# CURRICULUM VITAE OF PROFESSOR SIMA AJAMI
## HEALTH INFORMATION MANAGEMENT & HEALTH INFORMATION TECHNOLOGY

**Version Date: October 30, 2019**

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References Upon Request

**CURRICULUM VITAE**

**SECTION I – PERSONAL INFORMATION**

**1.1** **Name:** Sima Ajami

**1.2** **Majour:** *Health Information Management* / *Health Informatics/& Health Information Technology*

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**1.4** **Expertise**

- Information Technology (RFID, Biosensors, Mobile-Health, Tele-Medicine, Smart dress, smart Bed, etc.) Applied in Healthcare System
- Minimum Data Set for Diseases
- Registry Systems for Diseases
- Workflow improving
- Benchmarking
- Process Management
- Electronic Medical Records
- Policy making in Health Information Management
- Lean Management
- Strategic Management
- Health care Wait Management in Emergency Department
- Process Improvement
- Anger Management
- Time Management
- Analytical Hierarchy Process (AHP) Method Applied
- Simulation and Queuing Applications in Emergency Department
- Information Technology (RFID) in Disasters Management

| Name | Website |
|---|---|
| *Google Scholar* | *https://scholar.google.com/citations?user=xJM2FHkAAAAJ&hl=en* |
| *PubMed* | *https://www.ncbi.nlm.nih.gov/pubmed/?term=Sima%20Ajami* |
| *Scopus* | *https://www.scopus.com/authid/detail.uri?authorId=16744913600* |
| *Research Gate* | *https://www.researchgate.net/profile/Sima_Ajami* |
| *ORCID* | *http://orcid.org/0000-0003-1238-0090* |
| *Linkedin* | *https://www.linkedin.com/in/prof-sima-ajami-1a7410a2/?midToken=AQHGFx2y03Ohug&trk=eml-email_m2m_invite_single_01-header-29-profile&trkEmail=eml-email_m2m_invite_single_01-header-29-profile-null-61hs7j~jrioi4hq~ls-null-neptune/profile~vanity.view* |
| *ISI (Clarivate)* | *http://apps.webofknowledge.com/Search.do?product=WOS&SID=D2wrGBGnjuYwzzc4QwC&search_mode=GeneralSearch&prID=b4ce4b17-da77-4227-ba39-f36975d9f9b0* |
| *International Researchers* | *http://profiles.mui.ac.ir/sima-ajami* |

**1.2        Education**

| Degree | Institution | Department | Thesis Field | Year | Year |
|---|---|---|---|---|---|
| **Post-doctorate** | University of Toronto, Centre for Research in Healthcare Engineering, | Dept. of Mechanical and Industrial Engineering | Healthcare Support through Information Technology Enhancements (h.SITE) approach in the Emergency Room and Homecare, evaluation post-implementation Electronic Medical Records In Toronto | **April   2010** | **April 2011** |
| **Ph.D.** | University of Iran Medical Sciences/ Faculty of Management & Medical Informatics | Health Information Management | Mortality Information Management System (MIMS) in, United States of America, England, New Zealand,& Iran; proposing a Suitable MIMS Model for Iran | **February 1999** | **October 2003** |
| **M.Sc** | University of Iran Medical Sciences/ Faculty of Management & Medical Informatics | Medical Records Education | Managers and Administrators Attitude about Utilization of Medical Records to Evaluate Physicians' Performance | **February 1995** | **October 1997** |
| **B. Sc** | Shiraz University of  Medical Sciences/Faculty of Administration in Health | Medical Records Management | Morphology Causes of  Neoplasm in Shiraz Hospitals | **February 1989** | **February 1992** |
| **Associate** | Faculty of Administration in Health/ Shiraz University of Medical Sciences/ | Medical Records & Statistics Archiving | ------- | **September 1985** | **July 1987** |

2. SECTION 2 – PROFESSIONAL ACTIVITIES

   2.1 **Honours/ Awards**

| Date | Award Title | Awarded By | Terms of Award |
|---|---|---|---|
| **2005, 2007-13, 2015** | Research Prize Competition | Isfahan University of Medical Sciences | Prominent Researcher |
| **2007** | Chair research Prize Competition | Isfahan University of Medical Sciences | Prominent Researcher |
| **2006** | Chair research Prize Competition | Isfahan University of Medical Sciences | Chair Research |
| **2001** | Top student in Health Information Management | Iran University of Medical Sciences, at Health Information Management Ph.D. Entrance Exam in Iran | Top student in Health Information Management |

**2.2 Positions**

| Dates | Employer | Position |
|---|---|---|
| **November 2015- Present** | Isfahan University of Medical Sciences | **Chair** of Journals evaluation committee at Isfahan University of Medical Sciences |
| **March 2015- Present** | Faculty of Management & Medical Informatics at Isfahan University of Medical Sciences, Iran | **Professor** in Health Information Management & Technology Department |
| **2009- March 2015** | Faculty of Management & Medical Informatics at Isfahan University of Medical Sciences, Iran | **Associate** Professor in Health Information Management & Technology Department |
| **2006- 2016** | Health Management & Economics Research Centre | **Founder & Full Time Member**, Project Manager, Conferences Manager |
| **2005- 2010** | Faculty of Management & Medical Informatics at Isfahan University of Medical Sciences, Iran | **Founder & Head of postgraduate students**, Project Manager, Conferences Manager |
| **2005- 2014** | Committee of Policy Making in Information Technology in Isfahan University of Medical Sciences, Iran | Member, and Counselor |
| **2003-Dec 2015** | Faculty of Management & Medical Informatics at Isfahan University of Medical Sciences, Iran | **Founder & Editor-in-Chief of** Iranian Journal of Health Information Management |
| **2003- 2013** | Council of Health System Research (HSR) in Isfahan University of Medical Sciences. | **Faculty representative**, Member, and Counselor |
| **2003- present** | Faculty of Management & Medical Informatics at Isfahan University of Medical Sciences | Member, and Counselor, Research Council |
| **2003-2015** | Health informatics board, council for education in the Ministry of Health in Iran, Committee Board of Health Information Management Department | **Head of** country evaluation and member |
| **2003-2009** | Faculty of Management & Medical Informatics at Isfahan University of Medical Sciences | Assistant Professor in Medical Records Management Department |
| **1996-1997** | Cancer, Blood & Genetic Research Centre affiliated to the Isfahan University of Medical Sciences, Iran | Member & Project Manager |
| **1995-2003** | Faculty of Management & Medical Informatics at Isfahan University of Medical Sciences | Instructor & Head of Medical Records Management Department |
| **1992-1994** | Kashani Hospital affiliated to the Isfahan University of Medical Sciences, Iran | Supervisor in Medical Records Management Department |
| **1987-1988** | Isabneh-Maryam Hospital affiliated to the Isfahan University of Medical Sciences, Iran | Medical Records **Technician** Medical Records Department |

**2.3  Statement of Teaching Philosophy**

Health information management (HIM) is the practice of acquiring, organizing, analyzing, storing, protecting, reporting, coding, and releasing health information on individual health records to the right people, at the right time, and in the right manner.

The main goal of the healthcare delivery system is to improve quality, productivity, and accountability of health by healthcare providers. In order to manage this goal, it is necessary to access useful and accurate information in this area. Some questions that need to be addressed are: What is healthcare information and how to collect and store it? How to ***manage this information***? Which ***current and new technologies*** can support to manage this information? Answering these questions; is the duty of HIM practitioners.

When I was a tutor for my classmates in high school, I developed a passion for teaching and I wish to be a teacher. I finished my bachelor degree in Medical Records in 1992. I subsequently had the opportunity to teach as an instructor at Isfahan University of Medical Sciences, one of the most prestigious universities in Iran, where I was able to both teach and do research. I was later promoted to be the head of Medical Records Department. During this time I convened a meeting to revise the curriculum of the undergraduate Medical Records program and update it to meet the needs of the healthcare community. In 1997, I got my master degree and in October 2003 and finished my PhD degree.  I was elected to be a member of the examinations and the policy maker board of for the PhD program, and the Master at the Council for Education in Ministry of Health in Iran.

On February 2009, as an associate professor, believing that the university curricula, especially in applied fields like HIM, should meet the needs of the market and the rapidly changing nature of the field (the production of knowledge doubles almost every five years in the field of information and communications technology), I felt, adaptations and modifications to the curriculum were essential and necessary. Accordingly, I participated in revising the curriculum in Health information Management at the MSc and PhD levels of the Council of Education in the Ministry of Health in Iran.

My goal in teaching is to empower my students to become leaders within their field.  With this in mind, I have emphasized critical thinking, collaboration, and communication skills in addition to the problem solving skills. Having trained graduates to be experts in their field, the majority of my students have conducted many practical projects, published scientific articles, and have become faculty members in higher education.

I am interested and able to teach all the HIM as well as Health Information Technology courses, e.g. Health Information Management, Health Information Technology, Medical Terminology, Medical Coding, Principals of Management in Hospital, among others that are required in a university level HIM program.

I have gained health care Canadian experience, by holding a post-doctoral fellowship from 2009-2010 as well as being a visiting professor at the Centre for Research in Healthcare Engineering at University of Toronto many times in 2015-9.

**2.4. Teaching Experience**
Below is a list of courses and workshops I have taught.

**2.4.1 Courses**

1. Courses Currently Taught: Information and Communication Technology in Health Care,   Health Information Technology, Health Information Management, Death Certification Coding, Research Seminar, Research Methods in Healthcare.

2. Courses Previously Taught: Coding I-II, Medical Terminology I-II, Medical Records I-II, l Management Principals, Medical Ethics.

**Course Title: Coding Diseases & Procedures I & II**   Academic Level: Undergraduate
Course Objective:   Students will learn Folio and the fundamentals of ICD-10 and CCI classifications, the Canadian coding standards and data reporting in healthcare organizations. Students will also learn about computerized software applications and document imaging software.

**Course Title: Medical Terminology I & II**              Academic Level: Undergraduate
Course Objective:  Students will learn the components of medical words, how to analyze words by roots, prefixes and suffixes, how to spell, define, pronounce and apply medical words that relate to specific body systems. Common disease terms will be included along with abbreviations, diagnostic tests and clinical procedures.

**Course Title: Usage of Information Technologies in Healthcare**   Academic Level: Graduate
Course Objective:  Increasing improvements in the health care system due to research and new IT technologies have led to significant and fast changes in this area. Health information technology (HIT) is a combination of health and "IT".  Different factors such as computerization and technology development, medical profession, medical economics, medical processes, human resources, government and governmental regulations affect the use of these technologies in the health domain. Students will learn about some technologies in health system include: Mobile-Health, Electronic Health Record (EHR), Health Information System (HIS), Geographic Information System (GIS), Tele-Medicine, Radio Frequency Identification (RFID), and speech recognition technology.

**Course Title:  Information and Communication Technology in Health Care**   Academic Level: Graduate
Course Objective: Students will learn about general concepts, process, methods (verbal and nonverbal), barriers of communication, and functions of communication in an organization. They will learn how can improve communication with current technologies in healthcare.

**Course Title: Medical Records Management**   Academic Level: Graduate
Course Objective:  Students will learn about the most modern management theories and techniques and their applications with emphasis on the medical records and diagnostic departments in the hospital.

**Course Title: Research Seminar**   Academic Level: Graduate
Course Objective: Students will learn about the process of compiling research reports; editorial, review, and original articles (in Persian and in English); oral and poster presentations; and organizing and planning to hold a conference.

**Course Title: Research Methods in Healthcare**   Academic Level: Graduate
Course Objective: Students will learn about writing the research proposal, conducting research, and preparing reports for their theses and dissertation.

**Course Title: Death Certification Coding**              Academic Level: Undergraduate
Course Objective: Students will learn the rules and guidelines for coding deaths, according to ICD-10 books (published by W.H.O) and use them to code underlying cause of death on death certification.

**Course Title: Healthcare Information Management**   Academic Level: Graduate
Course Objective: Students will learn about the information management in health care organizations, and data quality management in healthcare centers.

**2.4.2    Workshops**

- Prioritizing the challenges of using information technology and communication for elderly home care workshop (Chair of Scientific and Executive Committee, Teacher in for Staff in selected Homecare centres)  at  Faculty of Management & Medical Informatics, Isfahan University of Medical Sciences, Isfahan, Iran, October 1, 2019
- "Prioritize the Challenges of Using Smart Mobile in the Selected Educational Hospital through Healthcare Providers Viewpoint, " Workshop, Faculty of Management & Medical Informatics, Isfahan University of Medical Sciences, Isfahan, Iran, June 18, 2015 (Chair of Scientific and Executive Committee, Teacher in for Staff in selected Hospitals)
- "Assessment of Critical Success Factors of «Wireless Sensor Network (WSN) Implementation for Nosocomial Infection Control of Intensive Care Unit»" Workshop, Faculty of Management & Medical Informatics, Isfahan University of Medical Sciences, Isfahan, Iran, on June 16, 2015. (Chair of Scientific and Executive Committee, Teacher in for Staff in selected Hospitals)
- "Prioritize "Critical Success Factors" of Radio Frequency Identification (RFID) Adoption to Identify Surgery Ward Patients", Workshop, Faculty of Management & Medical Informatics, Isfahan University of Medical Sciences, Isfahan, Iran, on June 23, 2014. (Chair of Scientific and Executive Committee, Teacher in for Staff in selected Hospitals)
- " Standard Medical Certificate of Death and its Related Rules", Workshop, Medical Education Development Center, Isfahan University of Medical Sciences, Iran on May 3 & 8, 2014, for General Physician in Isfahan Province. (Chair of Scientific and Executive Committee)
- ""Barriers to Implement Electronic Health Records" in terms of Healthcare Providers' Views" , Workshop, Faculty of Management & Medical Informatics, Isfahan University of Medical Sciences, Isfahan, Iran, on May 1, 2014.(Chair of Scientific and Executive Committee).
- " Job Empowerment through Use Information Technology", Workshop, Faculty of Management & Medical Informatics, Isfahan University of Medical Sciences, Isfahan, Iran, on December 26, 2013. (Chair of Scientific and Executive Committee).

## 2.5  Graduate Supervisions

Below is a list of the 32 graduate students I have supervised and their thesis topics.

| Year | Student Name | Title Of Thesis | Grade |
|------|--------------|-----------------|-------|
| 2019 | Tahmineh Alidadi | Study and analyzing the pre-hospital emergency processes at Isfahan with process mining technique | MSc |
| 2018 | Maryam Varnaseri | Establish National Parkinson's disease Minimum Data Set for Iran | MSc |
| 2017 | Qmars Chelongar | Prioritizing the challenges of using information technology and communication for elderly home care | MSc |
| 2016 | Mehri Nemati | Establish National Alzheimer Minimum Data Set in Iran | MSc |
| 2016 | Lida Khaleghi | Prioritizing the «Challenges of  Using smart bed to prevent of Bedsore Intensive Care Unit» Based on Viewpoint  of Research Population | MSc |
| 2016 | Maryam Rezaee | Prioritizing of "Information Technologies Usage on Emergency Department Performance" from the Perspective of Emergency Medicine Specialists Beheshtie Hospital | MSc |
| 2016 | Fotooheh Teimouri | Prioritizing the Challenges of  Using Smart Clothes in Monitoring the Health of the Elderly from the Perspective of its Inventors | MSc |
| 2016 | Zohreh Heydainia | Prioritizing the Challenges of  Using Smart Mobile in the Selected Educational Hospital through Healthcare Providers Viewpoint | MSc |
| 2015 | Bayaneh Ahmadi | A Comparative study on the use rate of information technology specialist physician in the process to deliver health care in, Isfahan University of Medical Sciences | MSc |
| 2015 | Mostafa Rezaee | Establishing National Traffic Accident Minimum Data Set in Iran | MSc |
| 2015 | Ali Akbar Maghsodlo | The Comparative Study on Minimum Data Set of Cerebral Palsy in Selected Countries to Propose a Sample Model for Iran | MSc |
| 2015 | Fahimeh Zargani pour | Assessment of Critical Success Factors of «the Wireless Sensor Network (WSN) Implementation for Nosocomial Infection Control of Intensive Care Unit» in Isfahan selected hospitals by Analytical hierarchy process (AHP) | MSc |
| 2014 | Najmeh Karbalee | Prioritize "Critical Success Factors" of Radio Frequency Identification (RFID)Adoption to Identify Surgery Ward Patients by Analytic Hierarchy process | MSc |
| 2014 | Parisa Lamochi | The comparative Study on Minimum Data Set of Burn in Selected Countries to propose a sample for Iran | MSc |
| 2014 | Fatemeh Torabiyan | Assessment of "information technology usage to improve Medical Records Department performance" in Isfahan selected hospitals by AHP | MSc |
| 2014 | Raziyeh Arab | Assessment job empowerment through use information technology for Medical Records Departments' staff in Isfahan selected hospitals by AHP | MSc |
| 2014 | Tayebeh Bagheri | Prioritize the "barriers to implement Electronic Health Records" in terms of health care providers' views in selected hospitals in Isfahan by AHP | MSc |
| 2014 | Ahmad Rajabzadeh | Assessment methods of services supply's "hospital information systems and information technology" in Isfahan selected hospitals by AHP | MSc |
| 2013 | Arezo Arzani | Compare Viewpoint of Chiefes and Head Nurses in Inpatient Department in the "Imam-Musa-Kazem (AS) Hospital in Isfahan" with "Ayatolah-Taleghani Hospital in Ahwaz" about Presentation of Teleconsultation | MSc |
| 2013 | Fahimeh Ayen | A Study on Distribution Map Field "health information technology" and "Medical Informatics" in Bachelor of Science and Master of Science Degree and "Health Information Management" at the PhD level in Iran | B.S |

| | | universities | |
|---|---|---|---|
| 2013 | Farzaneh Ghaderi | The effects of design and decoration of Medical Records Department on staff happiness | B.S |
| 2013 | Ghazal Moradi | Identify opinions of vise chancellor of education in Esfahan academic hospitals & expert of Esfahan medical association on application of voice-text software to record patient information | B.S |
| 2013 | Mahdi Askarianzadeh | Comparative study of the national renal disease registry in selected countries and provide a proper solution for Iran | M.Sc |
| 2013 | Zahra. Melat | The Comparative study of information system of substance dependence treatment in selected countries and provide a solution for Iran | M.Sc |
| 2013 | Golchehreh. Ahmadi | Establishing Multiple Sclerosis Minimum Data Set in Iran | M.Sc |
| 2013 | Marziyeh Adel-Mehraban | What is Technology Concept in Nurse's perspective | Ph.D. |
| 2013 | Batool Akbari | External and Internal Strategic Factors Evaluation for Earthquake's victims Tracking Management System via Usage Radio Frequency Identification | M.Sc |
| 2012 | Asiyeh Heidari | Readiness assessment for Electronic Health Record (EHR) implementation in Isfahan selective hospitals | M.Sc |
| 2010 | Javad Zaree | Improving the Medical Records Department Process at Ayatolahkashani Hospital in Isfahan City, Iran by Lean Management Method | M.Sc |
| 2010 | Akram Sadeghian | Improving the Medical Records Department Processes at Ayatolah Kashani Hospital in Isfahan by Lean Management | M.Sc |
| 2009 | Hossein Bagherian | Waiting Time in Emergency Department (ED) Services' Delivery of Ayatolahkashani Hospital in Isfahan, Iran by Simulation | M.Sc |
| 2009 | Afsaneh Ebad | Performance Evaluation of Medical Records Department with Balanced Scorecard (BSC) approach in Fatemehzahra Hospital of Najafabad, Isfahan, Iran | M.Sc |
| 2009 | M. Ataee, & M. Bolokian | A Comparative and Analytic Study on Costs of Patients with & without Nosocomial Infections in Orthopedic and Surgery Wards at Dr. Shariati Hospital in 2004 in Isfahan City, Iran | M.Sc |
| 2008 | L. Porazar, Z. Moghzi | Waiting time in Beheshti Hospital | M.Sc |
| 2008 | Z. Moradi, M. Fatahi, N. Nematolahi | An Analytical Study on Earthquake Information Management Systems (EIMS) in Japan, Afghanistan, Turkey, Japan, India, and Iran and Proposing a Suitable Model for Iran | M.Sc |

**2.7    Research Projects (Principal Investigated)**

| # | Title | Place | Year |
|---|-------|-------|------|
| 21 | Drawing Information Flow Map in the Emergency Department in the Humber River Hospital in Toronto | Canada | 2018 |
| 20 | Drawing Patient Flow Map in the Emergency Department at the Humber River Hospital in Toronto | Canada | 2016-7 |
| 19 | Improving the Emergency Services Process at Kashani Hospital in Isfahan City, Iran by Lean Management and Simulation Methods | Iran | 2013 |
| 18 | A Study of Impact of Simulation on Waiting Time at Emergency Processes of Kashani Hospital in Isfahan City | Iran | 2013 |
| 17 | Time Measurement at Medical Records Department at Kashani Hospital in Isfahan, Iran by Simulation | Iran | 2013 |
| 16 | Teaching Impact Evaluating of "Research Seminar"  with  Problem Solving Method' on Vision of Medical Records Students' Master Sciences by Analytical Hierarchy Process (AHP) approach | Iran | 2012 |
| 15 | Healthcare Support through Information Technology Enhancements (hSITE): Problem definition and issue prioritization, HOME CARE | Canada | 2011 |
| 14 | Healthcare Support through Information Technology Enhancements (hSITE): Problem definition and issue prioritization, HOME CARE(Dr. Diane Doran; Ivana Matic M.Sc; Sima Ajami,PhD) | Canada | 2010 |
| 13 | Evidence-Based Resources and the Clinical Decision Making Process of Medical/Surgical Nurses: A Workflow Analysis (Mary Agnes Beduz, RN, PhD ;Diane M. Doran, RN, PhD, FCAHS, Lawrence S. Bloomberg Faculty of Nursing, University of Toronto; Tammie L. Di Pietro, RN, MN, University of Toronto, Sima Ajami, PhD, University of Toronto) | Canada | 2010 |
| 12 | Performance Evaluation of Medical Records Department with Using Analytical Hierarchy Process (AHP) approach in the Selected Hospitals in Isfahan, Iran. | Iran | 2010 |
| 11 | Reduce Waiting Time at Emergency Processes of Ayatolahkashani Hospital in Isfahan City by Simulation | Iran | 2009 |
| 10 | Determine Student Admission Indicators in Medical Records Field Different Degrees in Isfahan Medical Sciences University | Iran | 2008 |
| 9 | A Study of the Importance and the Application of Medical Records in Doing Research from the Point of Isfahan Educational Hospital Researchers | Iran | 2007 |
| 8 | A Comparative Study on "Iran Health Population Information Management System"with United Nations standards in 2007 | Iran | 2007 |
| 7 | A Survey on Average of Waiting Time in the Discharge Process in Beheshti Hospital in Isfahan, Iran in 2007 | Iran | 2007 |
| 6 | A Survey of the Average Waiting Time in the Discharging Process in Kashani Hospital | Iran | 2006 |
| 5 | A Survey on Experts' Opinions about Role of Heroin Addiction Information Management Systems on its Prevention & Treatment in Isfahan | Iran | 2005 |
| 4 | A Study on the Methods and Rules about Registration, Completion Issuance and Collection of Death Information System in Hospitals of Isfahan | Iran | 2004 |
| 3 | A Study on the Rate of Causal & Identify Information Recorded on Previous & Current Death Certificates in Isfahan | Iran | 2004 |
| 2 | A Study on effect of Imperfect Forms on Financial Evaluation of Insurance Services in Some Training Hospital in Isfahan | Iran | 2004 |
| 1 | A Survey on Death Specific & General Indicators, in Teaching Hospitals, Isfahan Province | Iran | 1996 |

2.5    **Ongoing Research Projects (Principal Investigated)**

| # | Title | Place | Year |
|---|-------|-------|------|
| **3** | A study on the performance at the command centre at the Humber River Hospital in Toronto | Canada | 2019 |
| **2** | Establish National Parkinson's disease Minimum Data Set for Iran | Iran | 2018-9 |
| **1** | Prioritizing the challenges of using information technology and communication for elderly home care | Iran | 2018-9 |

2.6      **Scholarly Addresses/ Presentations**,

| # | Title, Year, Place |
|---|---|
| 54 | A report from the Humber River Hospital in Toronto, North America, on technology and innovation in Faculty of Management & Medical Informatics, Isfahan Medical Sciences University, December 31, 2018 at 12:30-14 PM |
| 53 | Drawing Patient Flow Map in the Emergency Department in the Humber River Hospital in Toronto in Tarbiat Modares in Tehran, Iran (December 2017) |
| 52 | Improving Emergency Department (ED) Processes at Kashani Hospital by Lean Management and Simulation in 41th ORAHS, on July 19-24, 2015,in Montreal, Canada |
| 51 | The Use of Mobile-health Technology for Monitoring the Health of the Elderly at Shiraz International Seminar on mHealth, May 17-18, 2015 |
| 50 | The Reasons of Editors in Chief under Pressure in Developing Countries at Sixth Eastern Mediterranean Conference on Medical Journals (EMMJ6) in Shiraz, Iran, 2014 |
| 49 | Challenges of Author and Publisher in Scientific Journal at Second International Congress on Publication Ethics" on 4-5 December 2014, in Shiraz, Iran |
| 48 | The Advantages and Barriers to Implement Substance Dependence Treatment Information System (SDTIS)at 45th The International Narcotics Research Conference 2014 in Montréal, Québec, Canada July 13 to July 18, 2014 |
| 47 | The Role of Information System in Multiple Sclerosis Management: 10th international Iranian MS Congress & 1st International Iranian congress of the Devic syndrome" S Ajami, G Ahmadi, M Etemadifar, 2014 |
| 46 | How Educational Program Could Improve the Medical Records Department Processes: (Sima Ajami, Akram Sadeghian) at Isfahan-Karbela Conference on Medical Education, Isfahan University of Medical Sciences Isfahan, Islamic Republic of Iran, October 5-10, 2013 |
| 45 | Assess "Research Seminar" Course by Analytical Hierarchy Process Technique : (Sima Ajami, Saeedeh Ketabi) at Isfahan-Karbela Conference on Medical Education, Isfahan University of Medical Sciences Isfahan, Islamic Republic of Iran, October 5-10, 2013 |
| 44 | Impact of Implementing Scenarios' Simulation on Waiting Time at Emergency Department, ORAHS2013, 07-12 July 2013 , Istanbul in Turkey (KOC University) |
| 43 | Impact of Implementing Scenarios' Simulation on Idle and Service Time at Emergency Department, INFORMATION TECHNOLOGY AND COMMUNICATIONS IN HEALTH (ITCH) , February 21 – 23, 2013, In Victoria, BC Canada |
| 42 | Telemedicine Technology, at Regional conference on Medical Informatics, Nov 15, 2012, Tabriz Iran (Key Speaker) |
| 41 | The guidelines to issue death medical certifications for physicians, at 15th Tabriz International Medical Sciences Congress, August 22-23, 2012, Tabriz in Iran. |
| 40 | Evaluating the Production of Science in the Field of "Health Information Management" in Iran : at 3rd International Conference on Information Management and Evaluation (ICIME), Ankara in Turkey, April 16-17, 2012 |
| 39 | RFID in Earthquake Information Management System: work in progress. The Second National Conference Health system, risk management And Disaster 2012; Isfahan, Iran: Health Management & Economics Research Center, Isfahan University of Medical Sciences. |
| 38 | "Challenges of Author and Publisher in Scientific Journal" in the First and International Annual Scientific Congresses of Iranian Society of Medical editors in Association of COPE , Shiraz in Iran on Nov 24-25, 2011 |
| 37 | "Clinical information, communication and workflow challenges of healthcare professionals in homecare" in the INFORMS healthcare June 20-22, 2011, Montreal in Canada |
| 36 | "Waiting Time in Emergency Department by Simulation Technique" at INFORMATION TECHNOLOGY AND COMMUNICATIONS IN HEALTH (ITCH) February 24 - 27, 2011, Victoria, BC Canada |
| 35 | "Improving the Medical Records Department Processes at Ayatolah Kashani Hospital in Isfahan by Lean Management" at the 36th International Conference of Operational Research Applied to Health Services (ORAHS)University of Genova, 18-23 July 2010, Genova in Italy |
| 34 | "Information Technology and Recording Medical Information on Natural Disasters" the 3rd International Disaster and Risk Conference from 30 May to 3 June 2010, Davos in Switzerland. |
| 33 | "Teaching Impact Evaluating of "Research Seminar" with Problem Solving Method' on Vision of Medical Records Students' Master Sciences by Analytical Hierarchy Process (AHP) approach" in the Educational Motahari Conference, Isfahan in Iran on April 26, 2010 |

| | **2.9       Scholarly Addresses/ Presentations**, continued |
|---|---|
| **#** | **Title, Year, Place** |
| 32 | Ordering criteria for Medical Documentation in Disasters with Using Analytical Hierarchy Process (AHP), at National conference on preparedness health organizations in the accident and disaster management, Isfahan in Iran on Feb 17-19, 10 |
| 31 | "Impact of Simulation on Waiting Time at Emergency Processes before and after applying "solutions at Ayatolahkashani Hospital in Isfahan", Iran The second conference on Applied Mathematics and control theory in medicine University of Mashad January 2010, in Mashad of Iran |
| 30 | " Ordering of Medical Records Department with Using Analytical Hierarchy Process (AHP) approach in the Selected Hospitals in Isfahan, Iran" 35th International Conference of Operational Research Applied to Health Services July 12 to 17 2009, Leuven in Belgium |
| 29 | "The Effect of Teaching Meta-cognition Package on Self-Directed Learning in Medical Records Students of Isfahan University of Medical Sciences"Maryam Gordanshekan,, Mohammad H. Yarmohammadian, Sima Ajami, April 26, 2009, Isfahan in Iran |
| 28 | "Evaluating of Education Impact "Research Seminar" course with Problem Solving Method' through the Vision of Medical Records Students' by Analytical Hierarchy Process (AHP) approach on progress(first report)"At Education in the Third Festival martyr Motahari, Apr 26, 2009, Isfahan in Iran |
| 27 | "A Study on Waiting Time of Emergency Department Services' Delivery of Ayatollah Kashani Hospital of Isfahan, Iran by Simulation" At 23rd European Conference on Operational Research, Bonn in  Germany, on  July 5 - 8, 2009. |
| 26 | " Performance Evaluation of Medical Records Department with Using Analytical Hierarchy Process (AHP) approach in the Selected Hospitals in Isfahan, Iran" in The 2th International Conference on Operational Research in Mazandaran University, Babolsar in Iran, May, 2009 |
| 25 | "Comparing trends of information management system in medical records with the standard in, Ayatollah Kashani hospital" at  Congress of justice in the health system on  March 10-11, 2009, Isfahan in Iran |
| 24 | Reduce Destroys and rule of "Earthquake Information Systems" the Comparative study in Turkey, Afghanistan and Iran' at the International Disaster and Risk Conference IDRC Davos from August 25 to August 29, 2008,Davos in Switzerland. |
| 23 | "Costs of Patients with Nosocomial Infections in Surgery Ward at Shariati Hospital in 2004 in Isfahan City, Iran" at 7th International Conference on Health Economics, Management and Policy, 10-13 July 2008, Athens in Greece. |
| 22 | " Costs of Patients with & without Nosocomial Infections in Orthopedic and Surgery Wards at Shariati Hospital in 2004 in Isfahan City, Iran" at the 7th EUROPEAN CONFERENCE ON HEALTH ECONOMICS AND GLOBAL RENAISSANCE" on 23rd to The 26th of July 2008, Rome in Italy |
| 21 | "Utilization on Discharge Process in Beheshti Hospital in Isfahan, Iran" at the 1st International Conference of Iranian Operations Research Society,28-30 January 2008,in Kish Island in IRAN at Kish University. |
| 20 | Hospital Processes Optimization via Computer Simulation" Dr. Saedeh Ketabi (Ph.D.) and Dr. Sima Ajami (Ph.D.) in the 1st International Conference of Iranian Operations Research Society,28-30 January 2008, Kish Island in  IRAN in Kish University. |
| 19 | QUEUE ON DISCHARGE PROCESS IN BEHESHTI HOSPITAL IN IRAN "The 33rd International Conference on Operational Research Applied to Health Service ORAHS'2007" 15-20 July 2007, Saint Etienne in France |
| 18 | Waiting time on the discharge process in Beheshti Hospital in Iran in the EURO XXII Conference OR creates bridges", July 8-11, 2007, Prague in Czech. |
| 17 | The 1st Congress on Standard, Development & Health in Kermanshah, 21-23 April 2007 Iran, "A comparative study of Physical Structures, equipments, human resources, health and safety Standards in Surgical wards in all Educational Hospitals in Isfahan in 2005". |
| 16 | The Role of "Earthquake Information Management Systems (EIMS)" to Reduce Destroys and Compare it in Japan, Turkey and Iran" In 2nd International Conference on integrated Natural Disaster Management (INDM 2007) on Feb 13-14,2007, Tehran in Iran |
| 15 | "An analysis study on Earthquake Information Management Systems (EIMS) in Japan, Afghanistan and Iran and proposing a suitable model for Iran. " in3rd International Congress on Health, Medication and Crisis Management in Disasters on 12-14 December, 2006, Tehran in Iran |

| 14 | "An analysis study on Earthquake Information Management Systems (EIMS) in Japan, Afghanistan and Iran and proposing a suitable model for Iran." In International Disaster Reduction Conference (IDRC) in Davos (Swiss,) on 27 August to the first of September 2006 |
|---|---|

**Scholarly Addresses/ Presentations**, continued

| # | Title, Year, Place |
|---|---|
| 13 | "A comparative survey on Mortality Information Management System (MIMS) in, United States of America, England, New Zealand and Iran and proposing a suitable MIMS model for Iran". In 6th International Scientific Conference (IOHA), Pilanesberg in South Africa (19th –23rd September) |
| 12 | "The role of Information Management in rendering Healthcare in Disasters" in The 2nd International Congress on Health, Medication & Crisis Management in Disaster (2004/Tehran in Iran) |
| 11 | "The role of Heroin Addiction Information Management System on its prevention & treatment" in the 1st International Asia Pacific Institute of Addictions (May of June 2004 / Singapore) |
| 10 | "Electronic health records and render services in health area" in the 4th regional congress on e-health (2004/Tehran of Iran) |
| 9 | "The role of Health Information Systems on hearth diseases prevention & treatment" in The first AIMS International Conference on Management,2003, hosted by the Indian Institute of Management Bangalore(2003; Bangalore- India) |
| 8 | "A comparative study on Mortality Information Management System (MIMS) in, United States of America, England, New Zealand and Iran and proposing a suitable MIMS model for Iran". In the fourth seminar of Iranian Medical Records system (2003/Tehran/ Iran) |
| 7 | "Legal Aspects of Medical Information" in the third seminar on Islam's views in medicine (2003 /Mashhad/ Iran) |
| 6 | "Guidelines for completing medical death certification by physicians" in the second seminar about legal & judicial aspects of Health Information, 2003, in Isfahan of Iran |
| 5 | "Importance & methods of registering death certification in Health Information System" in the first seminar about legal & judicial aspects of medical information, 2002 in Isfahan of Iran |
| 4 | "The role of research management & informatics on country cultural development" in International congress on the role of informatics in cultural development,2001 in Tehran of Iran |
| 3 | "The role of educated people on country national development" in the first Iranian medical sciences postgraduate student conference, 2000, in Tehran of Iran |
| 2 | "A survey on managers & administrators' attitude about utilization of Medical Records to evaluate physicians' performance" in the third seminar of Medical Records in 1998 in Tehran |
| 1 | "A survey on effective factors on cultural invasion among educated juvenile ", psycho-social factors of cultural invasion seminar at Rodhen Azad University, 1994, Rodhen of Iran |

## 2.10 Invited Key Speaker

| # | Title, Date, Place |
|---|---|
| 9 | Health Information Systems Engineering in School of Administrative Sciences and Economics, University of Isfahan December 18, 2018 at 10-11 AM |
| 8 | Telemedicine Technology in the Regional Conference on Medical Informatics, November 15, 2012, Tabriz Branch, Islamic Azad University, Iran |
| 7 | Guideline to issue Medical Death Certification for Physicians in the 15th International Medical Sciences Congress, Tabriz Branch, Islamic Azad University, 22-24 August 2012, Tabriz, Iran |
| 6 | The First Iranian Conference Of Hospital Automation, Mashhad University of Medical Sciences With Cooperation of Medical Informatics Department, Amsterdam University, January, 5 - 9, 2008, Imam Reza Hospital, Mashhad – Iran. |
| 5 | The international conference on information and computer sciences at King Fahad University –Dhahran (Nov 29-Dec 1 /2004 – Saudi Arabia). |
| 4 | Conference of health system research & development of Faculty of Management & Medical Informatics (2001/Tehran/ Iran) |
| 3 | Convention of Medical Records in Faculty of Management & Medical Informatics (1996/Tehran/ Iran) |
| 2 | The 2nd nationwide Medical Records seminar in Iran Medical Sciences University (1994/Tehran/ Iran) |

| 1 | Nationwide health services management organization behavior in Nursing Faculty (1993/Tehran/ Iran) |
|---|---|

## 2.11 Professional Association Activities

| Date | Association | Capacity |
|---|---|---|
| 2015-Present | Isfahan University of Medical Sciences | Counselor for the Vice-Chancellor of Research Affairs in Persian Journals |
| 2010-Present | Journal of Information Technology and Software Engineering | Member of Editorial Board & Guest Editor of Special section of Health Information Technology |
| 2009-Present | Journal of Health Systems | Member of Editorial Board |
| 2008-Present | Journal of Production & Operation Management | Member of Editorial Board |
| 2006-Present | Association of Medical Journal Editors in Iran | Member |
| 2006-Present | Iranian Operation Research Society | Member |
| 2006-2010 | Journals Technical Committee at Isfahan University of Medical Sciences | Member and counselor |
| 2006-Present | Health Information Research Centre | Member |
| 2006 | The first Seminar in Forensic Nursing, at School of Nursing | Academic Chair |
| 2005-2012 | Publishing Committee in School of Management & Medical Informatics | Member |
| 2005-2010 | Information & statistics, organizing committee | Member |
| 2005-2014 | Examinations & policies Maker Board of PhD, and Master at council for education in Ministry of Health in Ira | Member |
| 20014- 2015 | Iranian Journal of Health Information Management | Editor-in-Chief and Member of Editorial Board |
| 2004-Present | Journal of Health Information Management | Member of Editorial Board |
| 2004 | Strategic Planning and Management workshop in Dentist School | Executive and Academic Chair |
| 2002 | The second seminar on legal & judicial aspects of health information in Alzahra Isfahan, Iran | Executive and Academic Chair |

**2.12      Professional Development**

| # | Year | Title of workshop, place | Duration |
|---|------|--------------------------|----------|
| 27 | 2018 | Scientometrics and metamorphosis in the field of exquisite Hall of Fame from 8 to 12  AM, November 11, 2018, Isfahan University of Medical Sciences, Isfahan,  Iran | 1 day |
| 26 | 2018 | Edraw workshop in Mining Building at University of Toronto August16, 2018, 10AM-12AM | 1 day |
| 25 | 2018 | Advanced Powerpoint workshop August 8th, 2018 , 6pm – 8pm, WoodGreen at 815 Danforth Ave, 3rd Floor, Computer Lab(Toronto, Canada) | 1 day |
| 24 | 2015 | The editors' empowerment workshop on in  the Conference room of the vice chancellor of research of Isfahan University of Medical Sciences from 8 to 14 , January 2, 2015 | 1 day |
| 23 | 2013 | Data Mining in Healthcare Systems, May 25, 2013 (Prof. Alireza Nakhaeezadeh) | 1 day |
| 22 | 2013 | Dashboard Model in Medical Emergency Information; April 27, 2013 (Reza Shahpouri) | 1 day |
| 21 | 2011 | "Indexing Proficiency for Iranian Medical Sciences Journals" workshop , Tehran University of Medical Sciences, Tehran, Iran,  October 29, 2011 | 1 day |
| 20 | 2011 | PMDR "Portal of Medical Digital Resources" Isfahan University of Medical Sciences , Isfahan, Iran,  October 11, 2011 | 1 day |
| 19 | 2010 | CREATE Summer School, Healthcare Operations & Information Management , McGill University, at Montreal inCanada, June 14-18, 2010 | 5 days |
| 18 | 2010 | Managing projects, University of Toronto, Canada, MITACS, June 28th,2010 | 1 day |
| 17 | 2010 | The Art of Powerful Conversation, University of Toronto, Canada, June 21st,2010 | 1 day |
| 16 | 2010 | Effective Networking, University of Toronto, Canada, MITACS(June 21,2010) | 1 day |
| 15 | 2009 | Data Mining, Isfahan, Iran | 1 day |
| 14 | 2008 | Problem Base Learning, Isfahan, Iran | 2 days |
| 13 | 2008 | Re-engineering, and Renovation, Isfahan, Iran | 3 days |
| 12 | 2007 | Qualitative Study, Isfahan, Iran | 4 days |
| 11 | 2007 | Faculty member process promotion, Isfahan, Iran | 4 days |
| 10 | 2006 | Research Methods, Isfahan, Iran | 5 days |
| 9 | 2006 | Strategic Planning, Isfahan, Iran | 2 days |
| 8 | 2001 | How we can code diseases, procedures, and operations on Medical Records, Isfahan, Iran | 3 days |
| 7 | 2001 | Article preparing and reporting  Methods, Isfahan, Iran | 5 days |
| 6 | 2001 | ICD-10, Isfahan, Iran | 4 days |
| 5 | 1997 | Teaching, research methods, Isfahan, Iran | 5 days |
| 4 | 1994 | Planning, teaching methods, evaluation of students Method, Isfahan, Iran | 3 days |
| 3 | 1993 | Hospital management teaching, Isfahan, Iran | 3 days |
| 2 | 1993 | Medical Records computerizing, Tehran, Iran | 13 days |
| 1 | 1993 | Planning, teaching methods, evaluation of students Method, Isfahan, Iran | 2 days |

**2.13    Other Professional Actinities**

| Year | Company | Position | Activity |
|---|---|---|---|
| July 2015-2019 | Humber River Hospital | Information Department | Volunteer Researcher |
| February-September 2018 | University of Toronto, Centre for Research in Healthcare Engineering, | Visiting Professor | Research |
| June 2016, July 2017 | University of Toronto, Centre for Research in Healthcare Engineering, | Visiting Professor | Research |
| June 2015- January 2016 | University of Toronto, Centre for Research in Healthcare Engineering, | Visiting Professor | Research |
| July- August 2014 | University of Toronto, Centre for Research in Healthcare Engineering, | Visiting Professor | Research |

**2.14    Nonprofessional Interests**
1.    Gardening
2.    Swimming
3.    Cooking
4.    Traveling
5.    Visiting Museum and Zoo
6.    Decorative Art as well as vintage and antique art
7.    Watching movies/ Scientific news
8.    Spending time with my family
9.    Nature walks, hiking
10.    Swimming
11.    Cooking

3. SECTION 3 – PUBLICATIONS
    3.1    Journal Publications

| # | Name of authors /Title/ Journal/Year;Vol: No:pp | Type /Language | Index |
|---|---|---|---|
| 69 | Zerganipour F, Ajami S, Ketabi S, Samimi A. Critical Success Factors to Control Nosocomial Infection by "Wireless Sensor Network" in Intensive Care Unit. Inform Tech Soft Engg 2016;6: 173. doi:10.4173/21657866.1000173. | Review /In English | Google Scholar |
| 68 | Nemati-Shahpar M, Ajami S, Chitsaz A. Role of Alzheimer Disease National Registry System in Prevention and Treatment Management. J Bioeng Biomed Sci 2016;6: 188. doi:10.4172/2155-9538.1000188 | Review /In English | |
| 67 | Ajami S, Maghsodlorad AA. The Role of Information Systems to Manage Cerebral Palsy. Iranian Journal of Child Neurology 2016; 10(2):1-9. | Review /In English | ISI |
| 66 | Ajami S, Khaleghi L. A Review on Equipped Hospital Beds with Wireless Sensor Networks for Reducing Bedsores. Journal of Research in Medical Sciences 2015;20:1007-15. | Review /In English | ISI |
| 65 | Ajami S, Ketabi S. Assessment of Research Methods in Healthcare by Analytical Hierarchy Process Technique. J Community Med Health 2016;6: 429. doi:10.4172/2161-0711.1000429. | Research /In English | |
| 64 | Ajami S. Use of speech-to-text technology for documentation by healthcare providers. Natl Med J India. 2016 May-Jun;29(3):148-152. | Review /In English | ISI |
| 63 | Ajami S, Ketabi S, Torabiyan F. Review of Performance Improvement Indicators of the Medical Records Department and Information Technology in Hospitals. Pakistan Journal of Medical Sciences 2015;31(3). | Review /In English | ISI |
| 62 | Ajami S, Teimouri F. Wearable Biosensors (WBS) for Monitoring Patients. Journal of Research in Medical Sciences 2016;21:30. | Editorial /In English | ISI |
| 61 | Ajami S, Khaleghi L. Hospital Beds Wireless Sensor Network and Reducing Decubitus. Journal of Research in Medical Sciences 2015;20:627-8. | Editorial /In English | ISI |
| 60 | Ajami S, Zerganipor F. Nosocomial Control by Wireless Sensor Network in Intensive Care Unit. Journal of Research in Medical Sciences 2016;21. | Editorial /In English | ISI |
| 59 | Ajami S, Teimouri F. Features and Application of Wearable Biosensors in Medical Care. Journal of Research in Medical Sciences 2015;20:1208-15. | Reviewed /In English | ISI |
| 58 | Akbari B, Ajami S.Radio Frequency Identification (RFID) and Rescue Victims in Earthquake. International Journal of Health System and Disaster Management 2015;3:S1-5. | Reviewed/In English | |
| 57 | Akbari B, Ajami S.Assessment of Victims Tracking in Earthquake by Using Radio Frequency Identification (RFID); Rescuers' Viewpoint. International Journal of Health System and Disaster Management 2015;3:200-5. | Original/In English | |
| 56 | Ajami S, Maghsodlorad AA.National Cerebral Palsy Minimum Data Set. Journal of Research in Medical Sciences 2015 Apr;20(4):321-2. | Editorial /In English | ISI |
| 55 | Ajami S, Askarianzadeh M, Mortazavi M.Developing a Provisional and National Renal Disease Registry for Iran. Journal of Research in Medical Sciences 2015 ;20(3):244-9. | Original/In English | ISI |
| 54 | Ajami S, Ahmadi G, Saghaeiannejad-Isfahani S, Etemadifar M. A Comparative Study on iMed© and European Database for Multiple Sclerosis to Propose a Common Language of Multiple Sclerosis Data Elements. Journal of Education and Health Promotion 2014;3:107. | Original/In English | PubMed |
| 53 | Ajami S, Lamoochi P. Comparative Study on National Burn Registry in America, England, Australia, and Iran. Journal of Education and Health Promotion 2014;3:84. | Original/In English | PubMed |

| # | Name of authors /Title of Article/ Journal/Year;Vol: No:pp | Type of article /Language | Index |
|---|---|---|---|
| 52 | Ajami S, Rajabzadeh A, Ketabi S.A Review on Influencing Criteria for Selecting Supplier of Information Technology Services in the Hospital. Journal of Education & Health Promotion 2014;3:108. | Review /In English | PubMed |

**3.1 Journal Publications** Continue

| # | Name of authors /Title of Article/ Journal/Year;Vol: No:pp | Type of article /Language | Index |
|---|---|---|---|
| 51 | Ajami S, Ahmadi G, EtemadifarM. Multiple Sclerosis Management and Role of Information System. Journal of Research in Medical Sciences 2014;19(12): 1175-84. | Review /In English | ISI |
| 50 | Ajami S, Mellat-Karkevandi Z .The Advantages and Barriers to Implement Substance Dependence Treatment Information System (SDTIS). Journal of Research in Medical Sciences 2015;20:1105-11. | Review /In English | ISI |
| 49 | Ajami S, Arab-Chadegani R.The Effects of Applying Information Technology on Job Empowerment Dimensions. Journal of Education and Health Promotion | Review /In English | PubMed |
| 48 | Ajami S, Askarianzadeh M, Saghaeiannejad-Isfahani S, Mortazavi M, Ehteshami A .Comparative study on the National Renal Disease Registry (NRDR) in America, England, and Iran. Journal of Education and Health Promotion 2014;3:56. | Original/In English | PubMed |
| 47 | Ajami S, Arzani birgani A.Fast Resuscitation and Care of the Burn Patients by Telemedicine. Journal of Research in Medical Sciences 2014; 19(6): 562-6. | Review /In English | ISI |
| 46 | Ajami S, Mellat-Karkevandi Z, Saghaeiannejad-Isfahani S, Salehi M, Jahanbakhsh M.A Comparison of Substance Dependence Treatment Information System (SDTIS) in America, England, and Iran. Journal of Education and Health Promotion 2014; 3:17 | Original/In English | PubMed-ISC |
| 45 | Ajami S, Rajabzadeh A.The role of Radio Frequency Identification (RFID) technology in improving patient safety. Journal of Research in Medical Sciences2013;18(9):809-813: | Review /In English | ISI &PubMed |
| 44 | Adel Mehraban M, Hassanpour M, Yazdannik A, Ajami S.Technology concept in the view of Iranian nurses. Iran J Nurs Midwifery Res2013; 18(3): 202–207. | Original/In English | PubMed & ISI |
| 43 | Ajami S, Bagheri-Tadi T. Barriers for Adopting Electronic Health Records (EHRs) by Physicians. Acta Inform Med2013; 21(2): 129-134. | Review /In English | PubMed-ISC |
| 42 | Ajami S, Amini F.Evaluate the Ability of Clinical Decision Support Systems (CDSSs) to Improve Clinical Practice . Medical Archives journal 2013; 67(2): 126-130 | Review /In English | PubMed-ISC |
| 41 | Ajami S, Movahedi F.Adornment system (5S) in the Healthcare; the Islam Viewpoint. Health Information Management Health Information Management 2013; 9(6): 929-941 | Review/ in Persian | ISC |
| 40 | Ajami S, Amini F .Reduce Medication Errors with Clinical Decision Support Systems. J Inform Tech Soft Engg 2013; S7 | Editorial /In English | EBSCO & Proquest |
| 39 | Ajami S, Lamoochi P .Applying Telemedicine during Disasters. J Inform Tech Soft Engg 2013; S7. doi:10.4172/2165-7866.S7-e005 | Editorial /In English | EBSCO & Proquest |
| 38 | Ajami S, Arab-Chadegani R .What are the Most Important Barriers to Implement Radio Frequency Identification Device (RFID) in Healthcare System? J Inform Tech Soft Engg 2013; S7 doi:10.4172/2165-7866.S7-e004 | Editorial /In English | EBSCO & Proquest |
| 37 | Ajami S, Bagheri-Tadi T .Health Information Technology and Quality of Care. J Inform Tech Soft Engg 2013; S7:e003. doi:10.4172/2165-7866.S7- e003 | Editorial /In English | EBSCO & Proquest |

| # | Name of authors /Title of Article/ Journal/Year;Vol: No:pp | Type of article /Language | Index |
|---|---|---|---|
| 36 | Ajami S, Arzani-Birgani A .The Use of Telemedicine to Treat Prisoners. J Inform Tech Soft Engg 2013; S7doi:10.4172/2165-7866.S7-e002 | Editorial /In English | EBSCO & Proquest |

**3.1    Journal Publications** Continue

| # | Name of authors /Title of Article/ Journal/Year;Vol: No:pp | Type of article /Language | Index |
|---|---|---|---|
| 35 | Ajami S, Torabian F .Mobile Technology in Healthcare. J Inform Tech Soft Engg 2013; S7. doi:10.4172/2165-7866.S7-e006 | Editorial /In English | EBSCO & Proquest |
| 34 | Ajami S, Carter MW .The Advantages and Disadvantages of Radio Frequency Identification (RFID) in Healthcare Centers; Approach in Emergency Room (ER). *Pakistan Journal of Medical Sciences*2013; 29(S): 432-436. | Review /In English | impact factor 0.161 ISI & PubMed |
| 33 | Ajami S, Ketabi S .Impact of Implementing Simulation on Idle and Service Time at Emergency Room. *Pakistan Journal of Medical Sciences*2013; 29(S): 423-426. | Original/ In English | impact factor 0.161 ISI |
| 32 | Ajami S, Movahedi F. Challenges of Author and Publisher in Scientific Journal. *Pakistan Journal of Medical Sciences*2013; 29(2): 432-436. | Review /In English | IF=0.16 ISI & PubMed |
| 31 | Ajami S, Ketabi S.Compare Two Methods of "Research Seminar" course training in Medical Records Education. Journal of Health Administration2013; 16(52): 47-57. | Original/in Persian | ISC |
| 30 | Ajami S, Lamoochi P.Use of Telemedicine in Disaster and Remote Places. Journal of Education and Health Promotion 2014;3:26 | Review /In English | PubMed |
| 29 | Ajami S, Arab-Chadegani R .Barriers to implement Electronic Health Records (EHRs). Acta Informatica Medica2013;21(3):208-213 | Review /In English | PubMed |
| 28 | Ajami S, Mohammadi Z.Training and its impact on Hospital Information System (HIS) success. Journal of Information Technology & Software Engineering2012;2(5): | Review /In English | EBSCO |
| 27 | Ajami S, Ketabi S, Bagherian H, Shortening Wait Time in Emergency Department of the Ayatollah-Kashani Hospital and Simulation. Journal of Health Administration 2013; 16(51): 84-94. | Original /in Persian | ISC |
| 26 | Ajami S, Ketabi S. Medical Records Departments and Multiple Criteria Decision Making .Health Information Management 2013;9(5): 697-711. | Original /in Persian | ISC |
| 25 | Ajami S, Ebadsichani A, Tofighi Sh, Tavakoli N. Medical Records Department and Balanced Scorecard Approach. Journal of Education and Health Promotion 2013; 2:7. | Original /In English | PubMed |
| 24 | Ajami S, Ketabi S, Sadeghian A, Saghaeinnejad-Isfahani S. Improving the Medical Records Department (MRD) Processes by Lean Management. Journal of Education and Health Promotion 2015 May 19;4:48. doi: 10.4103/2277-9531.157244 | Original /In English | PubMed |
| 23 | Ajami S .A Comparative study on Earthquake Information Management Systems (EIMS) in India, Afghanistan and Iran. Journal of Education and Health Promotion 2012;1:27 | Original /In English | PubMed |
| 22 | Ajami S, Ketabi S. Saghaeiannejad-Isfahani S, Heidari A .Requirements and areas associated with readiness assessment of electronic health records implementation. Journal of Health Administration 2012; 14 (46): 71-78. | Review /in Persian | ISC |
| 21 | Ajami S, Hosseini M. A comparative study on "Iran Health Population Information Management System" with United Nations Standards. Journal of Health Administration 2013; 16(50):18-30. | Original /in Persian | ISC |

| 20 | Ajami S, Ketabi S, Yarmohammadian MH, Bagherian H .Wait Time in Emergency Department (ED) Processes. Medical Archives journal 2012;66(1) : 34-38 | Original /In English | ISI/ PubMed/ MedLine |

**3.1    Journal Publications**  Continue

| # | Name of authors /Title of Article/ Journal/Year;Vol: No:pp | Type of article /Language | Index |
|---|---|---|---|
| 19 | Zarei J, Saghaiannejad J, Ajami S, Saidbakhsh S .A Survey on Using Computerized Medical Records in Selected Hospitals of Cities in Ahvaz, Isfahan and Shiraz . Health Information Management 2012; 8(6): 774-784. | Original/in Persian | ISC |
| 18 | Ajami S, Ketabi S, Saghaeiannejad Isfahani S, Heidari A. Readiness Assessment of Electronic Health Records Implementation. Acta Informatica Medica 2011; 19(4) : 224-227 | Review/In English | PubMed |
| 17 | Ajami S. Admission, Occupation and Teaching of Medical Records Graduates in Isfahan, Iran. Health Information Management 2011;8(5): 630-638. | Original/in Persian | ISC |
| 16 | Ghahnaviyeh H, Movahedi F, Yarmohamadian MH,Ajami S. Content and Citation Analysis of Articles Published in the Journal of "Health Information Management. Health Information Management 2011; 8(1): 86-96. | Original/in Persian | ISC |
| 15 | Gordanshekan M, Yarmohammadian MH, Ajami S.The Effect of Teaching Meta-cognition Package on Self-Directed Learning in Medical Records Students of Isfahan University of Medical Sciences. Iranian Journal of Medical Education 2010; 10(2):131-139 | Original/in Persian | ISC |
| 14 | Performance Evaluation of Medical Records Departments by Analytical Hierarchy Process (AHP) Approach in the Selected Hospitals in Isfahan. Journal of Medical Systems 2012; 36(3) : 1165-1171 | Original/In English | ISI & PubMed |
| 13 | Hosseini Sh,Yarmohammadian MH, Ajami S. The relationship between organizational culture & organizational of staffs in Isfahan Medical Sciences University. A quarterly Journal of Science & Research Islamic Azad University Khorasgan Branch 2009;6(21):101-116. | Original/in Persian | ISC |
| 12 | Ajami S, Fatahi M.The role of earthquake information management systems (EIMSs) in reducing destruction: A comparative study of Japan, Turkey and Iran . Disaster Prevention and Management 2009;18(2):  150-161 | Original/In English | ISI |
| 11 | Ajami S, Ketabi S. Bottlenecks on Discharge Process in Beheshti Hospital . Health Information Management 2008; 5(1),:35-43. | Original/in Persian | ISC |
| 10 | Ajami S, Kalbasi F, Kabiri M.The Application of Medical Records on Medical Research Projects through the Opinion of Isfahan city Educational Hospitals Researchers. Health Information Management 2007; 4(1):  71-79 | Original/in Persian | ISC |
| 9 | Ajami S, Ketabi S. An Analysis of Average Waiting Time of Patient Discharge Process at Kashani Hospital in Isfahan. Health Information Management 2007; 36(2) : 1-7. | Original/In English | ISI & PubMed |
| 8 | Ajami S, Tavakolimoghadam O.The Study of Information Management System of Medical Records Office in Kashani Hospital Based on the Existing Standard. Health Information Management2006; 3(1):83-92. | Original /in Persian | ISC |
| 7 | Ajami S.Role of Heroin Addiction Information Management System for preventing and curing.Journal of Homaye Salamat 2006; 7(2): 15-18. | Original /in Persian | ISC |
| 6 | Rastegari HA, Ajami S.An Overview of the Management of a Crisis. Health Information Management 2005; 2(1):73 | Reviewed /in Persian | ISC |
| 5 | Ajami S.The role of Information Management in Rendering Health Care in Disasters. Journal of Homaye Salamat 2005; 4(1):11 | Original /in Persian | ISC |

| 4 | Ajami S.e Health; Strengths and Weaknesses: Journal of Iranian Medical Records Association 2005; 4(2) : 23-24 | Editorial/in Persian | |

| 3.1 | **Journal Publications** Continue | | |
| # | **Name of authors /Title of Article/ Journal/Year;Vol: No:pp** | **Type of article /Language** | **Index** |
| 3 | Ebadi Fard Azar F, Tofighi Sh, Bashar Doost N, Ajami S .A Comparative Survey on Mortality Information Management System (MIMS) in, United States of America, England, New Zealand and Iran and proposing a Suitable MIMS Model for Iran. Qazvin University of Medical Sciences & Health Services 2004; 8(32):80-88 | Original /in Persian | ISC |
| 2 | Ajami S.A Study on the Methods and Rules about Registration, Completion, Issuance and Collection of Death Certificates in Isfahan Province. Information and Management in Health. 2004; 1(1): 21-27. | Original/in Persian | ISC |
| 1 | Ajami S,A Survey on Managers and Administrators Attitude about Utilization of Medical Records to Evaluate Physicians' Performance. Sheikhbahaee Research Journal 2003; 2(1): 138-139 | Original/in Persian | ------------ |

| **Procedia in ISI** | | | |
| # | **Title** | **Place** | **Citation** | **Colleagues** |
|---|---|---|---|---|
| 1 | Evaluating the Production of Science in the Field of "Health Information Management" in Iran | 3rd International Conference on Information Management and Evaluation (ICIME) Location: Atilim Univ, Performance Management & Applicat Res Ctr, Ankara, Turkey Date: APR 16-17, 2012 | *Proceedings* will be published on-line in Elsevier's *Procedia* Social and ... Pages: 317-321 Published: 2012 | Yarmohammadian, Mohammad; Ghahnaviyeh, Hassan; Movahedi, Farideh; Ajami,Sima |
| 2 | Waiting time in emergency department by simulation | Victoria, Canada | Studies in health technology and informatics Volume: **164** Pages: **196-200** Published: **2011** | Sima Ajami; Ketabi, Saeedeh; Yarmohammadian, Mohammad H; Bagherian Hossain |
| 3 | Women's success factors for leadership in higher education | 3rd World Conference on Educational Sciences (WCES) Location: Bahcesehir Univ, Istanbul, Turkey Date: FEB 03-07, 2011 | 3RD WORLD CONFERENCE ON EDUCATIONAL SCIENCES (2011) Book Series: Procedia Social and Behavioral Sciences Volume: 15 DOI: 10.1016/j.sbspro.2011.04.349 Published: 2011 | Shahtalebi, Somaye; Yarmohammadian, Mohammad Hossein; Ajami, Sima |

**3.2 Books, Chapters in Books**

| # | Title | Type | Year |
|---|-------|------|------|
| 8 | Educational Book in Research Methods in Health Information Technology (ebook)in Persian | Book | 2014 |
| 7 | Educational Book: Usage of Information and Communication Technologies in Health(ebook) in Persian | Book | 2014 |
| 6 | Approaches to Disaster Management - Examining the Implications of Hazards, Emergencies and Disasters. Chapter:The Role of Earthquake Information Management System to Reduce Destruction in Disasters with Earthquake Approach. In Dr. John Tiefenbacher (Ed), INTECH, Croatia. 2013.131-144. | Chapter | 2013 |
| 5 | Documentation in Forensic Nursing; in Persian | Chapter | 2009 |
| 4 | The Medical Records as a Forensic Resource; in Persian | Chapter | 2008 |
| 3 | Principles of Disaster Management; in Persian | Chapter | 2007 |
| 2 | Death Certification Issuance, Why & How? In Persian | Book | 2004 |
| 1 | Guide for International Classification of Diseases (9th version) in Persian | Book | 1995 |

**References Upon Request**