

# Curriculumm Vita

## Mohammad-Esmaeil Akbari

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### CONTACT DETAILES

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## Current Positions

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- Professor of Surgical Oncology, Shahid Beheshti University of Medical Sciences (SBUMS). Tehran I.R. Iran
- Head of Cancer Research Centre (CRC), SBUMS, Tehran.
- Member of Board EURAMA (Europa-Asian Breast Cancer Association) and Focal point of the association in Iran.
- Editor in chief of International Journal of Cancer Management (IJCM).
- Head of Comprehensive Cancer Control Centre (CCCC).
- Minister's High Adviser on Socialization of the Health System.
- Membership of the Iranian Drug List.
- Member of the National Committee on Cancer Control of the Islamic Republic of IRAN.
- Member of Specialized Surgical Committee of Forensic Medicine General Department of Tehran Province (2 Years).
- Member of Research Council of Shahid Beheshti University of Medical Sciences.
- Member of Disease Registration Department of Shahid Beheshti University of Medical Sciences.
- Staff Writer of Online Magazine: Supportive and Palliative Care in Cancer (one year).
- Member of Strategic Health Council of Tehran.
- President of Iranian Association of Medical Education.
- Director of "Comprehensive Organisation Advisory Community Health (COACH)" institute (NGOs), Iran (since initiation 2005).
- Founder and President of the Association of Medical Education of the Islamic Republic of Iran.
- Member of the Islamic Association of Isfahan Medical University from revolution till now.
- Member of Iranian and the American Association of Surgeons.
- President of the Association of World No Tobacco.

- Khordad Foundation's scientific adviser.
- Member of the Supreme Council for medical education.
- Member of the Islamic Association of Isfahan before the revolution.
- Chancellor of Isfahan Medical Sciences (5 years).
- Founding member of the Association of Youth and Religion Toyserkan from 1344 AD to the revolution (staff of this committee are often trusted members of regime).
- Advisor to the World Health Organization for medical care.
- Head of the Clinical Research Committee (two terms).
- Advisor to the Minister and responsible for Community Oriented Medical Education (2 years).
- President of the Isfahan Regional Health Organization (2years).
- President of Shariati Hospital (2 years).
- Vice President and Consultant of the Isfahan University of Medicine (4 years).
- Head of the COACH Institute.
- Managing Director of Esfahan Blood Transfusion (8 years).
- Professor of Shahid Beheshti University of Medical Sciences.
- Member of the Board of Trustees of Isfahan and Hamadan University of Medical Sciences.
- Vice Minister of Health and Medical Education (8years).
- Member of Cancer Control Committee, Ministry of Health and Medical Education (MOH&ME).

## EDUCATION

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- 1979 till now many courses, workshops, on cancer surgery, endoscopic evaluation, Oncoplastic Surgery, Sentinel Node Biopsy (SLNB), Intra Operative Radiation Therapy (IORT).

Also more than 100 course, workshops, meeting, regarding; public health management, medical education, health economy, psychosocial and spiritual care.

- 2012 IORT, Oncoplastic Surgery, workshops at IEO, ISIORT, Italy.

- 2004, PhD student in medical education, the university of Dandy, England, UK.
- 2002 workshop on Sentinel Node Biopsy, UCL London UK.
- 1992, Surgical Oncology (fellowship), the University of Johns Hopkins, USA.
- 1984, Endoscopy training Course, Medical school, the university of Kyoto, Japan.
- 1984, Reconstructive surgery (fellowship), the university of Iran, Tehran, Iran.
- 1980, Thorax surgery (fellowship), the Isfahan university of medical sciences, Iran.
- 1980 workshop on Medical Education, Shiraz University I.R.Iran.
- 1979, General surgery, the Isfahan university of medical sciences, Iran.
- 1974, General Practitioner, Faculty of medicine, Isfahan university of medical sciences, Iran.

## WORK HISTORY

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- Full Professor of Surgery, SBUMS, Tehran I.R.Iran
- Chairman and editor in Chief of “International Journal of Cancer Management (IJCM).”, Iran (since initiation - 2008).
- Member of the Iranian Cancer Association, Iran (since Initiation -2007).
- Member of editorial board of American Journal of Cancer Therapy and Pharmacology (since Oct. 2012).
- Representative of the Shahid Beheshti University of Medical Sciences in the Social and Wellbeing administration, Tehran, Iran (since 2006).
- Head of Cancer Research Centre, the Shahid Beheshti University of Medical Sciences, Tehran, Iran (since initiation 2005).
- Member of the "Surveillance Regional Advisory Group (SRAG)", World Health Organization, Cairo, Egypt (since 2005-2010).
- Board director of the “Tobacco Free Life Association”, Iran (since initiation-2005).
- Director of "Comprehensive Organisation Advisory Community Health (COACH)" institute (NGOs), Iran (since initiation 2005).

- Academic board university member, public health school, the Shahid Beheshti University of Medical Sciences, Tehran, Iran (2005 up to now).
- Initiation of Programmes for Control of Communicable Diseases (ex; Measeles and Rubella) in Iran (2003).
- In charge of launching Integrated Health Network in Non Communicable Diseases, Iran (2002-2003).
- In charge of Cancer Registry System in Iran (2002).
- Director of Iranian medical education association, Tehran, Iran (since initiation - 1992).
- Advisor of the "Non Communicable Diseases Integration Programme", World Health Organization, Cairo, Egypt (2001-2005).
- Member of editorial board of the Iranian Journal of Medical Education, Iran (since 2001).
- Academic board member of the Isfahan University of Medical Sciences, Isfahan, Iran (2000-2008).
- Academic board member of the Hamadan University of Medical Sciences, Hamedan, Iran (2000-2008).
- Professor of Surgical Oncology, the Shahid Beheshti University of Medical Sciences, Tehran, Iran (2000-up to now).
- Member of editorial board of "Hakim Journal", Iran (since 1999).
- Chief committee of the Iranian Clinical Research, Iran (1998-2001).
- Committee member of policy making in medical education system, Iran (1997-2006).
- Member of Alborz Holding Company Steering Committee, Tehran, Iran (1997-2007).
- Member board of medical education, Ministry of Health and Medical Education, Iran (1995-2005).
- Deputy of the Ministry of Health and Medical Education, Iran (1995-1997 and 2000-2006).

- Technical advisor of charity organization, “15th Khordad”, Tehran, Iran (since 1994).
- Associated professor of surgery, the Shahid Beheshti University of Medical Sciences (1993-2000).
- Chief of the Iranian Medical Education Institute, Tehran, Iran (1993-1995).
- Advisor of the Ministry of health and medical education, in Community Oriented Medical Education (COME), Iran (1993-1995).
- Member board of the "American Surgeons Association", USA (since 1992).
- Associated professor of surgery, the Isfahan University of Medical sciences, (1991-1993).
- Broad director of the Iranian Medical Education Association, Tehran, Iran (1990-1998).
- Executive manager of health administration, Isfahan, Iran (1990-1991).
- Health Director of Esfahan province, Esfahan, Iran (1989-1991).
- Director of the Shariati hospital, Isfahan, Iran (1987-1989).
- Member board of surgery, Ministry of Health and Medical Education, Iran (1986-2004).
- Chancellor of the Isfahan University of Medical Sciences, Isfahan, Iran (1985-1989).
- Member board of the "Iranian's Surgeons Association", Iran (since 1984).
- Member of national board, the Iranian Surgeons’ Association, Iran (since Initiation 1984).
- Assistant professor of surgery, the Isfahan University of Medical Sciences, (1982-1991).
- Executive manager and member of the charity Initiation Khomeini hospital, Esfahan, Iran (since 1980).
- Executive health director and therapeutic affaires of the Isfahan province, Isfahan, Iran (1979-1982).
- Member of national board, Medical Education Society, Iran (since Initiation until now).
- Member of the Islamic Physicians’ Association, Iran (since Initiation until now).

- Executive of the “Blood Transfusion Organisation”, Tehran, Iran (1976-1992).

## **TEACHING AND TUTORING EXPERIENCES**

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- Teaching in health management courses, school of public health, university of the Shahid Beheshti, Tehran, 1998 till now.
- Teaching in oncology surgery courses, SBUMS medical school, Tehran/Iran, 1994 till now.
- Teaching in thoracic surgery courses, Isfahan and Shahid Beheshti, Universities of Medical Sciences, Isfahan and Tehran, Iran, 1984 till now.
- Teaching in breast surgery courses, universities of the Shahid Beheshti, medical school, Tehran/Iran, 1981 till now.
- Teaching in SLNB in malignancies as workshops.
- Teaching for Intra Operative Radiation Therapy(IORT)
- Teaching in social medicine in health policy and healthy management (Ministry of health and medical education), all over the country and more, Tehran/Iran, 1981 till now.

- Teaching in general surgery courses, Isfahan and Shahid Beheshti, universities of Medical Sciences, Isfahan, Tehran/Iran, 1979 till now.
- Teaching in comprehensive cancer control, in particular spirituality and psycho social aspect.
- Teaching in health policy and health management.( more than 110 workshops)
- Teaching in Community Oriented Medical Education( more than 120 workshops)
- Teaching workshops in Breast Surgery, Breast cancer management, Oncoplastic surgery, palliation therapy, psycho socio spiritual care of cancer patients.

### **Skills / Abilities**

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- Thoracic surgery
- Oncology Surgery
- Breast Surgery
- Medical Care in Breast Cancer
- Reconstructive surgery
- Sentinel lymph node biopsy
- IORT management.
- Medical Education
- Health policy and Management
- Health Economy

### **Research Interests**

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- Cancer Research (Comprehensive Cancer Researches such as clinical ,molecular and social determinants)
- Supportive care in cancers
- Psychosocial aspect of health
- Spiritual aspect of health
- Health Technology Assessment (HTA) and preparing guidelines
- Epidemiology and surveillance studies in cancers
- Surgery in cancer management
- Screening tool in cancer detection
- Appropriate sites in medical education and health care
- Public health and health management systems
- Spirituality and medical education

## RESEARCH EXPERINCES

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### Latest Research

- Margin status and DFS and OS in BCS in breast cancer patients, 2011 CRC Iran
- Modelling of mapping for multi variation of diseases, 2011, CRC, Iran.
- Assessment of Nutritional Status of Cancer Patients using PG-SGA tool, CRC, 2011, CRC, Iran.
- Home care assessment and utilization for cancer cases regarding their needs. CRC, Iran.
- Relativeness of life style and satisfaction with breast cancer, 2011, CRC Iran
- Fish test and IHC utility in breast cancer cases, CRC Iran 2011
- Ethnicity and Geographical effect on Incidence and survival of malignancies in Iran, 2004-2010.CRC Iran.
- Copping skill education effect on reducing distress in breast cancer patients, CRC, 2011, Iran.

- Four subject Psychotherapy effect on reducing distress in breast cancer -cases, 2011. CRC Iran.
- Evaluation of Risk factors for lymph node positivity in breast cancer patients, Cancer Research Centre, 2010, Iran.
- Surveillance study of Thyroid cancer in Iran, Cancer Research Centre, 2010, Iran.
- Surveillance study of prostate cancer in Iran, Cancer Research Centre, 2010, Iran.
- Comparative study of two surgical methods of breast cancers (MRM and BCS): Review of ten years study in the two clinic centres of Shahid Beheshti medical university, National Cancer Research Centre, 2010, Iran.
- Assessing of side effect of Gaba-pantine medicine in neuropathy symptoms and pain of patients with “Taxan” Chemotherapy medicine, National Cancer Research Centre, Pars pharmacy co. 2010, Iran.
- Spiritual study: effectiveness of education to improve of happiness, hopeful, and life expectancy in breast cancer women under observe of Cancer Research Centre, National Cancer Research Centre, 2010, Iran.
- Assessing effect of religious believes in mental health of breast cancers women, National Cancer Research Centre, 2010, Iran.
- Study of Genes’ HER-2 amplified in breast cancer patients by FISH method, Cancer Research Centre and National Genetic Institute, 2010, Iran.
- Study of clinical, pathological and treatment attributes’ of breast cancer patients in oncology centre of Imam Hussein hospital in 10 years, Cancer Research Centre, 2010, Iran.
- Study of clinical, pathological and treatment attributes’ of stomach cancer patients in oncology centre of Imam Hussein hospital in 10 years, Cancer Research Centre, 2010, Iran.
- Study of clinical, pathological and treatment attributes’ of colorectal cancer patients in oncology centre of Imam Hussein hospital in 10 years, Cancer Research Centre, 2010, Iran.

- False Positive and Negative Reports of Mammography and Sonography results of breast cancer patients, Cancer Research Centre, 2010, Iran.
- Association of HER-2,ER,PR biomarkers' in surveillance of breast cancer patients, Cancer Research Centre, 2010, Iran.
- Accessioning psychological disorders in young people with breast cancers, Cancer Research Centre, 2010, Iran.
- Efficacy of anti-cancer medicines in stomach and breast cancers, Cancer Research Centre, 2010, Iran.
- Assessing risk of lipid intake and lutein serum in incidence of breast cancer, National Food Research Institute of Shahid Beheshti University, 2010, Iran.
- Assessing effect of Gabapentine in chemotherapy of cancers' patients, National Cancer Research Centre, 2007, Iran.
- Epidemiology study of traffic accidents in Kerman province, Shahid Beheshti medical science university, Medical school, 2006, Iran.
- Creation of computerise model of diagnostic mammography test in breast cancer, Shahid Beheshti medical science university, Medical school, 2006, Iran.
- Effect of endogenous inhibitors (c-erb B2) in breast cancer patients, Cancer Research Centre, 2005, Iran.
- Assessing psychos- social determinants in survival of cancers patients, Cancer Research Centre, 2004, Iran.
- Correlation measuring of tumour markers and prognostic components in staging breast cancer patients CAI5-3, CEA, Shahid Beheshti university of medical science, Medical school, 2003, Iran.
- Measuring fatigue, and related components in women with breast cancer, Shahid Beheshti medical science university, Medical school, 2002, Iran.
- Assessing association of Tamoxifen utilizes and thyroid tests, Shahid Beheshti medical science university, Medical school, 2002, Iran.
- Assessing molecular oncogenes in construction of breast cancer, Shahid Beheshti medical sciences university, Medical school, 2001, Iran.

- Epidemiology study of addiction in surgical ward patients in Shahid Beheshti hospitals, Shahid Beheshti medical science university, Medical school, 1998, Iran.
- Assessing utilisation of health services in different level of urban health centres in Isfahan province, Isfahan university of medical science, 1998, Iran.
- Measuring health education effects in infection preventive by dentist staffs, Shahid Beheshti medical science university, Medical school, 1996, Iran.
- Measuring status of intensive oncogenes in breast cancer patients in Iran, Shahid Beheshti University of Medical Science, Medical School, 1996, Iran.

## PUBLICATIONS

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### ARTICLES

- 1 Mirzaei M, **Akbari ME**, Mohagheghi MA, Ziaee SAM, Mohseni M. A Novel Biocompatible Nanoprobe Based on Lipoproteins for Breast Cancer Cell Imaging. *Nanomedicine Journal*. 2019.
- 2 Akbari M, Nabatzade M, Azargashb E, Nafissi N, Haghightakhah HR, Moayeri H, Shakeri J, Nabatzade R, Nabatzade M, Zoghipour S, Najafizade S, Najafizade A, **Akbari ME**. Evaluation of Clinical Assessment, Mammography, and Ultrasonography in Diagnosis of Benign and Malignant Breast Lesions and Determining Their Cost-Effectiveness. *International Journal of Cancer Management*. 2019.
- 3 **Osmani F**, **Hajizadeh E**, **Rasekhi A**, **Akbari ME** .Prognostic factors associated with locoronal relapses, metastatic relapses, and death among women with breast cancer. Population-based cohort study .*The Breast*. 2019.
- 4 Khodabakhshi A, **Akbari ME**, Mirzaei HR, Mehrad-Majd H, Kalamian M, Davoodi SH. Feasibility, Safety, and Beneficial Effects of MCT-Based

- Ketogenic Diet for Breast Cancer Treatment: A Randomized Controlled Trial Study. *Nutrition and Cancer*. 2019.
- 5 Group Authors. Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017A Systematic Analysis for the Global Burden of Disease Study. *JAMA Oncology*. 2019.
  - 6 Moayeri H, **Akbari ME**, Nafissi N, Mahdavi SR, Mirzaei HR, Azam Salati A, Khayamzade M, Shormeij Z, Shakeri J, Nabatzadeh M, Shahani M, Kiaee M, Noorian S. Outcomes of Breast Cancer (Invasive Lobular and Ductal Carcinoma) Treated with Boost Intraoperative Electron Radiotherapy Versus Conventional External Beam Radiotherapy. *International Journal of Cancer Management*. 2019.
  - 7 Moini N, Nafissi N, Babae E, Mirzaei HR, **Akbari ME**. Comparing the Outcome of Boost Dose of Intraoperative Radiotherapy with Electron (IOERT) and Low-kV X-Ray (IOXRT) and External Beam Radiotherapy (EBRT) in Breast Cancer After Neoadjuvant Chemotherapy. *International Journal of Cancer Management*. 2019.
  - 8 Azari MR, **Akbari ME**, Abdollahi, MB, Mirzaei HR, Sahlabadi AS, Tabibi R, Rahmati A, Panahi D, Biological monitoring of the oncology healthcare staff exposed to cyclophosphamide in two hospitals in Tehran. *International Journal of Cancer Management*. 2019.
  - 9 Mousavi SR, **Akbari ME**, Zarrintan S. Vascularized gastroepiploic lymph node transfer significantly improves breast cancer-related lymphedema. *JOURNAL OF SURGICAL ONCOLOGY*. 2019.
  - 10 Nafissi N, Farahzadi A, Zeinali Z, Mirzaei H, Moayeri H, Salati A, **Akbari ME**. Breast Conserving Surgery and Intraoperative Electron Radiotherapy (IOERT) Among Cases of Ductal Carcinoma In Situ. *Archives of Breast Cancer*. 2019.
  - 11 Akbari A, Khayamzadeh M, Salmanian R, Ghanbari Motlagh A, Roshandel G, Nouri M, **Akbari ME**. National cancer mortality-to-incidence ratio (MIR) in Iran (2005-2014). *International Journal of Cancer Management*. 2019.
  - 12 Kazemian E, Amouzegar A, **Akbari ME**, Moradi N, Gharibzadeh S, Jamshidi-Naeini Y, Khademolmele M, As-Habi A, Davoodi SH. Vitamin D receptor gene polymorphisms affecting changes in visceral fat, waist circumference and lipid profile in breast cancer survivors supplemented with vitamin D3. *Lipids in Health and Disease*. 2019.
  - 13 Kazemian E, **Akbari ME**, Moradi N, Gharibzadeh S, Mondul AM, Jamshidi-Naeini Y, Khademolmele M, Zarins KR, Ghodoosi N, Amouzegar A, Davoodi SH, Rozek LS. Vitamin D receptor genetic variation and cancer biomarkers among breast cancer

patients supplemented with vitamin D3: A single-arm non-randomized before and after trial. *Nutrients*. 2019.

- 14 Sadeghi M, Vahid F, Rahmani D, **Akbari ME**, Davoodi SH. The Association between Dietary Patterns and Breast Cancer Pathobiological Factors Progesterone Receptor (PR) and Estrogen Receptors (ER): New Findings from Iranian Case-Control Study. *Nutrition and Cancer*. 2019.
- 15 Doaei S, Mosavi-Jarrahi AR, **Akbari ME**, Akbari s, Rezaei S, Feradova H, Gholamalizadeh M. Dietary carbohydrate promotes cell survival in cancer via the up-regulation of fat mass and obesity-associated gene expression level. *Malaysian Journal of Medical Sciences*. 2019.
- 16 Hafizi M, Soleimani M, Noorian S, Kalanaky S, Fakharzadeh S, Tavakolpoor Saleh N, Nazaran MH, **Akbari ME**. Effects of BCc1 nanoparticle and its mixture with doxorubicin on survival of murine 4T1 tumor model. *ONCOTARGETS AND THERAPY*. 2019.
- 17 Hafizi M, Kalanaky S, Moaiery H, Khayamzadeh M, Noorian S, Kaveh V, Gharib B, Foudazi H, Razavi M, Jenabian A, Salimi S, Sereshki MMA, Mirzaei HR, Zarghi A, Fakharzadeh S, Nazaran MH, **Akbari ME**. A randomized, double blind, placebo controlled investigation of BCc1 nanomedicine effect on survival and quality of life in metastatic and non-metastatic gastric cancer patients. *Journal of Nanobiotechnology*. 2019.
- 18 Tajabadi Z, **Akbari ME**, Hafez AA. Physical activity and gastrointestinal cancer risk: A review. *Acta Medica Bulgarica*. 2019.
- 19 Akbari S, Dortaj F, Ranjgar B, **Akbari ME**. The Effect of Personality, Social Support, and Life Events on Overall Survival in Breast Cancer. *International Journal of Cancer Management*. 2019.
- 20 Mehrvar N, **Akbari ME**, Rezvany MR, Abolghasemi H, Saberynejad J, Mehrvar A, Faranoush M, Keramatinia AA, Shekarriz-Foumani R, Movafagh A. ATP-Binding Cassette transporters' gene expression in pediatric patients with acute leukemia; a comprehensive analysis of published reports through PubMed search engine. *Cellular and molecular biology (Noisy-le-Grand, France)*. 2019.
- 21 Baghani HR, Robotjazi M, Mahdavi SR, Nafissi N, **Akbari ME**. Breast intraoperative electron radiotherapy: Image-based setup verification and in-vivo dosimetry. *Physica Medica*. 2019.
- 22 Taheri M, Tavakol M, **Akbari ME**, Anoshirvani AA, Aghabozorgi R, Almasi-Hashiani A, Abbasi M. Socioeconomic inequalities in metastasis, recurrence, stage and grade of breast cancer: a hospital-based retrospective cohort study. *J Prev Med Hyg*. 2019.

- 23 Taheri M , Abbasi M, **Akbari ME**, Almasi-Hashiani A, Tavakol M. Decomposition of Socioeconomic Inequalities in Metastasis, Recurrence, Stage, Grade, and Self-Rated Health of Gastrointestinal Cancer Patients. *International Journal of Cancer Management*. 2019.
- 24 Taheri M, Tavakol M, **Akbari ME**, Almasi-Hashiani A, Abbasi M .Relationship of socio economic status, income, and education with the survival rate of breast cancer: A meta-analysis. *Iranian Journal of Public Health*. 2019.
- 25 Taheri M, Tavakol M, **Akbari ME**, Almasi-Hashiani A, Abbasi M. Associations of demographic, socioeconomic, self-rated health, and metastasis in colorectal cancer in Iran. *Medical Journal of the Islamic Republic of Iran*. 2019.
- 26 Taheri M, Abbasi M, **Akbari ME**, Almasi-Hashiani A, Tavakol M. Socioeconomic Inequalities in Metastasis, Recurrence, Stage, Grade, and Self-Rated Health of Gastrointestinal Cancer Patients. *International Journal of Cancer Management*. 2019.
- 27 Taheri M, Tavakol M, **Akbari ME**, Mohammadbeigi A, Abbasi M. Socio-economic status inequity in self rated health in patients with breast cancer. *Open Access Macedonian Journal of Medical Sciences*. 2019.
- 28 Moosavi S, Rohani C, Borhani F, **Akbari ME**. Factors affecting spiritual care practices of oncology nurses: a qualitative study. *SUPPORTIVE CARE IN CANCER*. 2019.
- 29 Moosavi S, Rohani C, Borhani F, **Akbari ME**. Consequences of Spiritual Care for Cancer Patients and Oncology Nurses: A Qualitative Study. *Asia-Pacific Journal of Oncology Nursing*. 2019.
- 30 Kargar Shaker Langaroodi R, Abtahi SMM, **Akbari ME**. Cancer Patients: A Qualitative Study. *Radiation Physics and Chemistry*. 2019.
- 31 Kargar Shaker Langaroodi R, Abtahi SMM, **Akbari ME**. Investigation of the radiological properties of various phantoms for their application in low energy X-rays dosimetry. *Radiation Physics and Chemistry*. 2019: 157: 33-39.
- 32 Ansari M, Rassouli M, **Akbari ME**, Abbaszadeh A, Akbarisari, Haghightat S. Process Challenges in Palliative Care for Cancer Patients: A Qualitative Study. *Middle East Journal of Cancer*. 2019.
- 33 Ariana M, Pornour M, Mehr SS, Vaseghi H, Ganji SM, Alivand MR, Salari M, **Akbari ME**. prevention effects of oxytocin and oxytocin receptor in breast cancer pathogenesis. *Personalized Medicine*. 2019. 16(1):25-34.

- 34 Murray CJL, Callender CSKH, Kulikoff XR, Srinivasan V, Abate D, ..., **Akbari ME**, ... .Population and fertility by age and sex for 195 countries and territories, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. The Lancet. 2018.
- 35 Lozano R, Fullman N, Abate D, Abay SM, Abbafati C, Abbasi N, ..., **Akbari ME**, ... . Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. The Lancet. 2018.
- 36 Dicker D, Nguyen G, Abate D, Abate KH, Abay SM, ... , Akanda AS, **Akbari ME**, ... . Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: A systematic analysis for the Global Burden of Disease Study 2017. The Lancet. 2018.
- 37 Roth GA, Abate D, Abate KH, Abay SM, Abbafati C, Abbasi N, Abbastabar H, ..., **Akbari ME**, ... . Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017. The Lancet. 2018.
- 38 Stanaway JD, Afshin A, Gakidou E, Lim SS, Abate D, Abate KH, Abbafati C, Abbasi N , ..., **Akbari ME**, ... . Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: A systematic analysis for the Global Burden of Disease Study 2017. The Lancet. 2018.
- 39 Salati A, **Akbari ME**, Nafissi N, Noorian S, Mahdavi SR, Mirzaei HR, Moayeri H, Shormeij Z, Tutuni M, Saberi N, Shahani M. Comparison of outcome between invasive lobular carcinoma (ILC) and invasive ductal carcinoma (IDC) patients treating with breast conserving surgery (BCS) and radical dose of intraoperative electron radiotherapy (IOERT). International Journal of Cancer Management. 2018.
- 40 Keramatnia A, Mohseny M, **Akbari ME**, Mosavi-Jarrahi A, Davoudi Monfared E, Amanpour F, Bahadori Monfared A, Amiri P, Khayamzadeh M, Khoshbin Khoshnazar TA, Abbaszadeh HA, Mehrvar A, Mazloumi Z, Movafagh A. Determinants of survival of common childhood cancers in Iran. Journal of Research in Medical Sciences. 2018.
- 41 A Movafagh1, **ME Akbari**, M Mohseny, AM Jarrahi, A Mehrvar, ED Monfared, F Amanpour, HA Abbaszadeh, K Abachizadeh, P. Amiri, A Keramatnia. EPIDEMIOLOGIC AND DEMOGRAPHIC EVALUATION OF CANCERS IN CHILDREN, USING COX AND PARAMETRIC FRAILTY MODELS. Journal of Fundamental and Applied Sciences. 2018.



- 42 SarafranzMehr S, Saberian N, **Akbari ME**, ModarresiAsem F. A Study on the Effectiveness of Spiritual Intervention on Perception of God and Attitude toward Death in Women with Breast Cancer. *European Journal of Natural Sciences and Medicine*. 2018.
- 43 Meshkat M, Baghestani AR, Zayeri F, Khayamzadeh M, **Akbari ME**. Survival probability and prognostic factors of Iranian breast cancer patients using cure rate model. **BREAST JOURNAL**. 2018.
- 44 Ibrahimi M, Jamalzei B, **Akbari ME**, Ibrahimi R, Alaei M, Moossavi M, Mohammadoo-Khorasani M. Association between interleukin 4 (IL-4) VNTR, gene polymorphism, and breast cancer susceptibility in Iranian population: experimental and web base analysis. *Bratislava Medical Journal*. 2018.
- 45 Moosavi S, Rohani C, Borhani F, **Akbari ME**. Consequences of Spiritual Care for Cancer Patients and Oncology Nurses: a Qualitative Study. *Asia-Pacific Journal of Oncology Nursing*. 2018.
- 46 Doaei S, Hajiesmaeil M, Aminifard A, Mosavi-Jarrahi SA, **Akbari ME**, Gholamalizadeh M. effects of polymorphisms of metabolic enzymes on the association between red and proccrsed meat consumption and development of colon cancer; a literature review. *Journal of Nutritional Science*. 2018: 7(26).
- 47 Akbari H, **Akbari ME**. The Comparison of Three Components of Breast Cancer in Females With Cancer and Healthy Ones: Coping Styles, Psychological Capital, and Patience. *Multidisciplinary Cancer Investigation*. 2018.
- 48 Gholamalizadeh M, Doaei S, **Akbari ME**, Rezaei S, Mosavi Jarrahi A. Influence of Fat Mass and Obesity Associated Genotype Body Mass Index and Dietary Intake on Effects of Iroquois related Homeobox 3 Gene on Body Weight. *Chinese Medical Journal*. 2018.
- 49 Nafissi N, Faraji M, Hosseini M, Shojaee L, Ziaei F, **Akbari ME**, Mousavie SH. Relationships between Reproductive Risk Factors for Breast Cancer and Tumor Molecular Subtypes. *Asian Pac J Cancer Prev*. 2018: 27;19(7): 1767-1770.
- 50 Zeiyaie F, Nafissi N, Khayamzadeh M, Akbari A, **Akbari ME**. The Relationship of Reproductive Risk Factors and Histologic Patterns with Molecular Subtypes of Breast Cancer. *Int J Cancer Manag*. 2018.
- 51 Osmani F, Hajizadeh E, Rasekhi A, Akbari, ME. Analyzing Relationship Between Local and Metastasis Relapses with Survival of Patients with Breast Cancer: A Study Using Joint Frailty Model. *Int J Cancer Manag*. 2018: 11(12).
- 52 Keramatinia A, Ahadi A, **Akbari ME**, Mohseny M, Mosavi Jarrahi A, Bahadori-Monfared A, Hashemi M, Moradi A, Mehrvar N, Kazemi E, Movafagh A. The

- roles of DNA epigenetics and clinical significance in Chronic Myeloid Leukemia: a review. *Cell Mol Biol (Noisy-le-grand)*. 2018; 30;64(9):58-63.
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- Saeedeh Sarafraz Mehr, Narjes Saberian, Mohammad Esmaeil Akbari, Fatemeh Modarresi Asem. P297 Radical IORT: pros and cons; comparison of two trials ELIOT and TARGIT-A in breast cancer management. 2017.

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- M. Asadi Lari, Z. Madjd, **M.E. Akbari**, et al. (2010). Spiritual care, neglected aspect of health in cancer management. 5<sup>th</sup> International APOCP Conference, 3 to 7 April 2010, Istanbul, Turkey.
- A. Moradi, **M.E. Akbari**, M. Khayamzadeh, et al. (2010). Survival of Colorectal Cancer Patients in Iran. 5<sup>th</sup> European Multidisciplinary Colorectal Cancer Congress, 28-30 March 2010, Nice, France.
- **M.E. Akbari**, et al. (2010). Survival of Colorectal cancer in Iran .2<sup>nd</sup> conference on digestive oncology. 19-20 March, Cairo, Egypt.



- **M.E. Akbari**, et al. (2010). Gastric cancer prevalence according to survival data in Iran (National Study-2007).2<sup>nd</sup> conference on digestive oncology.19-20 March, Cairo, Egypt.
- **M.E. Akbari**, A. Motlagh, M. Khayamzadeh (2007). Iran Epidemiology of Gastro-Intestinal cancers: Annals of Oncology. World congress on G.I cancer, Jun 28-July 1, 2007 Barcelona, Spain.
- F Hashemi, **M.E. Akbari**, M Najafi, et al (2005). Association of P53 and Her/neu expression with lymph node: Status in breast cancer.4th world conference on breast cancer. June.12.2005 – Halifax, Novascotia, Canada.
- **Akbari M.E**, Ghassemi A, Twfigh M. (2004). Tamoxifen effect on Thyroid Function test.76<sup>th</sup> Annual meeting of the American thyroid Association. Friday 1 Oct 2004, Vancouver, Canada.
- **Akbari M.E** (2004). Comprehensive reproductive health program in the public sector. Aug 2004, Nepal.
- **Akbari M.E** (2004). Epidemiology of death from injuries in Iran. World Health Organisation.
- **M.E. Akbari** (2003). Health Transition due to changing health behaviours as social right of citizen. Regional consultation on health and behaviours. WHO meeting, Cairo 16 Dec 2003.
- **M.E. Akbari** (2003). Emergency Medicine status in the IRAN- Tehran. Medical Science University with collaboration of George Washington University (USA)-Tehran-March-2003.

- S Haghghat, A Montazeri, **M.E Akbari** (2002). Factors correlated with fatigue in breast cancer patient.3<sup>rd</sup> European Breast Cancer conference, 19-25 March 2002, Barcelona, Spain.
- S. Haghghat, M. Ansari, **M.E Akbari**, et al (2002). Complication of Tamoxifen in breast cancer patients.3<sup>rd</sup> European Breast Cancer Conference, 19-23 March 2002 Barcelona, Spain.
- **M.E. Akbari** (2002). Country report on population and poverty in Iran, 5<sup>th</sup> SCAP Conference, Bangkok, Thailand.

## NATIONAL CONFERENCE PRESENTATIONS

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- M.E Akbari. Breast Conserving Surgery (2010). A one day Breast cancer conference, Kerman University of Medical Sciences, Iran.
- M.E Akbari. Sentinel Lymph Node Biopsy (2010). A one day Breast cancer conference, Kerman University of Medical Sciences, Iran.
- Akbari ME. Breast Cancer risk Reduction by Parity and Breastfeeding, Islamic perspective; a case control study (2010).5<sup>th</sup> national breast cancer congress. Shahid Beheshti University of health and medical education, Iran.
- Akbari ME. Sentinel Lymph Node Biopsy, Modified approach (2009). 4<sup>th</sup> national breast cancer congress. Shahid Beheshti University of health and medical education, Iran.
- Akbari ME. Spiritual Care in Comprehensive Cancer Patient Management in Iran (2009). 2<sup>nd</sup> congress on Supportive and Palliative Care. Shahid Beheshti University of health and medical education, Iran.

- Akbari ME. Epidemiology of Head and Neck Malignancies in Iran (2009).1<sup>st</sup> Congress on Head and Neck Cancer. Shahid Beheshti University of health and medical education, Iran.
- Akbari ME. Epidemiological of Esophageal Cancer (2008). 3<sup>rd</sup> Iranian Congress of Digestive System Malignancies. Shahid Beheshti University of health and medical education, Iran.
- M.E Akbari and et al (2003). Prevention and early detection in cancers. National congress in cancers, Shahid Beheshti University of health and medical education, Iran.
- M.E Akbari, M. Naghavi (2003). Epidemiology study of burdens in Iran. 27<sup>th</sup> congress of the Iranian surgeons' society, Tehran, Iran.
- M.E Akbari, M. Naseri, A. Majd-Jabari (2003). Assessing tumour markers in breast cancer prognose with CAI5-3 and CEA. 27<sup>th</sup> congress of the Iranian surgeon's society, Tehran, Iran.
- M.E Akbari (2003). Bread as dominant nutrition component among Iranian people. Seminar in Ministry of health and medical education, Tehran, Iran.
- M.E Akbari (2003). Drugs dilemma in health, economy and culture aspects. Seminar in Ministry of health and medical education, Tehran, Iran.
- M.E Akbari, Nafissi N, et al (2002). Exhaust and effective components in breast cancer patients. 14<sup>th</sup> annual congress in breast tumours, Institute of cancer, Iran.

- M.E Akbari and et al (2002). Measurements of burn in patients and comparing with other injuries in Iran and the world. National burning congress, Iran University of health and medical education, Tehran, Iran.
- M.E Akbari (2002). The roles of healthy man in sustain developing: main components of development. Seminar in Ministry of health and medical education, Tehran, Iran.
- M.E Akbari (2002). Aids beyond of a disease. Seminar in Ministry of health and medical education, Tehran, Iran.
- M.E Akbari and et al (2001). Health promotion strategies in Iran. 2nd national congress in public health and medical prevention, Tehran, Iran.
- M.E Akbari and et al (2001). Treatment approaches before operation in infected wounds with or without cleaning in un-emergency cases. 10th national congress in communicable diseases in Iran, Iran.
- M.E Akbari (2001). Care in burn's patients. Annual forum, Shahid Beheshti University of health and medical education, Tehran, Iran.
- M.E Akbari and et al (2000). Measuring effectiveness of some herbal medicines in anorectal disease. 1st international symposium in traditional medicine, Shahid Beheshti University of health and medical education, Iran.
- M.E Akbari and et al (2000). Aspects of comprehensive medicine in Iran. 1st national congress in public health and medical prevention, Iran.
- M.E Akbari (2000). Stomach malignancy. Annual forum, Hamedan University of health and medical education, Hamedan, Iran.

- M.E Akbari and et al (1998). Tumours markers in breast cancers. 19th congress of surgeons' society, Iran.
- M.E Akbari and et al (1998). Designing of medical education model for outpatient in Iran. 1st symposium in outpatient medical area, Iran.
- M.E Akbari and et al (1997). Who is healthy? 1st national research conference in primary health care system in Iran.
- M.E Akbari (1997). Health population indicators in Iran. Seminar in the day of population world, Ministry of health and medical education, Tehran, Iran.
- M.E Akbari (1997). Early detection integrated of breast cancer in primary health care system in Iran. Surgeons' Iranian society seminar, Tabriz University of health and medical education, Tabriz, Iran.
- M.E Akbari (1997). Identical of medical education programmer and work field of general practitioner. 2nd seminar in medical education, Isfahan University of health and medical education, Isfahan, Iran.
- M.E Akbari (1997). Health prospected and collaborating of general practitioner and specialists. 1st international forum of Iranian scientific, Tehran, Iran.
- M.E Akbari (1997). Primary health care in Iran. Tehran, Iran.
- M.E Akbari (1996). Standardizations approach in hospitals. Seminar in hospital improvement outcomes, Iran University of health and medical education, Iran.
- M.E Akbari (1996). Comprehensive care of patients in hospitals. Seminar in hospital improvement outcomes, Iran University of health and medical education, Iran.

- M.E Akbari (1996). Assessing components in trains' damaged by children and adolescences in southern suburb of Tehran. Seminar in accident and injury, Ministry of health and medical education, Tehran, Iran.
- M.E Akbari (1996). Implementation of reproduction health, family planning services in Iran. ECO/UNFPA conference in "Access and quality", Islamabad, Pakistan.
- M.E Akbari (1996). Situation analysis of RH/ FD program in light of ICPD. Midterm review, Tehran. Iran.
- M.E Akbari (1996). Implementation of the ICPD programme of an action the Iran. Eco/UNFPA conference, Almaty, Ghazaghistan.
- M.E Akbari (1996). Situation analysis of PH/FP programmed in light of ICPD. Mid-Term review, Tehran Iran.
- M.E Akbari (1996). A detailed report on the implementation of the ministerial consulate &WHO on reorienting medical education. Lahore, Pakistan.

## **PROFESSIONAL QULIFICATIONS/ CERTIFICATS**

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- Surgical training course and medical care in "breast cancer", Institute of Gustaverosi, Paris, France, 2007.
- Training course in "Sentinel lymph node", University of UCL, England, UK, 2005.
- Workshop in "Emergency medicine", University of medical sciences, Tehran, Iran, 2003.
- Workshop in "Problem Based Learning (PBL) tutor Training", University of Joke, Jakarta, Indonesia, 1997.
- Workshop in "Problem Based Learning (PBL) training course in comprehensive medical education, University of Maastricht, Nederland, 1995.

- More than 20 short courses and workshops, through the world in public health management field.