accreditation

Our Speakers:



Mr. Feras Alhumaid
CEO of FLOW medical Solutions



Dr. Rami Bustami
Assistant Professor of Healthcare Management, College of Business, Alfaisal University



Dr. Noora AlHusseini
Director/Chair of Public Health Program, Assistant Professor, College of Medicine, Alfaisal University



Dr. Naif H. Alotabi
Developer of Clinical Affairs, College of Medicine, Alfaisal University

TARGETED AUDIENCE:

- HEALTHCARE PROFESSIONALS
- BUSINESS MAJORS
- MBA, MBH STUDENTS
- MEDICAL & BUSINESS STUDENTS

27 May, 2024
12:00- 1:00PM
Female Theater,
Alfaisal University

THE CENTER'S AMBITIOUS PROJECTS

The leadership of the Health Economics Center firmly believes in the necessity of continuous development and innovation, benefiting from past experience and feedback from medical entities, faculty members, and stakeholders. The following outlines the key growth axes the Center seeks to achieve:

Expansion in the “Value for Health” Axis

This includes training, research, and consultancy services. Based on the Center’s activities and the Master’s program, there has been a clear and growing demand among healthcare providers in the Kingdom to implement the Value for Health targets set by the Ministry of Health.

This was evident through collaboration with the Medical Services of the Ministry of Interior, where two workshops were held, one at the University and another at the Security Forces Hospital in Riyadh under the patronage of the Director General of Medical Services.

Additionally, strong engagement was observed during the Wise Health Conference held in December 2025 at Alfaisal University, attended by representatives from most healthcare sectors. The feedback was highly encouraging, underscoring the importance of these initiatives in fostering collaboration and innovation within the healthcare sector.

THE CENTER'S AMBITIOUS PROJECTS

Establishing Training and Consultancy Programs in Health Finance, Medical Billing, and Coding

These tools are fundamental components of healthcare transformation in the Kingdom. There remains a significant gap in this area, presenting a major opportunity for the University to serve the community and reinforce its role as a key contributor to improving healthcare quality.

The University currently has several partnership proposals under review and evaluation in this domain. These programs aim to equip healthcare professionals with essential knowledge and skills, thereby improving the effectiveness of the healthcare system and enhancing the quality of services delivered

THE CENTER'S AMBITIOUS PROJECTS

Development of Medical Technology and Data Analytics Axis

The healthcare sector is no longer isolated from technological advancement; rather, it has become essential for implementing all the aforementioned initiatives. These axes require rapid development and greater investment beyond merely using technology, toward creating innovative, technology-driven healthcare solutions.

The Saudi and global markets encompass numerous technology-based healthcare solutions that extend beyond data coding to include advanced data processing and solution development. Establishing genuine, substantive partnerships with specialized firms in this field will undoubtedly enhance the Center's standing and that of its partners, while achieving its academic and service objectives in delivering high-efficiency healthcare.



MEET OUR TEAM



Dr. Naif AlOtaibi
Director, Center & MSc. Health Economics
Associate Professor



Dr. Maryam Alamodi
Teaching Assistant
Alfaisal University



Dr. Raghad Almady
Teaching Assistant
Alfaisal University



**THANK
YOU**