

## C.V.

**PROFESSOR MOHAMMAD ALYAHYA**

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### Personal Information:

- **Nationality** : Jordanian
- **Date of birth** : 1979
- **Place of Birth**: Irbid - Jordan
- **Marital status**: Married

### EDUCATION:

PERIOD	DEGREE OBTAINED	EDUCATIONAL INSTITUTION
Oct. 2007- Oct. 2011	<b>PhD</b> in Health Services Management	The University of York, England / United Kingdom. Thesis title: " <i>Exploring the Organizational Impact of the NHS Quality and Outcomes Framework (QOF) in GP Practices</i> "
Oct. 2003- Jul. 2005	<b>MSc</b> in Health Services Management	Yarmouk University in Accordance with The Royal College of Surgeons, Ireland. Graduation Project: <i>Human Resource Management in Healthcare Settings.</i>
Oct. 1997 – June 2001	<b>BSc</b> in Medical Technology	College of Medical and Health Technology, Baghdad, Iraq

## PROFESSIONAL EXPERIENCES

PERIOD	POSITION	INSTITUTION
July 2022-February 2024	General-Secretary	The Jordanian National Center for Epidemics and Communicable Diseases Control (JCDC)
Feb.2022-Present	Full Professor of Health Systems and Policy	Health Management and Policy, Jordan University of Science & Technology (J.U.S.T)/Jordan
Feb.2017-Feb. 2022	Associate Professor of Health Systems and Policy	Health Management and Policy, Jordan University of Science & Technology (J.U.S.T)/Jordan
March 2012-Feb. 2017	Assistant Professor of Health Systems and Policy	Health Management and Policy, Jordan University of Science & Technology (J.U.S.T)/Jordan
Dec. 2011-March 2012	Full time lecture	Health Services Administration, Jordan University of Science & Technology (J.U.S.T)/Jordan
Oct. 2007-June 2011	Teaching and Research Assistant	The University of York , England, UK
May 2006 – June2007	Supervisor & Lecturer	Health Services Administration & Medical Records Departments Al-Afaq Institute for Medical Training in Saudi Arabia.
2005 - 2006.	Visiting lecturer	Department of Health Services Administration, Jordan University of Science & Technology (J.U.S.T)/Jordan

### SCHOLARSHIPS / AWARDS GIVEN

PERIOD	SCHOLARSHIP/AWARD	EDUCATIONAL INSTITUTION
2013	A journal article summarizes my PhD thesis was distinguished in the top eleven papers in 2013 EDAMBA Thesis Competition	European Doctoral Programmes Association in Management and Business Administration (EDAMBA)
Oct. 2007- May 2010	Teaching Scholarship for PhD degree	Health Services Management, The University of York, England/ United Kingdom
June 2008- June 2011	Graduate Scholarship	Jordan University of Science and Technology
1997 to 2001	Scholarship to pursue BSc in Medical Technology.	Jordanian Ministry of Education

### RESEARCH GRANTS:

Project title	Funding agency	Year	Responsibility
Support the Ministry of Health to establish the Monitoring and Evaluation approach for psychosocial support for school children.	GIZ	2024-2025	National Consultant
Develop Health Promoting Schools Strategy	WHO	2024	National Consultant
Undertake a national situation analysis of Health Promoting Schools initiatives	WHO	2024	PI
The Impact Of Covid-19 Lockdown On Patients With Type 2 Diabetes In Northern Jordan	JUST	2021-2022	PI
Workplace Policies and its Impact on Quality of Working Life (QoWL) During Coronavirus Pandemic (Covid-19) In Jordanian Hospitals	JUST	2021-2022	PI
Measuring patient safety in Southern Jordanian hospitals during the covid-19 pandemic	JUST	2020-2022	PI

Using Mobile Technology and Enhanced Counselling to Improve Family Planning Among Syrian Refugees and Host Communities in Lebanon and Jordan	The International Development Research Centre (IDRC)	2019-2022	Co-PI
Governing Digital Personal Data to Strengthen Reproductive, Maternal, Newborn and Child Health (RMNCH) Services Delivery in Fragile Settings in Palestine and Jordan	The International Development Research Centre (IDRC)	2020-2022	Co-PI and Project manager
The Integration of Psychosocial Support Services for School Children in Mafrqa, Sahab and Zarqa	The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)	2020-2021	Co-PI
Implementing a Perinatal and Neonatal Mortality Surveillance and Auditing System in Jordan / Jordan Stillbirths & Neonatal Deaths Surveillance System JSANDS	UNICEF and The International Development Research Centre (IDRC)	2018-2021	Co-PI
Assessment of Water, Sanitation, and Hygiene (WASH) and Infection Prevention and Control (IPC) practices, activities, and resources in primary health care facilities and hospitals in Jordan in the context of COVID-19	UNICEF	2019-2020	Co-PI and Project Manager
Effect of Health Promotion through Short Message Service on Physical Activity of Diabetic Patients type 2 in Jordan	JUST	2020-2021	PI
Cognitive Medical Errors and Their Contributing Factors in Jordanian Hospitals	JUST	2020-2021	PI
Evaluating The Impact of Jordan's Healthcare Accreditation Program	JUST	2014-2017	PI
An Analytical Study of Potentially Avoidable Hospital Readmissions	JUST	2014-2017	PI
Evaluation of maternal and newborn services in Jordan	Koninklijk Instituut voor de Tropen (Share-	2017-2018	Co-PI

	Net International)		
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## **MEMBERSHIPS:**

A member of the IRB committee at Jordan University of Science and Technology and King Abdullah University Hospital (October 2020-Sept. 2022 ).

A member of COVID-19 Committee, National Policies Council- Jordan (2021-2022).

## **TRAINING ACTIVITIES: Dr. Alyahya participated in designing and delivering the followings training courses**

- Facilitator of Leadership and Management program for Community Medicine and Public Health Physicians / Ministry of Health-Jordan (2017-present).
- Supervising and managing the practical diploma program “ Hospital Administration and Medical Records” Held by the Consultative Center for Science and Technology at Jordan University of Science and Technology.
- Prevention, Control, and Surveillance of Non-Communicable Diseases. This training session was delivered to the Ministry of Health clinical staff and in accordance with the World Bank (1/31/2021 to 2/8/2021).
- Scientific writing: The steps of a research process. This training session was delivered to the Ministry of Health clinical staff and in accordance with the World Bank (1/21/2021 to 2/7/2021).
- Facilitator of Health Program Planning and Project Management / Ministry of Health-Jordan.
- Project management and leadership for community medicine and public health managers in IRAQ (in accordance with CDC (USA) and the Eastern Mediterranean Public Health Network (EMPHNET). This course was given for senior managers at Iraqi MOH and for General Managers of Public health departments from different Governorates. 17/3/2019 to 21/3 2019 .
- Supervisor and facilitator of Hospital Management Training Program / University of Prince Mugrin/ Kingdom of Saudi Arabia.

## GRADUATE STUDENTS

Academic Supervision and Thesis Committees (Healthcare management & Quality and Public Health Master Students):

### Main and Co Advisor:

- **Graduated:**  
Juman AlQudah (MSc in Public Health), thesis title ***“Effect of Health Promotion through Multi Media Messaging Service (MMS) on Physical Activity of Diabetic Patients type 2 in Jordan”***.
- Esraa Samara (MSc in Healthcare management and Quality), thesis title ***“Neonatal and Stillbirth Rate and Causes in Jordan: A Comparative Study Between 2012 and 2020 Using Birth Weight Group and Age at Deaths for an Intervention and Evaluation System Matrix”***.
- Batool Amro (MSc in Maternal and Child Health Nursing), thesis title ***“ The relationship between parental water pipe and cigarette smoking and the occurrence of childhood cancer”***.
- Dana Alomari (MSc in Healthcare management and Quality), thesis title ***“The Impact of Strategic Human Resources Management practice on Employee Commitment and Human Capital Development in North of Jordan from”***.
- Mohamad Alyousfi (MSc in Public Health), thesis title ***“Prevalence and trend of metabolic syndrome among adults in Jordan”***.
- Farah Ajayneh (MSc in Healthcare management and Quality), thesis title ***“Cognitive Medical Errors and Exploring Factors Contributing to Medical Errors in Jordanian Hospitals”***.
- Sara Assaf (MSc in Healthcare management and Quality), thesis title ***“The Impact of COVID-19 on dental care services and practices in Jordan”***.
- Majid Samawi (MSc in Public Health), thesis title ***“Assessment of water, sanitation, and hygiene and infection prevention and control practices, activities, and resources in primary and comprehensive health centers in Jordan in the context of COVID\_19”***.
- Nadeen Okour ( MSc in Healthcare management and Quality), thesis title ***“The impact of COVID-19 lockdown on patients with type 2 diabetes in northern Jordan”***
- Salam Momani (MSc in Healthcare management and Quality), thesis title ***“Workplace Policies and its Impact on Quality of Working Life (QoWL) During Coronavirus Pandemic (COVID-19) In Jordanian Hospitals: A Cross Sectional Survey”***.

- MSc in Healthcare management and Quality, thesis title ***“The Impact of Preoperative Optimization Program on Postoperative Outcomes Among Oncology Patients Undergoing Elective General Surgery”***.
- MSc in Healthcare management and Quality, thesis title ***“Measuring the quality of healthcare services provided at southern Jordanian hospitals during the covid19 pandemic”***.
- MSc in Nursing, thesis title ***“Adherence of nurses to ethical codes in pediatric oncology wards”***
- MSc in Healthcare management and Quality, thesis title ***“Knowledge Management Practice and Knowledge Oriented Human Resources Practices on Innovation in Hospitals”***.
- MSc in Healthcare management and Quality, thesis title ***“The impact of green supply chain management on pharmaceutical organizations performance and environmental performance”***
- MSc in Healthcare management and Quality, thesis title ***“predicting the intentions to use evidence-based management among healthcare managers in Jordan”***.

### **Committee Member (Internal Examiner)**

Haneen Alfaraj (MSc in Healthcare management and Quality) The Association between Emotions, Physical Environment, COVID-19 Precautionary Procedures, Quality of Services and Patients' Overall Satisfaction in the Jordanian Outpatient Private Clinics

Raneen Atef Jalaileh (MSc in Healthcare management and Quality), thesis title “The Impact of Patient Safety Culture Between Pharmacists, On Patient Satisfaction Through Pharmacist’s Performance In Jordan”.

Bara' Abdallah Al Shurman (MSc Public Health), thesis title “Knowledge, Attitude, and Practice of dentists in offering dental treatment to pregnant women in Jordan”.

Ghadeer Mahmoud Alzoubi (MSc in Public Health), thesis title “Lifestyles of Jordanian patients who survived cancer”.

Rahaf Alshloul (MSc in Nursing), thesis title “The relationship between perceived stress , resilience, coping and quality of life among registered nurses: A Structural Equation Modeling Approach”.

## PUBLICATIONS:

### Conferences:

**Alyahya M.S.**, Khader Y.S, Al-Sheyab N, Shattnawi K & Batieha A. “Critical delays associated with stillbirths and neonatal deaths in Jordan: findings from facility-based stillbirths and neonatal death audits”. 6th Global Symposium on Health Systems Research, (HSR 2020) November 8-12, 2020. UAE (Online)

Khader Y, **Alyahya M. S.**, Batieha A. and Taweel A., "JSANDS: A Stillbirth and Neonatal Deaths Surveillance System". 2019 IEEE/ACS 16th International Conference on Computer Systems and Applications (AICCSA), 2019, pp. 1-5, doi: 10.1109/AICCSA47632.2019.9035335.

Sahay S, Abu-Rmeileh N, Khader Y, Pirlot de Corbion A, **Alyahya M**, Nemer M & Awwad T “Incorporating a human rights perspective into Health Information Systems development in Low and Middle Income Countries”. The Future of Digital Work: The Challenge of Inequality: IFIP Joint Working Conference 10-12. India (Online)

**Alyahya M.**, Performance-Based Payment And Organizational Culture: Perspective Of Primary Healthcare Professionals. 2010, The sixth annual Scottish Doctoral Management Conference.

### Book Chapter

Khader, Y., **Alyahya, M.**, & Saadeh, R. (2022). Water, Sanitation, and Hygiene (WASH) and Infection Prevention and Control (IPC) in Primary Healthcare Facilities in Jordan in the Context of COVID-19. In Primary Health Care. IntechOpen.

Khader Y.S., **Alyahya M.**, Batieha A. (2019) Birth and Neonatal Death Registrations in Jordan. In: Laher I. (eds) Handbook of Healthcare in the Arab World. Springer, Cham.  
[https://doi.org/10.1007/978-3-319-74365-3\\_116-1](https://doi.org/10.1007/978-3-319-74365-3_116-1)

Khader Y.S., **Alyahya M.**, Batieha A. (2019) Perinatal and Neonatal Mortality in Jordan. In: Laher I. (eds) Handbook of Healthcare in the Arab World. Springer, Cham.  
[https://doi.org/10.1007/978-3-319-74365-3\\_161-1](https://doi.org/10.1007/978-3-319-74365-3_161-1)



## Published Journal Articles:

Momani, S., **Alyahya, M.**, Zayed, D., Tarief, A., Nimri, O., Alshaikh, S., ... & Al-Tammemi, A. A. B. (2025). Evaluating Jordan's Antimicrobial Resistance National Action Plan (2018-2022) Implementation: Progress and Recommendations.

Zayed, D. K., et al. (2025). Exploring Policies, Strategies, and Legislations Related to the One Health Approach to Zoonoses, Antimicrobial Stewardship, and Climate Change in Jordan: A Multimethod Study with SWOT Analysis. *International Journal of Environmental Research and Public Health*, 22(5), 749.

Hijazi, H., **Alyahya, M. S.**, Alolayyan, M. N., Ajayneh, F., Al Abdi, R., Hossain, A., ... & Alameddine, M. (2025). Exploring the impact of interaction dynamics and professional capacity and development on cognitive medical errors: a multiple-case study of healthcare professionals in Jordan. *BMC Medical Education*, 25(1), 598.

Alhawatmeh, H., Aljarrah, M., Hweidi, I. M., Al-Nsair, N., **Alyahya, M. S.**, & Abuhammad, S. (2025). Boosting knowledge, attitudes, and practices: An experimental controlled study evaluating the effectiveness of m-health training on antimicrobial resistance for hemodialysis nurses. *SAGE Open Medicine*, 13, 20503121251318153.

Azar, S., Alolayyan, M. N., & **Alyahya, M.** (2024). Exploring the intentions of hospital managers to use evidence-based management in decision-making process. *International Journal of Healthcare Management*, 17(3), 541–548.  
<https://doi.org/10.1080/20479700.2023.2204559>

Al-Sheyab, N. A., Khader, Y., **Alyahya, M. S.**, Sweis, N., & Mirza, M. (2024). Comparative analysis of the impact of cigarette taxation on consumption, revenue and mortality in Jordan. *Eastern Mediterranean Health Journal*, 30(11).

**Alyahya MS**, Assaf SR, Alzoubi M, Al-Sheyab NA, Ashour AF. The Impact of COVID-19 on Dental Care Services and Practices in Jordan. *Journal of Health Management*. 2023;25(4):695-708. doi:10.1177/09720634231215156

Nemer, M., Khader, Y., **Alyahya, M. S.**, Pirlot De Corbion, A., Sahay, S., & Abu-Rmeileh, N. M. (2023) Personal Data Governance and Privacy in Digital Reproductive, Maternal, Newborn, and Child Health Initiatives in Palestine and Jordan: A Mapping Exercise. *Frontiers in Digital Health*, 5, 83.

**Alyahya, M. S.**, Al-Sheyab, N. A., Khader, Y. S., & Alqudah, J. A. (2023). Impact of Multimedia Messaging Service Education and Exercise Social Support on Physical Activity Among Patients With Type 2 Diabetes: Quasi-Experimental Study. *JMIR formative research*, 7, e42590. <https://doi.org/10.2196/4259>

Alolayyan, M. N., & **Alyahya, M. S.** (2023). Operational flexibility impact on hospital performance through the roles of employee engagement and management capability. *BMC Health Services Research*, 23(1), 1-12.

Prince, H., Khader, Y. S., Halasa-Rappel, Y. A., Khudair, S. A., **Alyahya, M.**, Al-Sheyab, N., ... & Ready, K. (2023, May). The Impact of Behavioral Economics-Based Counseling and Mobile Phone Text Educational and Reminder Messages on the Use of Modern Family Planning in Jordan: A Cluster Randomized Controlled Trial. In *Healthcare* (Vol. 11, No. 9, p. 1314). MDPI.

Alolayyan MN, **Alyahya M**, Momani S. The relationship between the perceived risk of infection at the workplace and quality of work life (QoWL): Healthcare workers' perspectives. *Journal of Infection Prevention*. 2023;24(6):237-243.  
doi:10.1177/17571774231207769

Al-Shatanawi TN, Khader Y, Abdel Razeq N, Khader AM, Alfaqih M, Alkouri O and **Alyahya M** (2023) Disparities in Obstetric, Neonatal, and Birth Outcomes Among Syrian Women Refugees and Jordanian Women. *Int J Public Health* 68:1605645. doi: 10.3389/ijph.2023.1605645

Azar, S., Alolayyan, M. N., & **Alyahya, M.** (2023). Exploring the intentions of hospital managers to use evidence-based management in decision-making process. *International Journal of Healthcare Management*, 1-8.

**Alyahya, M. S.**, Momani, S., Alolayyan, M. N., & Khader, Y. S. (2023). Workplace policies and quality of working life (QoWL) during the COVID-19 pandemic in Jordanian hospitals. *International Journal of Risk & Safety in Medicine*, 34(2), 101-119.

Saadeh R, Khader Y, **Alyahya M. S.**, Al-Samawi M, Allouh MZ. (2022) Water, Sanitation, and Hygiene and Infection Prevention and Control in Jordanian Hospitals in the Context of COVID-19: A National Assessment. *Risk Management Healthcare Policy*. 2022;15:571-582  
<https://doi.org/10.2147/RMHP.S358600>

**Alyahya, M. S.**, Okour, N. S., Khader, Y., & Al-sheyab, N. (2022). Retrospective study on the impact of COVID-19 lockdown on patients with type 2 diabetes in Northern Jordan. *BMJ open*, 12(11), e065148.

Khader, Y. S., Bawadi, H., Khasawneh, W., **Alyahya, M. S.**, Shattnawi, K., Al-Sheyab, N. A., ... & Batieha, A. (2022). Sociocultural, political, and health system-related determinants of perinatal deaths in Jordan from the perspectives of health care providers: a qualitative study. *The Journal of Maternal-Fetal & Neonatal Medicine*, 35(14), 2765-2774.

Itani, R., Karout, S., Khojah, H.M.J. *et al.* (2022). Diverging levels of COVID-19 governmental response satisfaction across middle eastern Arab countries: a multinational study. *BMC Public Health*. 22, 893 <https://doi.org/10.1186/s12889-022-13292-9>

Alolayyan, M.N., **Alyahya, M.S.**, Hijazi, H. et al. (2022). The development and validation instrument for the cognitive medical errors: structural equation modeling approach. *Quality and Quantity Journal; Springer* (2022). <https://doi.org/10.1007/s11135-021-01285-6>

Khader, Y., Essaid, A. A., **Alyahya, M. S.**, Al-Maaitah, R., Gharaibeh, M. K., Dababneh, A. B., & AbuAlRub, R. F. (2022). Women's career progression to management positions in Jordan's health sector. *Leadership in Health Services*, 35(4), 576-594.

Al-Sheyab, N. A., **Alyahya, M.S.**, & Alqudah, J. A. (2022). Effectiveness of theory-based Multimedia Messaging Service (MMS) on exercise benefits and barriers among patients with type 2 diabetes. *Health education research*, 36(6), 646–656.  
<https://doi.org/10.1093/her/cyab038>

**Alyahya, M. S.**, Abu-Rmeileh, N. M., Khader, Y. S., Nemer, M., Al-Sheyab, N. A., de Corbion, A. P., ... & Sahay, S. (2022). Maturity Level of Digital Reproductive, Maternal, Newborn, and Child Health Initiatives in Jordan and Palestine. *Methods of Information in Medicine*, 61(05/06), 139-154.

Hijazi, H. H., **Alyahya, M.S.**, Al Abdi, R. M., et al. (2021). The Impact of Perceived Social Support During Pregnancy on Postpartum Infant-Focused Anxieties: A Prospective Cohort Study of Mothers in Northern Jordan. *International journal of women's health*, 13, 973–989.  
<https://doi.org/10.2147/IJWH.S329487>

**Alyahya M.**, Al-Sheyab N., A Alqudah J., Beni Younis O., Khader Y. (2021). Effect of Multimedia Messaging Service on Exercise Self-Efficacy in Diabetic Patients. *American Journal of Health Behavior* 45 (5), 902-915.

Khader Y., **Alyahya M.**, El-Khatib Z, Batieha A, Al-Sheyab N, Shattnawi K (2021). Jordan Stillbirth and Neonatal Mortality Surveillance (JSANDS) system: Evaluation Study. *Journal of Medical Internet Research JMIR*. 23(7):e29143). DOI:10.2196/29143.

Shattnawi, K. K., Khader, Y. S., Al-Sheyab, N., **Alyahya, M. S.**, Ready, K., Halasa-Rappel, Y., & Prince, H. (2021). Perceived Barriers of Using Modern Family Planning Methods among Women in Jordan: A Qualitative Study. *International Journal of Community Based Nursing & Midwifery*. IJCBNM. doi: 10.30476/ijcbnm.2021.88675.1531.

Saadeh, R., Alfaqih, M. A., Al-Shdaifat, **A.**, **Alyahya, M.**, Alrabadi, N., Khader, Y., Beni Yonis, O., & Allouh, M. Z. (2021). Perceptions of primary healthcare physicians in Jordan of their role in the COVID-19 pandemic: A cross-sectional study. *International journal of clinical practice*, 75(11), e14797. <https://doi.org/10.1111/ijcp.14797>

Alolayyan, M. N., **Alyahya, M. S.**, & Omari, D. A. (2021). Strategic Human Resource Management Practices and Human Capital Development: The Role of Employee Commitment. *Problems and Perspectives in Management*, 19(2), 157-169.

**Alyahya, M.S.**, Khader, Y. S., Al-Sheyab, N. A., Shattnawi, K. K., Altal, O. F., & Batieha, A. (2021). Modifiable Factors and Delays Associated with Neonatal Deaths and Stillbirths in Jordan: Findings from Facility-Based Neonatal Death and Stillbirth Audits. *American Journal of Perinatology* (eFirst).

Khader, Y. S., Shattnawi, K. K., Al-Sheyab, N., **Alyahya, M.**, & Batieha, A. (2021). The usability of Jordan stillbirths and neonatal deaths surveillance (JSANDS) system: results of focus group discussions. *Archives of Public Health*, 79(1), 1-10.

Nihaya A. Al-Sheyab, **Mohammad S. Alyahya**, Fida Almomani & Amani M. Tazlat (2021) Risk perception of waterpipe smoking among undergraduate medical and nursing students in Jordan, *Journal of Substance Use*, 26:4, 397-403, DOI: 10.1080/14659891.2020.1841843

Yousef, H., Al-Sheyab, N., Al Nsour, M., Khader, Y., Al Kattan, M., Bardus, M., **Alyahya, M.**, Taha, H., & Amiri, M. (2021). Perceptions Toward the Use of Digital Technology for Enhancing Family Planning Services: Focus Group Discussion With Beneficiaries and Key Informative Interview With Midwives. *Journal of medical Internet research*, 23(7), e25947. <https://doi.org/10.2196/25947>

**Alyahya, M. S.**, Hijazi, H. H., Alolayyan, M. N., Ajayneh, F. J., Khader, Y. S., & Al-Sheyab, N. A. (2021). The Association Between Cognitive Medical Errors and Their Contributing Organizational and Individual Factors. *Risk Management and Healthcare Policy*, 14, 415.

Khader, Y. S., Al-Sheyab, N. A., Shattnawi, K. K., **Alyahya, M. S.**, & Batieha, A. (2021). Walk the Talk: The Transforming Journey of Facility-Based Death Review Committee from Stillbirths to Neonates. *BioMed Research International*, 2021.

Al-Sheyab, N.A., Al Nsour, M., Khader, Y.S., Yousif, H., **Alyahya, M.S.**, Taha, H., Bardus, M., Al Kattan, M., & Amiri, M. (2021). Midwives and women's perspectives on family planning in Jordan: human rights, gender equity, decision-making and power dynamics. *Heliyon*, 7(8), e07810. <https://doi.org/10.1016/j.heliyon.2021.e07810>

**Alyahya, M. S.**, Al-Sheyab, N. A., & Amro, B. (2020). Parental Smoking Behavior and Childhood Cancer: A Case-control Study. *American Journal of Health Behavior*, 44(5), 572-590.

Shattnawi, K. K., Khader, Y. S., **Alyahya, M. S.**, Al-Sheyab, N., & Batieha, A. (2020). Rate, determinants, and causes of stillbirth in Jordan: Findings from the Jordan Stillbirth and Neonatal Deaths Surveillance (JSANDS) system. *BMC Pregnancy and Childbirth*, 20(1), 1-8.

**Alyahya, M. S.**, Hijazi, H. H., Alshraideh, H. A., Al-sheyab, N. A., Alomari, D., Malkawi, S., ... & Khader, Y. S. (2019). Do modern family planning methods impact women's quality of life? Jordanian women's perspective. *Health and Quality of Life Outcomes*, 17(1), 154.

Awad, S., Hatim, R., Khader, Y., **Alyahya, M.**, Harik, N., Rawashdeh, A., ... & Yusef, D. (2020). Bronchiolitis clinical practice guidelines implementation: surveillance study of hospitalized children in Jordan. *Multidisciplinary Respiratory Medicine*, 15(1).

Alolayyan, M. N., **Alyahya, M. S.**, Alalawin, A. H., Shoukat, A., & Nusairat, F. T. (2020). Health information technology and hospital performance the role of health information quality in teaching hospitals. *Heliyon*, 6(10), e05040.

Alolayyan, M. N., Alalawin, A. H., **Alyahya, M. S.**, & Qamar, A. (2020). The impact of knowledge management practice on the hospital performance in Abu Dhabi. *Cogent Business & Management*, 7(1), 1827812.

**Alyahya, MS.**, Khader, Y. S., Batieha, A., & Asad, M. (2019). The quality of maternal-fetal and newborn care services in Jordan: a qualitative focus group study. *BMC Health Services Research*, 19(1), 425.

Khader YS, **Alyahya M**, Batieha A: Perinatal and Neonatal Mortality in Jordan. In: *Handbook of Healthcare in the Arab World*. edn. Edited by Laher I. Cham: Springer International Publishing; 2019: 1-22.

Alabdi, R., Alshraideh, H., Hijazi, H. H., Jarrah, M., & **Alyahya, M. S.** (2019). The use of echocardiographic and clinical data recorded on admission to simplify decision making for elective percutaneous coronary intervention: a prospective cohort study. *BMC medical informatics and decision making*, 19(1), 46.

**Alyahya, M. S.**, & Khader, Y. S. (2019). Health care professionals' knowledge and awareness of the ICD-10 coding system for assigning the cause of perinatal deaths in Jordanian hospitals. *Journal of multidisciplinary healthcare*, 12, 149–157. DOI:10.2147/JMDH.S189461

Khader Y, **Alyahya M**, Batieha A (2019) Barriers to implementation of perinatal death audit in maternity and pediatric hospitals in Jordan. *JMIR Public Health and Surveillance*. (forthcoming/in press). DOI: 10.2196/11653

Khader, Y., Al-sheyab, N., **Alyahya, M.**, & Batieha, A. (2018). Registration, documentation, and auditing of stillbirths and neonatal deaths in Jordan from healthcare professionals' perspectives: reality, challenges and suggestions. *The Journal of Maternal-Fetal & Neonatal Medicine*, 1-11.

Khader, Y. S., **Alyahya, M. S.**, Al-Sheyab, N. A., Shattnawi, K. K., Saqer, H. R., & Batieha, A. (2018). Evaluation of maternal and newborn health services in Jordan. *Journal of multidisciplinary healthcare*, 11, 439

**Alyahya, M. S.,** Hijazi, H. H., Al Qudah, J., AlShyab, S., & AlKhalidi, W. (2018). Evaluation of infection prevention and control policies, procedures, and practices: An ethnographic study. *American Journal of Infection Control*.

Hijazi, H., **Alyahya, M.,** Sindiani, A., (2018) Determinants of Focused Antenatal Care Attendance among Women in Highly Disadvantaged Communities in Northern Jordan (Forthcoming).

Hijazi, H., Harvey, H., **Alyahya, M.,**(2018) "The Impact of Applying Quality Management Practices on Patient Centeredness in Jordanian Public Hospitals: Results of Predictive Modeling" *Inquiry: a journal of medical care organization, provision and financing*. DOI:10.1177/0046958018754739

**Alyahya,M.,** Hijazi, H., Alshraideh,H, et al (2017) " Using decision trees to explore the association between length of stay and potentially avoidable readmissions: A retrospective cohort study" *Informatics for Health and Social Care Journal*. DOI: 10.1080/17538157.2016.1269105

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