

Amitai Ziv, M.D., M.H.A.

Curriculum Vitae

Amitai Ziv, M.D., M.H.A.

I.D. No. 055348387

Deputy Director, Chaim Sheba Medical Center

**Director, Risk Management Quality Assurance, and Medical Education
Director, Israel Center for Medical Simulation (M.S.R.)**

Faculty/ Hospital: Chaim Sheba Medical Center Phone: 03-535-5757
Tel Hashomer, 52621 Fax: 03-530-3366
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Home Address: 9 Hadas Street, Ramat Gan Phone: 03-535-0698
52647, Israel

Date Birth: July 29, 1958 Place of Birth: Israel

Military Service: Major in Israeli Air force

1976 – 1978 Cadet – Pilots' Training Course
1978 – 1982 Active Combat Pilot
1980 – 1982 Instructor – Pilot's Course

Discharged November 1982
1982 – 1996 Active Reserve Combat Pilot

Marital Status: Married, 3 children

A. Education

<u>Period of Study</u>	<u>Name of University & Subject</u>	<u>Degree</u>	<u>Date</u>
1983 – 1989	Hebrew University - Hadassah Medical School, Jerusalem	M.D.	1989

Doctoral Dissertation: ***Peer Assessment as a Tool in Medical Education***

Name of Supervisors: Prof. Omri Lernau
Hebrew University - Hadassah Medical School,
Jerusalem

Dr. Miriam Friedman
Ben-Gurion University Medical School,
Beer Sheva

Specialization Certificate: Pediatrics (1996)
Health Administration (2003)

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B. Further Studies

<u>Dates</u>	<u>Name of Institution</u>	<u>Subject / Degree</u>	<u>Date</u>
1990 – 1991	Hadassah University Hospital, Jerusalem	Rotating Internship	
1992	Kupat Holim Clalit Residency - Jerusalem	Family Medicine	
1993 – 1996	Hadassah University Hospital Jerusalem	Residency – Pediatrics	
		Specialization in Pediatrics	1997
1996 – 1998	University of Pennsylvania-Children's Hospital of Philadelphia, USA	Fellowship in Adolescent Medicine	
2000 - 2002	Chaim Sheba Medical Center and Israeli Ministry of Health	Residency in Health Administration	
2000 - 2003	Tel Aviv University Recanati School of Business	MA (cum laude) in Health Administration	
		Specialization in Health Administration	2003

C. Academic and Professional Experience

<u>Dates</u>	<u>Name of Institution</u>	<u>Department</u>	<u>Rank / Function</u>
1986 – 1989	Hadassah Medical School	Medical Education	Medical Student
	Responsible for initiating and implementing a peer assessment project to increase awareness of medical students to humanistic qualities in the medical profession.		

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Dates	Name of Institution	Department	Rank / Function
1992 – 1998	Educational Commission for Foreign Medical Graduates (ECFMG)	Clinical Skills Assessment (CSA) Program	International Consultant
	Representative of the ECFMG in its international CSA project in the following countries: Israel, Spain, Brazil, Russia, Ukraine, Italy, and USA.		
	Directed Workshops for local medical Teams in different countries to introduce and teach simulated patient-based assessment methods; designed and implemented large scale performance assessment studies in each country.		
1994 – 1996	Hebrew University - Hadassah Medical School, Jerusalem	Pediatrics	Instructor
1994 – 1998	Educational Commission for Foreign Medical Graduates (ECFMG)	CSA Program	Consultant
	Participated in the design and development of simulated patient-based standardized test for foreign medical graduates (the revised CSA requirement for ECFMG certification);		
	Responsible for designing and implementing large scale performance assessment studies in US Medical schools and development of training workshops and manuals;		
	Collaborated with ECFMG's test development, advisory, and standard-setting committees.		

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Dates	Name of Institution	Department	Rank / Function
1998 - 2000	<p>MedSim, USA Inc.</p> <p>Responsibilities included: Managing and directing all educational applications of MedSim's medical simulators;</p> <p>Initiating and organizing the development of simulation based medical curriculum for health professionals, including physicians, nurses, paramedics, and others;</p> <p>Conducting simulation based research and outcome studies with leading academic medical centers and professional organizations (Washington U, Harvard U, Univ. of Penn., Thomas Jefferson Medical College, American Registry of Diagnostic Medical Sonographers, American College of Surgeons, and American College for OB-GYN);</p> <p>Supervising all medical contact with international simulation centers, professional medical boards, risk management and medical insurance entities;</p> <p>Chair of MedSim's Continuing Medical Education department, responsible for all CME activities and certification in the use of MedSim simulators.</p>	Management & Medical Education	Medical Director
1999 - 2000	<p>Thomas Jefferson Medical College Philadelphia, PA, USA</p> <p>Responsibilities included: Establishing a joint venture simulation center of Thomas Jefferson Medical College and MedSim;</p>	Director, MedSim - TJU Medical Simulation Center	

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Dates	Name of Institution	Department	Rank / Function
	<p>Founding the first medical simulation center in Philadelphia;</p> <p>Initiating and conducting a simulation based educational program for the TJU Health system;</p> <p>Increasing awareness of patient safety issues by conducting large-scale workshops, using advanced simulation methods for Philadelphia firefighters, paramedics, nurses, medical students, and residents</p>		
2000 - present	Chaim Sheba Medical Center Tel Hashomer, Israel	Management-	Deputy Director
2000 - present	Chaim Sheba Medical Center Tel Hashomer, Israel	Risk Management, Quality Assurance	Director
2000 - present	Israel Center for Medical Simulation - M.S.R. (at the Sheba Medical Center Tel Hashomer, Israel)	Medical Education	Director
	<p>Responsibilities include: Initiating and founding a multimodality and multidisciplinary national medical simulation center for training and assessment of health professionals' clinical skills and for increasing awareness to patient safety.</p>		
2001 – present	Simbionix, USA INC (Medical Simulation Company) Cleveland, USA	Business Development	Consultant
2004 - present	Case Western University School of Medicine, Cleveland, Ohio, USA	Pediatrics	Adjunct Associate Professor
2005 – 2010	Tel Aviv University School of Medicine	Behavioral Sciences	Clinical Senior Lecturer
2006 – 2008	Canadian Aerospace Electronics CAE INC - Aviation simulation Company Montreal, Canada	Business Development	Consultant

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Dates	Name of Institution	Department	Rank / Function
2006 – present	The Michener Institute for Applied Health Sciences – Toronto, Canada	Medical Simulation	Consultant
2006 – 2008	Society for Simulation in Healthcare (SSH) - Credentialing, Accreditation Technology and Standards Committee. (CATS)	Medical Simulation	Committee Chair
2006 – 2010	Simulation in Health Care Journal	Editorial Board	Member
2006 – 2010	Tel Aviv University School of Medicine	Admission Committee	Member
2002 – present	Chaim Sheba Medical Center	IRB – "Helsinki" Committee	Member
2002 – present	Chaim Sheba Medical Center	Infection Control Committee	Chairman
2002 – present	Chaim Sheba Medical Center	Re-use Committee	Chairman
2007 – present	Mayo Clinic School of Medicine	Medical Education	Adjunct Associate Professor
2007 – 2009	Capital Health, Edmonton Alberta, Canada	Medical Simulation	Expert Panel Member
2007 - 2008	The Haruv Institute, Jerusalem, Israel	Advisory Committee	Member
2008 – present	The Haruv Institute, Jerusalem, Israel	Advisory Committee	Chairman
2008 – present	Ono Academic College, Research Institute of Health and Medical Professions	Advisory Committee	Member
2008 – 2009	World Health Organization (WHO) World Alliance for Patient Safety - Expert Working Group on Patient Safety Curriculum for Medical Schools	Expert Working Group	Member

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Dates	Name of Institution	Department	Rank / Function
2008 – 2009	WHO - World Alliance for Patient Safety - Expert Working Group on Patient Safety Technologies	Expert Working Group	Member
2010 – present	Tel Aviv University School of Medicine	Clinical Teaching Committee	Member
2010 – present	Tel Aviv University School of Medicine	Medical Education Department	Chairman
2010 - present	Tel Aviv University School of Medicine	Medical Education	Clinical Associate Professor

D. Clinical Experience

Period	Name of Institution	Department	Rank / Function
1990 – 1991	Hadassah University Hospital, Jerusalem	Rotating Internship	Intern
1992 – 1993	Kupat Holim Clalit	Family Medicine	Resident
1993 – 1996	Hadassah University Hospital, Jerusalem	Pediatrics	Resident
1996 – 1998	University of Pennsylvania- Children's Hospital of Philadelphia, USA	Adolescent Medicine	Fellow

Boards & Licenses

Educational Commission for Foreign Medical Graduates - ECFMG Certificate #0-443-330-6	1990
Israeli Medical License #21760	1991
Israeli Pediatric Boards, Part I and II	1994-95
US Medical Licensing Examination (USMLE) Parts, I, II, III	1995-96
Israeli Pediatric Specialty License #15472	1997
Pennsylvania (USA) unrestricted license to Practice Medicine #MD-062427-L	1997
Israeli Health Administration Boards, Part I and II	2002

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Israeli Health Administration Specialty License 2003

Good Clinical Practice (GCP) Certificate (by Bio-Medical Research Design Ltd.) 2010

E. Academic and Professional Awards

Awards

1988	Boston University School of Medicine - Hadassah Medical School Exchange Program Award for Excellence	3 mo. scholarship for studies at the Boston University
1988	Hadassah Medical School Award for Excellence	MD thesis
1999	Outstanding Visa Awarded by the USA Department of Immigration	Professional Visa for outstanding achievement in medical simulation
2002	Dean's Excellence Award Recanati School of Business Administration	Tel-Aviv University
2003	Dean's Excellence Award (for MA Degree) Recanati School of Business Administration	Tel-Aviv University
2003	2002 - " Team of the year " Award for the founding team of MSR - the Israel Center for Medical Simulation (Headed by A Ziv)	Chaim Sheba Medical Center
2004	2003 - " Team of the year " Award for the founding team of MSR (headed by A Ziv) for MSR's contribution to Israel's health-care preparedness for medical emergencies	Israeli Ministry of Health
2004	2003 - " Outstanding Team of the year "- National Award for MSR's founding Team (headed by A Ziv) for its outstanding achievements	Israeli Civil Service Commission
2005	Best Speaker Award at the Annual Meeting of the Israel Association for Medical Informatics	Israel Association for Medical Informatics
2007	Best Educational Research Award (1st Place) at the 7 th Annual International Meeting on Simulation in Healthcare (IMSH). A Ziv , O Rubin, A Moshinsky, N Gafni, M Mittelman. Screening of candidates to medical school based on-cognitive parameters using non a simulation-based assessment center. Poster presented in Orlando, FL, USA	International Meeting on Simulation in Healthcare (IMSH)

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2007	The Charles Bronfman Award for Humanitarian Action	The Charles Bronfman Prize
2007	The Michener Honorary Diploma of Health Science Award for leadership and commitment to the for Applied health sciences	The Michener Institute, Toronto Canada
2008	Research Abstract Award (2nd Place) at the 8th Annual Meeting on Simulation in Healthcare (IMSH) M Natur, A Ziv , H Berkenstadt, Y Munz Establishing Proficiency Criteria for VR Simulator Training in Laparoscopic Surgery. Poster presented in San Diego, CA, USA	International Meeting on Simulation in Healthcare (IMSH)
2009	First Prize (basis of medicine) in the British Medical Association (MBA) Medical Book Competition Awards: A manual of Simulation in Healthcare. Riley R H; Editor. Oxford University Press Publishers, 2008 Including a chapter by: Rubin, H Berkenstadt and A Ziv Intern Training – The Israeli Model.	British Medical Association
2009	The Royal College Lecture for the Year 2009 at the International Conference on Residency Education (ICRE): Victoria, British Columbia, Canada,	Royal College of Physicians and Surgeons of Canada
2010	Honorable Mention Research Abstract Award (3rd Place) in Education, Competency & Assessment at the 10 th Annual International Meeting On Simulation in Healthcare (IMSH) O Shalomson, D Hardoff, S Benita, A Ziv Communication with Adolescents regarding Female Health Issues: A Comparison between Gynecologists and Family Practitioners in a Simulated-Patient-Based Training Program. Poster presented in Phoenix, AZ, USA	International Meeting on Simulation in Healthcare (IMSH)
2010	The <i>Academic Medicine AM Classics Honor</i> for being selected to the special Web Site Collection of: "AM Classics". Honor awarded to the article: Simulation-based medical education – An ethical Imperative (authored by A Ziv et al) for being sited over 50 times since its publication.	Academic Medicine Journal
2011	1st Place Award as best abstract in Education, Competency & Assessment at the 11 th Annual International Meeting on Simulation in Healthcare (IMSH) A Tuval, A Sidi, A Ziv , D Etzion, T Ezri, H Berkenstadt Psychological and Psychological Stress Reactions of Anesthesiology Residents during Simulation-based Board Examination. Poster presented in New-Orleans, USA	International Meeting on Simulation in Healthcare (IMSH)

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Fellowships

- 1996 – 1998 Graig-Daisalmer Training Program
University of Pennsylvania and the
Children's Hospital of Philadelphia
Clinical & Research
Fellowship
in Adolescent
Medicine

Grants

Research Grants (received)

- 1999 - 2000 Medical Education Research Fund
National Board of Medical Examiners (NBME)
Philadelphia, PA, USA
D Murray, J Woodhouse, J Kras, J Boulet, **A Ziv**.
Clinical simulation: development of an acute care skills evaluation
for medical school graduates (50,000 US\$)
- 2001 National Institute for Health Policy Research Fund, Israel.
J Borkan, M Weingarten, **A Ziv**, N Gutman, C Abramovitch, D Roter.
Assisting health care providers resolve conflicts engendered by the National
Health Insurance Law and Patient's Rights Act through improved
Communication (200,000 NIS)
- 2001 Ashalim (The Association for Planning & Development of Services for
Children and Youth at Risk & their Families)
R Cohen, B Reichman, D Hardof, **A Ziv**
Development and assessment of simulated patient based curricular unit
for family & pediatric residents to improve clinical skills in adolescent
medicine
- 2001 Israel Defense Forces Medical Corps. Research Foundation
H Berkenstat and **A Ziv** (primary investigators), D Barsuk, I Keidan,
Y Donchin, G Lynn. The use of advanced trauma simulator as an
additional training and evaluation tool in advanced trauma life support
(ATLS) course (30,000 NIS)
- 2003 European Society of Anesthesiology.
H Berkenstat, A Perel, Y Yusim and **A Ziv**
Simulation-based evaluation of a Point-of-Care Information
System for the Anesthesiologist - a Patient Safety Tool in the
Operating Room (20,000 EURO)
- 2003 The Dr. Judith Teclaw Scholarship Fund for Medical Education
of UJA-Federation
A Ziv, N Pessach, Y Berlovitch
Simulation-based Training Program in Child Abuse/Domestic
Violence for Medical Students, Interns, Residents, Physicians
(51,000 US\$)

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- 2004 The Telemedicine & Advanced Technology Research Center (TATRC), USA
C Steiner and **A Ziv** (Co-Primary Investigators)
Multi Institutional, Multi National Medical Simulator Validation Studies – Collaborative Research between MSR, Sionix and Cleveland Clinic (200,000 US\$)
- 2005 The Dr. Judith Teclaw Scholarship Fund for Medical Education of UJA-Federation
A Ziv, N Pessach
Simulation-based Training Program in Domestic Violence for Medical Students, Interns, Residents, Physicians (30,000 US\$)
- 2006 Maccabi Sherutei Briut Research Fund
A Perry, Y Fliskin, H Berkenstat, M Gindi, A Goldberg, **A Ziv**
A Model of Proactive Medical Risk Management for Patient & Physician Safety Transport Based on Aviation Concepts (100,000 NIS)
- 2008-9 The Israel Institute for Health Policy and Services Research.
Reis S, **Ziv A** (Co-Primary Investigators)
Primary care physicians' use of electronic medical records: a cognitive task analysis (281,000NIS)
- 2009 The Israel Institute for Health Policy and Services Research.
Benor D, Fighel H, **Ziv A**
Development and validation of an assessment instrument for clinical specialist nurses (102,000 NIS)
- 2010 Maccabi Sherutei Briut Research Fund
Reis S, **Ziv A** (Co-Primary Investigators), J Azuri, V Shalev
Testing an instruction and evaluation package in a simulation setting, aimed at fostering Maccabi primary care physicians' use of Electronic Medical Records (EMR) (100,000 NIS)
- 2011 National Institute for Testing and Evaluation (NITE) Fund
Ziv A, Reis S, O Eisenberg (Co-Primary Investigators)
Testing an instruction and evaluation package in a simulation setting, aimed at fostering primary care physicians' use of Electronic Medical Records (EMR) (30,000 NIS)

Personal Grants

- 1994-6 ECFMG Grant to Hadassah University Hospital
Pediatric Department for Consulting Services delivered by **A Ziv**
- 1996-8 ECFMG Grant to Children's Hospital of Philadelphia (CHOP)
Adolescent Medical Division for Consulting Services
delivered by **A Ziv**

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- 1996 American Physician's Fellowship for Medicine in Israel
for the continuation of **A Ziv's** medical studies in the U.S.A.
- 2003 The Gagon and Hecht Grant – Dean's Excellence Award for **A Ziv**
(2002). Tel-Aviv University Recanati School of Business Administration

Development Grants*

* Recruited by **A Ziv** for the Israel Center for Medical Simulation (MSR)

- 2002 Nash Family Foundation
Grant Awarded to MSR's National Emergency Preparedness Training
Program (195,000 US\$)
- 2003 Bronka Weintrop Foundation
Grant Awarded to MSR's further development (500,000 US\$)
- 2003 Keren - Hayesod – Turkey (private donor)
Grant Awarded to MSR's development of surgical and trauma
simulation (1,000,000 US\$)
- 2003 Private Donors - USA
Grant Awarded for MSR's further development (300,000 US\$)
- 2004 Nash Family Foundation
Grant Awarded to MSR's National Emergency Preparedness Training
Program (125,000 US\$)
- 2005 Private Donors - USA
Grant Awarded for MSR's further development (125,000 US\$)
- 2005 Private Donors - Turkey
Grant Awarded for MSR's further development (228,000 US\$)
- 2006 Private Donors - USA
Grant Awarded for MSR's further development (100,000 US\$)
- 2006 Nash Family Foundation
Grant Awarded for MSR's Cardiology Training Program and to MSR's
Medical Students' Admission Program (260,000 US\$)
- 2006 Shepard - Broad Family Foundation
Grant Awarded for MSR's Cardiology Patient Simulator (Harvey)
(50,000 US\$)
- 2006 UJA-Federation of Cleveland Ohio
Grant Awarded for MSR's Domestic Abuse Program (50,000 US\$)
- 2006 Rosenblatt Fellowship Program
Grant awarded for Sheba and MSR for Trauma Medicine
Training for Peripheral Hospitals (207,000 US\$)

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- 2006-8 Nash Family Foundation
Grant Awarded for the joint MSR and Kolot - *Shever v'Tikun (Ailing and Healing)* Program for Health Professionals Spiritual Support (108,000 US\$)
- 2007 Schusterman Family Foundation - Israel
Grant Awarded for MSR's Child Abuse Program (170,000 US\$)
- 2007-8 UJA Federation - NYC
Grant Awarded for the joint MSR and Kolot *Shever v'Tikun (Ailing and Healing)* for Health Professionals Spiritual Support (90,000 US\$)
- 2007-8 Schusterman Family Foundation - Israel
Grant Awarded for MSR's Pediatric Wing (500,000 US\$)
- 2007-8 Nazarian Family Foundation
Grant Awarded for the MSR-Mayo Clinic Partnership in Developing an International Intensive care Simulation-based Curriculum (1,000,000 US\$ - for both Mayo-MSR)
- 2007-8 The Ziperkovsky Family (Private Donors)
Grant Awarded for the Construction of the MSR Zipekovsky Auditorium (200,000 US\$)
- 2008 The Everett Foundation
Grant Awarded for the "MSR on Wheels" Program to Improve Israel's Peripheral Hospitals' and Community Clinics' Preparedness for Medical Emergencies (25,000 US\$)
- 2008-9 Russell Berrie Foundation
Grant Awarded for the "MSR on Wheels" Program to Improve Israel's Peripheral Hospitals and Community Clinics Preparedness for Medical Emergencies (50,000 US\$)
- 2009 The Zeiring Family Foundation
Grant Awarded for the joint MSR and Kolot *Shever v'Tikun (Ailing and Healing)* for Health Professionals Spiritual Support (25,000 US\$)
- 2009 Private Donors - Turkey
Grant Awarded for MSR's further development (100,000 US\$)
- 2009 Rosenblatt Fellowship Program
Grant awarded for Sheba and MSR for Trauma Medicine Training for Peripheral Hospitals (395,000 US\$)
- 2009-11 Mount Sinai Foundation
Grant Awarded for the MSR-Case Western Reserve University Simulation Center Partnership in Developing a Surgical Simulation-based Curriculum (300,000 US\$)
- 2010 The Zeiring Family Foundation
Grant Awarded for the joint MSR and Kolot *Shever v'Tikun (Ailing and Healing)* for Health Professionals Spiritual Support (25,000 US\$)

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2011-13 Schwartz-Reisman Family Foundation Grant Awarded for the MSR-Mayo Clinic Partnership for a Faculty Exchange Program to advance Simulation-based Education (828,500 US\$ - for both Mayo-MSR)

G. Membership in Professional Societies

1984-2000	Center for Medical Education at Ben-Gurion University
1991-present	Israel Medical Association
1996-2000	Society of Adolescent Medicine (SAM)
1996-present	Association for Medical Education in Europe (AMEE)
2001-present	Society of Europeans for Simulation Applied Medicine (SESAM)
2001	Best Evidence Medical Education Society (BEME) Collaboration
2001-present	Israel Society of Adolescent Medicine
2003-present	Israel Union of Hospital Directors
2003-5	European Foundation for the Advancement of Healthcare Practitioners (EFAHP)
2003-present	Society for Medical Simulation (SMS)
2005-7	Chair of Credentialing, Accreditation, Technology and Standards (CATS) Committee - Society for Medical Simulation (SMS)
2005-2010	Member of Editorial Board – Simulation in Healthcare Journal
2008-present	WHO World Alliance for Patient Safety

Active Participation in Scientific Meetings

1987	International Symposium on Evaluation in Medical Education Beer-Sheva, Israel
1994	Sixth Ottawa Conference on Medical Education Toronto, Canada
1995	Association for Medical Education of Europe (AMEE) Zaragoza, Spain
1996	Seventh Ottawa Conference on Medical Education Maastricht, Netherlands
1997	Society of Adolescent Medicine (SAM) San Francisco, CA, USA

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- 1997 Thirty-sixth Annual Conference of the American Association of Medical Colleges (AAMC), Washington, D.C., USA
- 1998 Eighth Ottawa Conference on Medical Education & Assessment Philadelphia, PA, USA
- 1998 Radiology Society of North America (RSNA) Chicago, IL, USA
- 1998 Thirty-seventh Annual Conference of the American Association of Medical Colleges (AAMC), New Orleans, LU, USA
- 1998 Jewish Medical Ethics, Philadelphia, PA, USA
- 1998 Society for Diagnostic Medical Sonographers (SDMS) Orlando, FL, USA
- 1998 Society for Adolescent Medicine (SAM) Atlanta, GA, USA
- 1999 Seventh Annual Meeting of Medicine Meets Virtual Reality (MMVR) San Francisco, CA, USA
- 1999 Society for Technology in Anesthesia (STA) San Diego, CA, USA
- 1999 Society for Education in Anesthesia (SEA) Rochester, NY, USA
- 1999 American College of Surgeons (ACS) Orlando, FL, USA
- 1999 "Leading Edge" – Advanced UltraSound Technology Conference Atlantic City, NJ, USA
- 1999 Radiology Society of North America (RSNA) Chicago, IL, USA
- 1999 Thirty-eighth Annual Conference of the American Association of Medical Colleges (AAMC), Washington, D.C., USA
- 2000 Eighth Annual Meeting of Medicine Meets Virtual Reality (MMVR) Newport Beach, CA, USA
- 2000 Society for Technology in Anesthesia Orlando, FL, USA
- 2000 American Institute for Ultrasound in Medicine (AIUM) San Francisco, CA, USA
- 2000 Association for Medical Education in Europe (AMEE) Beer-Sheva, Israel (Invited Speaker)

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- 2000 The Israel Society of Anesthesiologists. Tel Aviv, Israel
- 2000 The Millennium International Conference of the Israel Society for Quality. Jerusalem, Israel
- 2001 The International Meeting on Medical Simulation and the Society for Technology in Anesthesia (STA). Scottsdale, AZ, USA
- 2001 Society of Europeans for Simulation Applied to Medicine (SESAM) Stirling, Scotland
- 2001 Best Evidence Medical Education (BEME), Miami, Florida, USA.
- 2001 Medax 2001, The 14th Israel Medical Week, Tel Aviv, Israel
- 2001 Advancing Medical Education: Patient Safety, Simulation & Teamwork, Chicago, USA (Invited Speaker)
- 2001 Third EPES International Forum – “Technological Innovations in Health Services”, Malaga, Spain. (Invited Speaker)
- 2002 World Health Organization Workshop on Robotics Simulations Use in Medical Education & Research, Barcelona, Spain. (Invited Speaker)
- 2002 13th Annual Meeting of the Catalan Association for Critical Medicine, Sabadell, Spain. (Invited Speaker)
- 2002 Association for Medical Education in Europe (AMEE) Lisbon, Portugal
- 2002 Harvard – Macy Foundation Reunion – “Visions in Medical Simulation” Mayo Clinic, Rochester, Minnesota, USA. (Invited Speaker)
- 2002 Greater New York Hospital Association Conference on “Emergency Preparedness”, New York, USA. (Invited Speaker)
- 2002 Israeli Medical Schools’ Deans Association conference on Medical Education. Haifa, Israel. (Invited Speaker)
- 2002 The Israeli Ministry of Health Medico-Legal Semi-Annual Conference Maale Hachamisha, Israel. (Invited Speaker)
- 2003 The “Shoresh” & Biomedical Meetings Herzlia, Israel. (Invited Speaker)
- 2003 The Annual Conference of the Israel Union of Hospital Directors Haifa, Israel (Invited Speaker)
- 2003 The 8th Congress of the European Association of Hospital Pharmacists Florence, Italy

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- 2003 The Annual Conference of the Israeli Trauma Society
Tel Aviv, Israel (Invited Speaker)
- 2003 Social Work in times of Emergency in Health and Rehabilitation Systems
Tel Aviv, Israel (Invited Speaker)
- 2003 The 7th Annual Meeting of the International Association of Medical Science
Educators (IAMSE), Washington DC, USA (Invited Speaker)
- 2003 The Annual Meeting of the National Institute for Testing and Evaluation
Shfaim, Israel (Invited Speaker)
- 2003 Association for Medical Education in Europe (AMEE)
Bern, Switzerland
- 2003 Medicine in the Era of Global Terrorism Conference
Atlantic City, USA (Invited Speaker)
- 2003 Greater New York Hospital Association Conference on "Emergency
Preparedness", New York, USA (Invited Speaker)
- 2003 Annual Meeting of the Israeli Society of Teachers and Investigators in Family
Medicine, Maale Hachamisha, Israel (Invited Speaker)
- 2004 The 12th Annual Meeting of Medicine Meets Virtual Reality (MMVR)
Newport Beach, CA, USA
- 2004 The 4th Annual International Meeting on Medical Simulation,
Albuquerque/Santa Fe, NM, USA (Invited Speaker)
- 2004 The 33rd Critical Care Congress of the Society of Critical Care Medicine (SCCM),
Orlando, Florida, USA (Invited Speaker)
- 2004 Michigan Homeland Security Training Conference.
Grand Rapids, Michigan, USA (Invited Speaker)
- 2004 The Israeli Medical Schools' Deans Association conference on Medical
Education, Ramat Gan, Israel (Invited Speaker)
- 2004 The 11th Ottawa Conference on Medical Education & Assessment
Barcelona, Spain (Invited Speaker)
- 2005 The 5th Annual International Meeting on Medical Simulation (IMMS)
Miami, Florida (Invited Speaker)
- 2005 The 3rd International Symposium on Virtual Reality Associated Technologies and
Rehabilitation, Haifa, Israel, 2005 (Invited Speaker)
- 2005 The 4th Galil Center Symposium on Medical Informatics and Learning Technologies.
Haifa, Israel (Invited Speaker)

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- 2005 Canadian Patient Safety Institute Symposium on Patient Simulation
Edmonton, Alberta, Canada (Invited Speaker)
- 2005 Annual Scientific Meeting of the Israeli Society for Ergonomics and Human
Engineering, Ramat-Gan, Israel (Invited Speaker)
- 2005 12th Annual conference on learning and training in Israeli organizations. Ramat–Gan,
Israel, (Invited Speaker)
- 2005 17th Israeli Congress of General Practice- Family Medicine, Tel-Aviv, Israel
(Invited Speaker)
- 2005 Annual Meeting of the Israel Association for Medical Informatics,
Tel-Aviv, Israel (Invited Speaker)
- 2005 Annual Meeting of (AAMC) the American Association of Medical Colleges
Washington, D.C., USA (Invited Speaker)
- 2005 The 3rd Annual Conference of the Israeli Health System Domestic Abuse
Committees, Maale-Hahamisha, Israel (Invited Speaker)
- 2006 The 6th Annual International Meeting on Medical Simulation (IMMS)
San Diego, California, USA (Invited Speaker)
- 2006 The Annual Meeting of the American Board of Surgery
Tampa, Florida, (Invited Speaker)
- 2006 The Annual Conference of the Israel Union of Government Hospital
Administrative Directors, AKo, Israel (Invited Speaker)
- 2006 The Annual Meeting of the Israeli Social Security Physicians,
Tel-Aviv, Israel, (Invited Speaker)
- 2006 The Annual Meeting of the Israeli Institute of Internal Auditors,
Jerusalem, Israel (Invited Speaker)
- 2006 The 13th Annual Conference of the Israeli Society for Quality in Healthcare,
Tel-Aviv, Israel
- 2006 The 1st Annual Conference on Safety in Community Care,
Edmonton, Canada (Invited Speaker)
- 2006 The 2nd Eilat Conference on Violence in the Israeli Society,
Eilat, Israel, (Invited Speaker & Moderator)
- 2006 The 12th Ottawa Conference on Medical Education & Assessment
New-York, USA (Invited Speaker & Moderator)
- 2006 The 13th Annual Conference of the Israeli Society for Quality in Healthcare,
Tel-Aviv, Israel (Invited Moderator)

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- 2006 The "Shoresh" & Biomedical Meetings, Tel-Aviv, Israel, 2006 (Invited Speaker)
- 2006 The 10th Annual Conference of the Israel Society for Pediatric and Adolescent Gynecology, Ramat Gan, Israel (Invited Speaker)
- 2007 The 7th Annual International Meeting on Simulation in Healthcare (IMSH) Orlando, Florida, USA (Invited Speaker)
- 2007 The Annual Safar Symposium of the University of Pittsburg School of Medicine, Pittsburg, USA (Invited Speaker)
- 2007 The 14th Annual Conference of the Israeli Society for Quality in Medicine, Ramat Gan, Israel (Invited Speaker)
- 2007 The Annual Meeting of the American Association for Otolaryngology and Head and Neck Surgery (AAO-HNS), Washington D.C., USA (Invited Speaker)
- 2007 The Annual Meeting of the Spanish Society for Medical Education (SEDEM) Tenerife, Spain (Invited Speaker)
- 2007 The 26th Annual Fall Symposium – Autumn in New York 2007: Patient Safety through Technology and Improved Communication. New York, NY, USA (Invited Speaker)
- 2007 The 1st Annual Symposium on "Bracha Ramot's Spirit": Human Medicine in a Technological Era. Ramat-Gan, Israel, 2007 (Invited Speaker)
- 2008 The 8th Annual International Meeting on Simulation in Healthcare (IMSH) San Diego, California, USA (Invited Panel Leader and Moderator)
- 2008 The 8th Annual International Meeting on Simulation in Healthcare (IMSH) San Diego, California, USA (Invited Speaker)
- 2008 The 15th Annual Conference of the Israeli Society for Quality in Medicine, Tel Aviv, Israel
- 2008 The 20th Forum for Leaders in Medical Education of the Japan Medical Education Foundation (JMEF). Tokyo, Japan (Invited Speaker)
- 2008 The 25th Conference of the International Society for Quality in Healthcare (ISQua) Copenhagen, Denmark (Invited Speaker)
- 2009 International Workshop: Medical Education in the 21st Century
The New Medical School in the Galilee, New Paradigms, Innovations and Challenges Safed, Israel (Invited Speaker)
- 2009 The 2009 International Conference on Residency Education (ICRE), Royal College of Physicians and Surgeons of Canada, Victoria, British Columbia, Canada (Invited Speaker)
- 2009 The Simulation Summit of the Royal College of Physicians and Surgeons of Canada, Victoria, British Columbia, Canada (Invited Speaker)

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- 2009 The 97th Annual Meeting of the Medical Council of Canada (MCC). Ottawa, Canada (Invited Speaker)
- 2009 The British National Association of Medical Simulators and the Clinical Skills Network (NAMS – CNS), Manchester, UK (Invited Speaker)
- 2009 The Netherlands Association of Medical Educators(NVMO) Conference, Egmond an zee, Netherlands (Invited Speaker)
- 2009 The 26th Conference of the International Society for Quality in Healthcare (ISQua) Dublin, Ireland (Invited Speaker)
- 2010 The 10th Annual International Meeting on Simulation in Healthcare (IMSH) Phoenix, Arizona USA
- 2010 The 14th Ottawa Conference on the Assessment of Competence, Miami, Florida (Invited Speaker)
- 2010 The 16th Annual Meeting of the Society in Europe for Simulation Applied to Medicine (SESAM), Groningen, Netherlands (Invited Speaker)
- 2010 The 36th Annual Meeting of the Association for Medical Education in Europe (ADEE) Amsterdam, Netherlands (Invited Speaker)
- 2010 Curriculum Workshop of the Van Leer Jerusalem Institute and the Israel Democracy Institute, Jerusalem, Israel (Invited Speaker)
- 2010 International Patient Safety Collaborative Annual Conference, Hadassah University Hospital at Mount Scopus, Jerusalem, Israel (Invited Panel Member)
- 2010 The Annual Summer Conference of the Israeli Society for Community Pediatrics, Tel Aviv, Israel (Invited Speaker)
- 2010 The 4th National Conference on Trends in Educational Policy and Management, Bar-Ilan University, Israel. (Invited Speaker)
- 2010 The Annual Conference of the American Society of Extracorporeal Technology (AmSECT) and the International Consortium for Evidence-based Perfusion (ICEBP) Toronto, Canada (Invited Speaker)
- 2011 The 11th Annual International Meeting on Simulation in Healthcare (IMSH), New-Orleans, Louisiana, USA (Invited Speaker)
- 2011 The 8th Asia Pacific Medical Education Conference (APMEC), Singapore (Invited Speaker)

G.1 Ph.D, MA & Post-Doc Students Supervised by Candidate (In cooperation with other supervising faculty)

2004-	Gadi	Embedded Assessment in Medical	Technion - Israel
2007	Mador	Model-based learning environments	Institute of
	Ph.D Thesis		Technology

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2005	Tamar Cohen MA Thesis	The Use of Simulated Patients to Improve and Assess Clinical Skills of Occupational Therapy Students - A Pilot Study	Hebrew University School of OT
2006- 2009	Amir Perry Ph.D Thesis	Applying aviation models of proactive Risk management as means to improve patient safety of transport and handoff processes between operating and recovery rooms	Ben-Gurion University School of Engineering
2010-	Gilad Ben Gal DMD Ph.D Thesis	Development and validation of predictive and assessment tools for psychomotor skills in dentistry	Hebrew University School of Dental Medicine
2010-	Michal Ben Giat Medical Student MA Thesis	360 Degree Assessment as a tool for developing, training and evaluating dental medicine students during their clinical studies	Hebrew University School of Dental Medicine
2011-	Liat Raz Ph.D Post-Doc Thesis	Behavioral correlates underlying decision making relating to Occupational therapy via simulation based medical education	Tel Aviv University School of Medicine

G.1 Ph.D & MA thesis Examined by Candidate

2006	Yael Einav Ph.D Thesis	Preoperative briefing in the operating room: shared cognition, team work, and patient safety	Industrial Engineering and Management Technion-Israel Institute of Technology
2008-	Nofar Barak Ph.D Thesis	Simulative training for pre-nurses and nurses – Models perceptions and skills	Technion - Israel Institute of Technology
2010	Elad Asher Ph.D Thesis	Defensive Medicine in Israel	Ben-Gurion University School of Health Sciences
2010	Hilla Fighel MA Thesis	Development and validation of an assessment instrument for clinical specialist nurses	Ben-Gurion University School of Health Sciences

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G.1 MD thesis by Medical Students Supervised and/or Examined by Candidate

2009	Tomer Man (Examined)	Virtual Reality Simulator as a predictive Tool of acquisition of endoscopic surgical skills	Tel Aviv University School of Medicine
2009	Ran Stein (Examined)	Quality Assessment of Discharge Summaries in a Surgical Department	Tel Aviv University School of Medicine
2009	Yigal Chechik (Examined)	Randomized case control study: comparison between virtual reality trainer to video training device in teaching laparoscopic suturing technique	Tel Aviv University School of Medicine
2009	Maher Saada (Supervised)	Detection of labeling problems of IV drugs: Screening of current status and reviewing caregivers' opinions at Sheba Medical	Tel Aviv University School of Medicine
2010	Bascas Moran (Examined)	Pediatrician's approaches to parents who oppose vaccinating their children	Tel Aviv University School of Medicine
2010	Imri Amiel (Supervised)	Mobile Simulation as a tool to evaluate and improve trauma management skills	Tel Aviv University School of Medicine
2010	Ofir Raz (Supervised)	The use of a simulation software as a teaching tool of basic physiologic principles of respiratory system and pulse oximetry	Tel Aviv University School of Medicine

G.2 B.A. Students Supervised by Candidate

2001	Nirit Levinger Shai Katz	Computerized QA System for Emergency Department at the SMC	Computer Science Dept. Bar Ilan University
2001	Shai Akiva Amir Keren	Developing a Computerized Patient Satisfaction Feedback System for the SMC	Computer Science Dept. Bar Ilan University
2001	Eran Kasan	Developing a Computerized System for Anonymous Reporting of Near Miss Incidents for the Sheba Medical Center	Computer Science Dept. Bar Ilan University
2001	Ziv Keidar Lior Toizer	Computerized Administrative & Logistics System for the Israel Center for Medical Simulation (MSR)	Computer Science Dept. Bar Ilan University

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G.3 Residents' Basic Science Projects Supervised by Candidate (In cooperation with other supervising faculty)

2001	Rinat Cohen, MD	Development and Assessment of Simulated Patient Based Curricular Unit to Improve Clinical Skills in Adolescent Medicine of Pediatric and Family Medicine Residents.	Pediatric Depart. Sheba Medical Center
2001	Dafna Barsuk, MD	Use of Advanced Simulators to Improve and Assess Trauma Management Skills	Surgical Depart. Sheba Medical Center
2002	Gil Hirshhorn, MD	Evaluation of ATLS course graduates' clinical competence through high fidelity medical simulators	Surgical Depart. Rambam Medical Center
2002	Shali Mazaki, MD	Development and assessment of a curricular unit based on simulated patient and a simulator to improve skills of midwives and residents in obstetrics and gynecology	Obstetrics & Gyn Depart. Sheba Medical Center
2002	Yusim Yaacov, MD	Simulation-based evaluation of a Point-of-Care Information System for the Anesthesiologist - a Patient Safety Tool in the Operating Room	Anesthesiology Depart. Sheba Medical Center
2003	Rina Dach, MD	Development of Simulation-based Competency Assessment for Anesthesiology Residents	Anesthesiology Depart. Sheba Medical Center
2003	Sharon Maslovitz, MD	Development and Assessment of a Simulation-based Curricular Unit to Improve Clinical Skills of Caregivers in Delivery Room Emergencies	Lis Maternity Hospital, Sourasky Medical Center
2003	Yuri Goldes, MD	Using Advanced Simulators to improve Medical Teams' Competency in the Treatment of the Mechanically Ventilated Patient	Surgical Depart. Sheba Medical Center
2003	Moshe Kamar, MD	Advanced Human Simulators for Training and Assessment of Hospital Trauma Teams	Surgical Depart. Sheba Medical Center
2003	Shmuel Bublik, MD	Medical Simulation as a Tool to Improve Communication Skills in Extreme Scenarios between Medical Personnel and pediatric Patients' families	Pediatric Depart. Kaplan Medical Center

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2004	Gregory Trodler, MD	Evaluation and Validation studies of the TraumaMan Simulator	Anesthesiology Depart. Sheba Medical Center
2004	Daphna Shefet, MD	Development and Assessment of a Simulation-based Curricular Unit to Improve Awareness of and Competence of Primary Care Physicians' In Geriatric Abuse	Internal Medicine Depart. Rabin Medical Center
2004	Gadi Segal, MD	Development and Assessment of a Simulation-based Curricular Unit to Improve ICU Teams' Clinical Skills management of Heart Failure	Internal Medicine Depart. Sheba Medical Center
2004	Lorenz Knish, MD	Comparison between Israeli and American residents using full scale simulation Scenarios	Anesthesiology Depart. Sheba Medical Center
2005	Aina Kapelian, MD	Evaluation of ultrasound simulator for the training of FAST resident in radiology	Radiology Dep. Sheba Med Ctr
2005	Amir Bar Dayan, MD	Validation of SimuLab laparoscopic trainer	Surgical Depart. Sheba Med Ctr
2005	Mahmud Natur, MD	Assessment of learning curves of laparoscopic skills of residents and experts in surgery using the virtual reality minimally invasive simulator – MIST-VR .	Surgical Depart. Sheba Med Center
2006	Alon Farfel, MD	Development and Assessment of Simulated-Patient Based Workshop to Improve Clinical Skills in Adolescent Medicine of Military physicians involved	Ped Depart. Rabin Med Ctr
2006	Maya Spira, MD	Development and assessment of a curricular unit based on simulated patient and a simulator to improve skills of midwives and residents in obstetrics and gynecology	Obstetrics & Gyn Depart. Sheba Medical Center
2006	Boris Heitovich, MD	Validation of percutaneous nephrostomy (PCN) performed using the PercMentor Simulator	Radiology Depart. Sheba Medical Center
2006	Adais Iad, MD	Development and validation of a difficult airway course for anesthesia residents.	Anesthesiology Depart. Sheba Medical Center
2006	Kadri Mohammad, MD	The safety of operating room to recovery room transport	Anesthesiology Depart. Sheba Medical Center

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2006	Alex Megrill, MD	Proactive patient safety during shift hand over by nurses in the step down unit .	Anesthesiology Depart. Sheba Medical Center
2007	Lev Gurewitz, MD	Development and validation of advanced burns life support course.	Anesthesiology Depart. Sheba Medical Center
2007	Shani Paluch-Shimon, MD	Development and Assessment of Simulated Patient Based Curricular Unit to improve oncology residents doctor-patient communication skills	Oncology Depart. Sheba Medical Center
2008	Meir Marmur, MD	Development and Use of a Portable Simulator to improve Trauma Management Skills of Peripheral Hospital Teams	Orthopedic Surgery Depart. Barzilai Medical Center
2009	Daria Perlson, MD	Development and validation of advanced Simulation-based communication course for intensive care residents.	Anesthesiology Depart. Sheba Medical Center
2009	Moris Batumsky, MD	Entry level laparoscopic skills of junior trainees as compared to expert performance on the LapMentor VR simulator	Depart of General Surgery B, Sheba Medical Center
2009	Yaheli Miller, MD	Team work in the OR – CRM workshop for senior residents in general surgery	Depart. of General Surgery A HaSharon Hospital Golda Campus, Rabin Med. Center
2010	Avraham Unterman, MD	Development and assessment of a curricular unit based on simulated patients and simulated students in order to improve clinical teaching skills among tutors of medical students.	Internal Medicine B Department, Sheba Medical Center

H. Publications

B.1. Original Articles

1. A Moses, **A Ziv**, M Harari, G Rahav, M Shapiro, D Engelhard
Increased incidence and severity of streptococcus pyogenes bacteremia in young children.
Ped Infect Dis J 14:767-770,1995 (IF – 3.176 ; 7/86)
2. M Friedman Ben-David, J Boulet, W Burdick, **A Ziv**, R Hambleton, N Gary
Issues of validity and reliability concerning who scores the post-encounter patient-progress note.
Academic Medicine 72:S79-S81,1997 (IF – 1.867 ; 2/24)

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3. **A Ziv**, M Friedman Ben-David, A Sutnick, N Gary
Lessons learned from six years of international administrations of the ECFMG's SP-based clinical skills assessment.
Academic Medicine 73:84-91,1998 (IF – 1.867 ; 2/24)
4. J Boulet, M Friedman Ben-David, R Hambleton, W Burdick, **A Ziv**, N Gary
An investigation of the sources of measurement error in the post-encounter written scores from standardized patient examinations.
Advances in Health Sciences Education 3(2):89-100,1998 (IF – 1.254 ; 9/24)
5. **A Ziv**, J Boulet, G Slap
Emergency department utilization by adolescents in the United States.
Pediatrics 101(6):987-994,1998.
6. J Boulet, M Friedman Ben-David, **A Ziv**, W Burdick, M Curtis, S Peitzman, N Gary
Using standardized patients to assess the interpersonal skills of physicians
Academic Medicine 73:S94-S96,1998 (IF – 1.867 ; 2/24)
7. **A Ziv**, J Boulet, G Slap
Utilization of physician offices by adolescents in the United States.
Pediatrics 104(1):35-42,1999 (IF – 4.789 ; 2/86)
8. L Lane, **A Ziv**, J Boulet
A pediatric clinical skills assessment using children as standardized patients
Archives of Pediatrics & Adolescent Medicine, 153(6):637-644,1999 (IF – 4.320; 3/86)
9. D Murray, J Boulet, **A Ziv**, J Woodhouse, J Kras, J McAllister
An acute care skills evaluation for graduating medical students: a pilot study using clinical simulation
Medical Education, 36(9):833-841, 2002 (IF – 2.181 ; 1/24)
10. W Monsky, D Levine, T Mehta, R Kane, **A Ziv**, B Kennedy, H Nisenbaum
Using a sonographic simulator to assess residents before overnight call
American Journal of Radiology (AJR),178(1):35-39 2002 (IF – 2.940 ; 25/92)
11. D Barsuk, H Berkenstadt, M Stein, G Lin, **A Ziv**
Advanced patient simulators in pre-hospital trauma management training – the trainee's perspective
, מכשירי הדמיה (סימולטורים) מתקדמים בהדרכת טראומה – נקודת מבט של המתורגל ,
Harefuah, 142:87-90, 2003
12. H Berkenstadt, **A Ziv**, D Barsuk, I Levine, A Cohen, A Vardi
The use of advanced simulation in the training of anesthesiologists to treat chemical warfare casualties
Anesth Analg, 96:1739-42, 2003 (IF – 2.590 ; 6/22)
13. **A Ziv**, P Wolpe, S Small, S Glick
Simulation-based medical education – An ethical imperative
Academic Medicine, 78(8):783-788, 2003 (IF – 1.867 ; 2/24)
Also Published (as Reprint) at Simulation in Healthcare, 1(4):252-256, 2006

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Also honored to be selected to the special Web Site Collection of *Academic Medicine AM Classics* (as an article that has been cited over 50 times since its publication)

14. J Boulet, D Murray, J Kras, J Woodhouse, J McAllister, **A Ziv**
Reliability and Validity of a Simulation-Based Acute-Care Skills Assessment for Medical Students and Residents
Anesthesiology, 99(6):1270-1280, 2003 (IF – 5.124 ; 2/22)
15. A Vardi, H Berkenstadt, I Levin, A Bentenkor, **A Ziv**
Intraosseous vascular access in the treatment of chemical warfare casualties assessed by advanced simulation: proposed alteration of treatment protocol.
Anesth Analg, 98:1753-1758, 2004 (IF – 2.590 ; 6/22)
16. D Barsuk, **A Ziv**, G Lin, A Blumenfeld, O Rubin, I Keidan, Y Munz, H Berkenstadt
Using Advanced Simulation for Recognition and Correction of Gaps in Airway and Breathing Management Skills in Prehospital Trauma Care
Anesth Analg, 100:803-9, 2004 (IF – 2.590 ; 6/22)
17. A Perel, H Berkenstadt, **A Ziv**, R Katzenelson, A Aitkenhead
Anaesthesiologists' views on the need for a point-of-care information system in the operating room: A survey of the European Society of Anaesthesiologists
European Journal of Anesthesiology, 21:898-901, 2004 (IF – 1.550 ; 14/22)
18. H Reuveni, A Tarasiuk, T Wainstock, **A Ziv**, A Elchayani, A Tal
Awareness level of obstructive sleep apnea syndrome during routine unstructured interviews of a standardized patient by primary care physicians.
Sleep, 15;27(8):1518-25, 2004 (IF – 4.475 ; 17/156)
19. R Cohen, D Harduf, B Raichman, Y Danziger, **A Ziv**
Development and assessment of simulated patient based curricular unit in order to improve clinical skills in adolescent medicine of pediatric and family practice residents
פיתוח והערכת יחידה לימודית מבוססת חולים מדומים לשיפור כישורים קליניים בקרב מתמחים ברפואת ילדים ורפואת משפחה בתחום רפואת המתבגרים.
Harefuah, 143:863-868, 2004
20. O Lernau, T Halamish-Shani, Y Gershtanski, E Kantor, S Benita, **A Ziv**
Simulation-based Informed Consent workshop for Surgeons and Ob-Gyns.
סדנת סימולציה לכירורגים וגניקולוגים בנושא הסכמה מדעת.
Harefuah, 143:869-872, 2004
21. **A Ziv**, S Ben-David, M Ziv
Simulation Based Medical Education - An opportunity to learn from errors
Medical Teacher, 27(3):193-199, 2005 (IF – 1.121 ; 10/24)
22. H Berkenstadt, GS Kantor, Y Yusim, N Gafni, A Perel, T Ezri, **A Ziv**
Feasibility of Sharing Simulation-Based Evaluation Scenarios in Anesthesiology
Anesth Analg, 101:1068-74, 2005 (IF – 2.590 ; 6/22)
23. H Berkenstadt, Y Yusim, R Katznelson, **A Ziv**, D Livingston, A Perel
A Novel Point-of-care Information System Reduces Anesthesiologists' Errors While Managing Case Scenarios.
Eur J Anesthesiol, 23(3):239-50, 2006 (IF – 1.550 ; 14/22)

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24. H Berkenstadt, Y Yusim, **A Ziv**, T Ezri, A Perel
An Assessment of a Point-of-care information system for the Anesthesia Provider in Simulated Malignant Hypertention Crisis (Brief Report).
Anesth Analg, 102:530-532, 2006 (IF – 2.590 ; 6/22)
25. H Berkenstadt, **A Ziv**, N Gafni, A Sidi
Incorporating Simulation-Based Objective Structured Clinical Examination (OSCE) into the Israeli National Board Examination in Anesthesiology.
Anesth Analg, 102(3):853-8, 2006 (IF – 2.590 ; 6/22)
26. H Berkenstadt, Y Munz, G Trodler, A Blumenfeld, D Barsuk, **A Ziv**
Evaluation of the Trauma-Man® Simulator for Training in Chest Drain Insertion.
Eur J Trauma;32:523-526, 2006
27. **A Ziv**, D Erez, Y Munz, A Vardi, D Barsuk, I Levine, S Benita, O Rubin, H Berkenstadt
The Israel Center for Medical Simulation: A Paradigm for Cultural Change in Medical Education
Acad Med; 81(12):1091-1097, 2006 (IF – 1.86 ; 2/24)
28. A Lang, E Melzer, S Bar-Meir, R Eliakim, **A Ziv**
Clinical and communication simulation workshop for fellows in gastroenterology: the trainee's perspective.
סדנת סימולציה קלינית ותקשורתית משולבת למתמחים
בגסטרואנטרולוגיה: נקודת מבטו של המתורגל
Harefuah,145: 798-802, 2006
29. A Augarten, R Zaslansky, I Matok, T Minuskin, L Lerner-Geva, G Hirsch-Yechezkel, **A Ziv**, I Shavit, N Yativ, I Keidan
The impact of educational intervention programs on pain management in a pediatric emergency department.
Biomedicine & Pharmacotherapy; 60 (7):299-302, 2006 (IF – 2.198 ; 41/83)
30. H Berkenstadt, **A Ziv**, N Gafni, A Sidi
The Validation Process of Incorporating Simulation-Based Accreditation into the Anesthesiology Israeli National Board Exams.
IMAJ; 10(8):728-733, 2006 (IF – 0.626 ; 85/107)
31. D Shefet, H Dascal-Weichhendler, O Rubin, N Pessach, D Itzik, S Benita, **A Ziv**
Domestic violence: a national simulation-based educational program to improve physicians' knowledge, skills and detection rates.
Med Teach; 29(5):133-8, 2007 (IF – 1.12 ; 10/24)
32. I Shavit, I Keidan, Y Hoffmann, L Mishuk, O Rubin, **A Ziv**, I Steiner
Enhancing Patient Safety During Pediatric Sedation: The Impact of Simulation-based Training of Non-Anesthesiologists
Arch Pediatr Adolesc Med; 161(8):740-743, 2007 (IF – 4.3 ; 3/86)
33. S Maslovitz, G Barkai, J Lessing, **A Ziv**, A Many
Recurrent obstetric management mistakes identified by simulation
Obstet Gynecol; 109:1295-1300, 2007 (IF – 4.397 ; 2/61)

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34. Keidan, I.; Gravenstein, Dietrich; Berkenstadt, Haim; **Ziv, A**; Shavit, Eli; Sidi, Avner
Supplemental Oxygen Compromises the Use of Pulse Oximetry for Detection of Apnea and Hypoventilation during Sedation in Simulated Pediatric Patients
Pediatrics; 122:293-298, 2008 (IF – 4.789 ; 2/86)
35. A Bar dayan, H Berkenstadt, **A Ziv**, Y Munz,
A Simple Low Cost Platform for Basic Laparoscopic Skills training,
Surgical Innovation; 15(2):136-142, 2008 (IF – 2.171 ; 40/148)
36. H Berkenstadt, Y Haviv, A Tuval, Y Shemesh, A Megrill, A Perry, O Rubin, **A Ziv**
Improving Handoff Communications in Critical Care Unit Utilizing Simulation-Based Training: Toward Process Improvement in Managing Patient Risk
Chest; 134:158-162, 2008 (IF – 5.154 ; 4/40)
37. **A Ziv**, O Rubin, A Moshinsky, N Gafni, M Kotler, Y Dagan, D Lichtenberg, YA Mekori, M Mittelman
Mor – A Simulation-based assessment center for evaluating the personal and interpersonal qualities of medical school candidates
Medical Education; 42: 991-998, 2008 (IF – 2.181 ; 1/24)
38. S Maslovitz, G Barkai, Y Lessing, **A Ziv**, A Many
Improved Accuracy of Postpartum Blood Loss Estimation as Assessed by Simulation
Acta Obstetricia et Gynecologica; 87:929-934, 2008 (IF – 1.356 ; 43/61)
39. **A Ziv**, R Cohen, B Reichman, S Ben-David, D Hardoff
Physician Communication with Adolescent Patients: A Performance Assessment of a Simulated-Patient-Based Programs.
International Journal of Child and Adolescent Health; 1:1: 19-25, 2008
40. Y Beit, D Hardof, E Rom, **A Ziv**
A Simulated-Patient-Based Program for Training Gynecologists in Communication with Adolescent Girls presenting with Gynecological Problems.
J Pediat Adolesc Gynecol; 22:79-84, 2009 (IF – 0.758)
41. A Shachak, M Hadas-Dayagi, **A Ziv**, S Reis
Primary care physicians' use of an electronic medical record system: a cognitive task analysis.
J Gen Intern Med (JGIM); 24(3):341-8, 2009 (IF – 2.720 ; 25/100)
42. M A Weingarten, N Guttman, H Abramovitz, R Stashevsky-Margalit, D Roter, **A Ziv**
J Yaphe, J M Borkan
An Anatomy of Conflicts in Primary Care Encounters; A Multi-Method study.
Family Practice; 0:1-8, 2009 (IF – 1.630 ; 48/107)
43. Hardoff D, Danziger Y, Reisler G, Stoffman N, **Ziv A**
Minding the gap: training in adolescent medicine when formal training programs are not available.
Arch Dis Child Educ Pract Ed; 94(5):157-60, 2009 (IF – 3.011 ; 8/86)

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44. Dong Y, Suri HS, Cook DA, Kashani KB, Mullon JJ, Enders FT, Rubin O, **Ziv A**, Dunn WF
Simulation-based Objective Assessment Discerns Clinical Proficiency in Central Line Placement: A Construct Validation.
Chest; 137(5):1050–1056, 2010 (IF – 5.154 ; 4/40)
45. A Farfel, D Hardoff, A Afek, **A Ziv**
Effect of a Simulated-Patient-Based Educational Program on the Quality of Medical Encounters at Military Recruitment Centers
IMAJ; 12:455-459, 2010 (IF – 0.626 ; 85/107)
46. R Aggarwal, GZ Yang, O Mytton, M Derbrew, D Hananel, M Heydenburg, B Issenberg, C Macaulay, ME Mancini, T Morimoto, N Soper, **A Ziv**, R Reznick
Training and Simulation for Patient Safety.
Qual Saf Health Care; 19(Suppl 2):i34-i43, 2010 (IF – 2.554 ; 13/62)
47. Y Ben-Yehuda, S Attar-Schwartz, **A Ziv**, M Jedwab, R Benbenisty
Child Abuse and Neglect: Reporting by Health Professionals and their Need for Training.
IMAJ; 12: 598–602, 2010 (IF – 0.626 ; 85/107)
48. E Ben-Menachem, T Ezri, **A Ziv**, A Sidi, S Brill, H Berkenstadt
Objective Structured Clinical Examination–Based Assessment of Regional Anesthesia Skills: The Israeli National Board Examination in Anesthesiology Experience
Anesth Analg; 112:242–5, 2011 (IF – 2.590 ; 6/22)
49. P David, **A Ziv***, T Rachamim
"Live Intervention": Simulation-based supervision for social workers treating abused children and their families.
התערבות ב"שידור חי": שימוש בסימולציה להכשרת עובדים סוציאליים המטפלים בילדים נפגעי אלימות ובבני משפחותיהם
Society and Welfare Quarterly for Social Work, 30 (3-4):539-551, 2010
*2nd author in this journal is equivalent to last author in medical journals

B.1 Accepted for Publication

50. D Hardoff, **A Ziv**
Simulated-patient-based educational programs for improvement of physicians' communication skills with adolescents: A 7-year experience at the Israel Center for Medical Simulation. תוכניות הדרכה מבוססות חולים מדומים לשיפור מיומנויותיהם של רופאים בתקשורת
Accepted for publication in Harefuah; 2010 עם מתבגרים ניסיון בן 7 שנים במסד
51. G Ben Gal, El Weiss, N Gafni, **A Ziv**
Primary Assessment of Haptic Virtual Reality Simulator (IDEA Dental) for Dental Manual Dexterity Training
Accepted for publication in Journal of Dental Education; 2010 (IF – 1.087 ; 45/64)
52. E Ben-Menachem, T Ezri, **A Ziv**, A Sidi, H Berkenstadt
Checking and Management of Technical Malfunction of the Anesthesia Machine – Lessons Learned from the Israeli Board of Anesthesiologists
Accepted for publication in Anesth Analg, (IF – 2.590 ; 45/64)

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B.1 Submitted for Publication

53. N Gafni, A Moshinski, O Eisenberg, D Zigler **A Ziv**
Reliability Estimates of Behavioral Stations Used in Medical Schools Admissions
Submitted for publication to Medical Education; 2010
54. Z Amin, J Boulet, D A. Cook, R Ellaway, A Fahal, R Kneebone, M Maley, D Ostergaard,
G Ponamperuma, A Wearn, **A Ziv**
Ottawa 2010 Consensus Statement - Technology-Enabled Assessment of Health
Profession Education.
Submitted for publication to Medical Teacher; 2011

Reviewer in Scientific Medical Journal and Grant Funds

1. Medical Teacher
2. Israeli Medical Association Journal (IMAJ)
3. Harefuah
4. Academic Medicine
5. Anesthesia Analgesia
6. Anesthesiology
7. Simulation in Healthcare Journal (also member of the editorial board)
8. Academic Medicine
9. Medical Education
10. Pediatrics
11. National Board of Medical Examiners (NBME) - Stemmler Medical Education Research Fund
12. Journal of the Society for Adolescent Medicine (SAM)
13. International Journal of Surgery
14. Journal of Dental Education

B.3. Review Articles

1. **A Ziv**, S Small, P Wolpe
Patient safety and simulation based medical education.
Medical Teacher 22(5):489-495,2000.
2. P Barach, **A Ziv**, M Bloch, M Maze
Simulation in Anesthesia.
Min Invas Ther & Allied Technol(MITA),9(5):1-4,2000.

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3. L Lane, S Slavin, **A Ziv**
Simulation in medical education: A review.
Simulation & Gaming,32(3):297-314,2001.
4. **A Ziv**
Medical simulation as an educational tool to improve patient safety culture – vision and implementation.
סימולציה רפואית ככלי חינוכי לשינוי תרבות בטיחות החולה – חזון ויישום
Israel Medical Management Assoc J.,1:14-18,2001.
5. A Vardi, I Levin, H Berkenstadt, A Hourvitz, A Eisenkraft, A Cohen, **A Ziv**
Simulation-based training of medical teams to manage chemical warfare casualties.
Isr Med Assoc J. 4(7):540-4, 2002
6. H Berkenstadt, D Erez, Y Munz and **A Ziv**
Simulation-based trauma management training. Paper published in:
Anesthesiology Clinics of North America Trauma issue. Shamir M and Weiss Y G; Editors. Elsevier/Saunders publishers, 2006
7. **A Ziv**, O Rubin, A Sidi, H Berkenstadt
Credentialing and Certifying with Simulation. Paper published in Anesthesiology Clinics
Clinics of North America: New Vistas in Patient Safety and Simulation. Kofke A W and Nadkarni V; Editors. Elsevier/Saunders publishers, 2007
8. **A Ziv**, H Berkenstadt
Simulation-based Medical Education. Translated from English to Spanish and published in JANO 1.701: 42-45, 2008

B.4. Chapters in Books

1. A Vardi, I Levin, H Berkenstadt, A Cohen, **A Ziv**
Simulation Based Training of Medical Teams to Manage Chemical Warfare Casualties. Terror and Medicine. Shemer S; Shoenfeld Y; Editors. PABST Science Publishers. 2003
2. **A Ziv** and H Berkenstadt
Multidisciplinary, Multimodality Medical Simulation Center – The Israeli Model. Simulators in Critical Care Medicine and Beyond. Dunn W; Editor. Society for Critical Care Medicine (SCCM) Press Publishers, 2004
3. **A Ziv**
Simulators and Simulation-based Medical Education. A Practical Guide for Medical Teachers – 2nd edition. Dent J A and Harden R M; Editors. Elsevier Publishers, 2005
3rd edition. Dent J A and Harden R M; Editors. Elsevier Publishers, 2009
4. **A Ziv**, D Erez and H Berkenstadt
Simulation on a National Level (Israel). Chapter published in: Clinical Simulation: Operations, Engineering and Management. R Kyle and W B Murray; Editors. Elsevier Publishers, 2007

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5. O Rubin, H Berkenstadt and **A Ziv**
Intern Training – The Israeli Model. Chapter published in: A manual of Simulation in Healthcare. Riley R H; Editor. Oxford University Press Publishers, 2008
* Note: The Book Received the **First Prize** (basis of medicine) in the 2009 British Medical Association (MBA) **Medical Book Competition Awards**

D.1. Invited Papers in Scientific Meetings (Invited Speaker)

1. **A Ziv**, S Small, P Wolpe
Patient safety and simulation based medical education. Paper presented at the annual meeting of the Association for Medical Education of Europe (AMEE), Beer Sheva, Israel, 2000
2. **A Ziv**
Simulation-based Medical Education – Road mapping. Paper presented at the First International Meeting on Advancing medical education: patient safety, simulation & teamwork, Chicago, USA, 2001
3. **A Ziv**
The role of simulation in medical education. Paper presented at the World Health Organization workshop on Robotics Simulations – use in medical education & assessment, Barcelona, Spain, 2001
4. **A Ziv**
Current status of medical simulation. Paper presented at Third EPES International Forum – “Technological Innovations in Health Services”, Malaga, Spain, 2001
5. **A Ziv**
Simulation-based Medical Education, Paper presented at the 13th Annual Meeting of the Catalan Association for critical Medicine, Sabadell, Spain, 2002
6. **A Ziv**
A Multimodality, Multidisciplinary National Medical Simulation Center - The Israeli Experience. Paper presented at the Harvard – Macy Foundation Reunion – “Visions in Medical Simulation”, Mayo Clinic, Rochester, USA' 2002
7. **A Ziv**
The Israel Center for Medical Simulation Model and National Role in Israel's Emergency Preparedness. Paper presented at The “Shoresh” & Biomedical Meetings. Herzlia, Israel, 2003
8. **A Ziv**
High Fidelity Patient Simulation: A revolution in Medical Science Education. Paper presented at The 7th Annual Meeting of the International Association of Medical Science Educators (IAMSE), Washington DC, USA, 2003
9. **A Ziv** and H Berkenstat
National Comprehensive Interdisciplinary, Multimodality, Medical Simulation Center: The Israeli Model and Experience. Paper presented at the 4th Annual International Meeting on Medical Simulation, Albuquerque/Santa Fe, NM, USA, 2004 - Also published as an abstract in Anesth Analg, 98: 5S:S43, 2004

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10. **A Ziv**
A Multimodality, Multidisciplinary National Medical Simulation Center - The Israeli Experience. Paper presented at the 33rd Critical Care Congress of the Society of Critical Care Medicine (SCCM), Orlando, Florida, USA, 2004
11. **A Ziv**
Simulation-Based Large Scale Emergency Preparedness Training Programs: The National Role of the Israel Center for Medical Simulation (MSR). Paper presented at the 2004 Michigan Homeland Security Training Conference. Grand Rapids, Michigan, USA, 2004
12. **A Ziv**
Opportunities for Critical Care Education, Research and Enhanced Practice through Simulation. Paper presented at the Mayo Clinic Critical Care Grand Rounds, Rochester, Minnesota, USA, 2004
13. **A Ziv**
Medical Simulation as a Means to Change Patient Safety Culture
Paper presented at the Mayo Clinic Patient Safety Forum Grand Rounds, Rochester, Minnesota, USA, 2004
14. **A Ziv**
Simulation-based Medical Education as a Cultural Change Vehicle. Paper presented at the 11th Ottawa Conference on Medical Education & Assessment, Barcelona, Spain, 2004
15. **A Ziv**
Simulation-based Medical Education – From Vision to reality: The Israeli Experience. Paper presented at the McGill University Medical Grand Rounds, Montreal, Canada, USA, 2004
16. **A Ziv**
Simulation-based Medical Education – From Vision to reality: The Israeli Experience. Paper presented at the McGill University Surgical Grand Rounds, Montreal, Canada, USA, 2004
17. **A Ziv**
Simulation-based Medical Education: Innovative applications, Trends and Future Challenges. Paper presented at the 5th International Meeting on Medical Simulation (IMMS), Miami, Florida, 2005
18. **A Ziv**
Creating an Institutional Culture of Safety through Simulation. Paper presented at the 5th International Meeting on Medical Simulation (IMMS), Miami, Florida, 2005
19. **A Ziv**
Simulation-based large scale emergency preparedness training programs. Paper presented at the 3rd International Symposium on Virtual Reality, Associated Technologies and Rehabilitation, Haifa, Israel, 2005

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20. **A Ziv**
Simulation as a tool to improve quality and safety in medicine. Paper presented at the Annual Scientific Meeting of the Israeli Society for Ergonomics and Human Engineering, Israel, 2005
21. **A Ziv**
Simulation as an educational and assessment tool in medicine – from vision to reality. Paper presented at the 12th Annual conference on learning and training in Israeli organizations. Ramat-Gan, Israel, 2005
22. **A Ziv**
Medical simulation as a tool for individual training for quality health care – from vision to reality. Paper presented at the 17th Israeli Congress of General Practice- Family Medicine, Tel-Aviv, Israel, 2005
23. **A Ziv**
Risk Management and quality assurance on electronic record files. Presented at the Annual Meeting of the Israel Association for Medical Informatics, Tel-Aviv, IL, 2005
24. **A Ziv**
Practical Application of Simulation in Medical School. Paper presented at the Annual Meeting of the American Association of Medical Colleges (AAMC), Washington, D.C., USA, 2005
25. **A Ziv** and O Rubin
Development and Application of a simulation-based assessment center for non-cognitive attributes screening of candidates to Tel-Aviv University Medical School. Paper presented at the OMEN Medical Education Grand Rounds, Haifa, Israel / Ontario, Canada, 2005
26. **A Ziv**
Simulation-based Medical Education – From Vision to reality: The Israeli Experience. Paper presented at the Temple University Surgical Grand Rounds, Philadelphia, USA, 2006
27. **A Ziv**
Simulation-based Medical Education – From Vision to reality: The Israeli Experience. Paper presented at the Thomas Jefferson University Medical School Grand Rounds, Philadelphia, USA, 2006
28. **A Ziv**
Simulation as a high-stakes performance assessment tool – the Israeli Experience. Paper presented at the Annual Meeting of the American Board of Surgery, Tampa, USA, 2006
29. **A Ziv** and H Berkenstat
Simulation in Military and Hazardous Environments: The Israeli experience in training healthcare providers for biological and chemical attacks. Paper presented at the 6th Annual International Meeting on Medical Simulation (IMMS), San Diego, CA, USA, 2006

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30. **A Ziv** and W Dunn
Starting a simulation center: A tale of two centers. Paper presented at the 6th Annual International Meeting on Medical Simulation (IMMS), San Diego, CA, USA, 2006
31. **A Ziv** and H Berkenstat
High-Fidelity Simulation should be used for high-stakes examination – Pro/Con. Paper presented at the 6th Annual International Meeting on Medical Simulation (IMMS), San Diego, CA, USA, 2006
32. **A Ziv**
National Simulation Initiatives: The Israeli Simulation-based mandatory training program for Interns. Paper presented at the 6th Annual International Meeting on Medical Simulation (IMMS), San Diego, CA, USA, 2006
33. **A Ziv**
Simulation-based Training to enhance the safety of Community Care: The Israeli Experience. Paper presented at the 1st Annual Conference on Safety in Community Care, Edmonton, Alberta, Canada, 2006
34. **A Ziv**
Simulation and Patient Safety. Paper presented at the Capital Health Regional Simulation Grand Rounds, Edmonton, Alberta, Canada, 2006
35. **A Ziv**
Emerging Technologies in Rehabilitation. Paper presented at the Glenrose Rehabilitation Hospital Grand Rounds, Edmonton, Alberta, Canada, 2006
36. **A Ziv**
Simulation-based Training: Strategies for Improving Patient Safety. Paper presented at the Maimonides Infants & Children's Hospital of Brooklyn Grand Rounds, New York, NY, USA, 2006
37. **A Ziv**
Simulation-based Medical Education: Innovative Concepts, Applications and Challenges. Paper presented as the Miriam Friedman Memorial Lecture at the 12th Ottawa Conference on Medical Education & Assessment, New-York, NY, USA, 2006
38. **A Ziv**
Simulation-Based Education on a National Scale: The Israeli Experience
Paper presented at the Annual Safar Symposium of the University of Pittsburg School of Medicine, Pittsburg, USA, 2007
39. **A Ziv**
Medical Simulation as a Tool to Advance Quality in Medicine. Paper presented at the 14th Annual Conference of the Israeli Society for Quality in Medicine, Ramat Gan, Israel, 2007
40. **A Ziv**
Simulation Based Medical Education: Creative Frontiers (Innovation in ORL Education: Will Dummies Make us Smarter?). Paper presented at the Annual Meeting of the American Association for Otolaryngology and Head and Neck Surgery (AAO-HNS), Washington D.C., USA, 2007

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41. **A Ziv**
Simulation-Based Medical Education: From Vision to Reality. Paper presented at the Annual Meeting of The Spanish Society for Medical Education (SEDEM) Tenerife, Spain, 2007
42. **A Ziv**
Simulation as a Training Tool for on Health Care Providers at all Levels. Paper presented at the 26th Annual Fall Symposium – Autumn in New York 2007: Patient Safety Through Technology and Improved Communication. New York, NY, USA, 2007
43. **A Ziv**
Simulation-Based Medical Education: From Vision to Reality. Paper presented at the Grand Rounds of The Encino-Tarzana Regional Medical Center. Los Angeles, CA, USA, 2007
44. **A Ziv**
Medical Simulation: Changing the Face of Medical Education in the 21st Century. Paper presented at the Paediatric Grand Rounds of The Hospital for Sick Children, Toronto, Canada, 2008
45. **A Ziv**
Simulation: Implications for Quality Health Care. Paper presented at the Grand Rounds of The Calgary Health Region, Calgary, Canada, 2008
46. **A Ziv**
Impact of Simulation Training on Health Care Provision. Paper presented at the London Deanery Conference on Simulation and Patient Safety – an International Perspective, The Royal College of Surgeons, London, England, 2008
47. **A Ziv**
Simulation-based Training: A Cultural Change Vehicle of the 21st Centaury Medical Education. Paper presented at the 20th Forum for Leaders in Medical Education of the Japan Medical Education Foundation (JMEF). Tokyo, Japan, 2008
48. **A Ziv**
Simulation-based Training as a Cultural Change Vehicle in Health Care Quality and Safety Education. Paper presented at the 25th Conference of the International Society for Quality in Healthcare (ISQua), Copenhagen, Denmark, 2008
52. **A Ziv**
Simulation-based Training as a Cultural Change Vehicle in Health Care Quality and Safety Education. Paper presented at the Grand Rounds of the Max Healthcare Hospital, Delhi, India, 2009
53. **A Ziv**
The Role of Simulation in Competency-Based Training and Patient Safety Education in Medical Schools. Paper presented at the International Workshop on Medical Education in the 21st Century: The New Medical School in the Galilee, New Paradigms, Innovations and Challenges, Safed, Israel, 2009

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54. **A Ziv**
Simulation-Based Competency Assessment: Changing the Face of Medical Education in the 21st Century. Paper presented at the International Conference on Residency Education (ICRE): Innovations in Residency Education, Royal College of Physicians and Surgeons of Canada, Victoria, British Columbia, Canada, 2009
55. **A Ziv**
Simulation-Based Education as a Cultural Change Vehicle in Healthcare Quality and Safety Education. Paper presented at the Simulation Summit of the Royal College of Physicians and Surgeons of Canada, Victoria, British Columbia, Canada 2009
55. **A Ziv**
The Role of Medical Simulation in the 21st Century: Training and Assessment of Health Professionals. Paper presented at the 97th Annual Meeting of the Medical Council of Canada (MCC). Ottawa, Canada 2009
56. **A Ziv**
The Role of Simulation in Competency-Based Training and Patient Safety Education in Medical Schools. Paper presented at the WHO-Patient Safety Alliance Session on Patient Safety Curriculum for Medical Schools. The 26th Conference of the International Society for Quality in Healthcare (ISQua), Dublin, Ireland, 2009
57. **A Ziv**
Simulation-based Education as a Cultural Change Vehicle in Healthcare Quality & Safety Education. Paper presented at the British National Association of Medical Simulators and the Clinical Skills Network (NAMS – CNS), Manchester, UK, 2009
58. **A Ziv**
Simulation-based Education as a Cultural Change Vehicle in Healthcare Quality & Safety Education. Paper presented at the University of Montreal Grand Rounds, Montreal, Quebec, Canada, 2009
59. **A Ziv**
Simulation-based Education as a Cultural Change Vehicle in Healthcare Quality & Safety Education. Paper presented at the Netherlands Association of Medical Educators(NVMO) Conference, Egmond an zee, Netherlands, 2009
60. **A Ziv**
Simulation-based National Competency Assessment Initiatives - Lessons Learned. Paper presented at the 14th Ottawa Conference on the Assessment of Competence, Miami, Florida, 2010
61. **A Ziv**
Simulation-based National Large Scale High-Stakes Assessment: Lessons Learned. Paper presented at the 16th Annual Meeting of the Society in Europe for Simulation Applied to Medicine (SESAM)
Groningen, Netherlands, 2010
62. **A Ziv**
Simulation-based Education as a Cultural Change Vehicle in Healthcare Quality & Safety Education. Paper presented at the Association for Medical Education in Europe (ADEE), Amsterdam, Netherlands, 2010

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63. **A Ziv**
Simulation-based Education in Healthcare: Impact on Patient Safety, Culture and Practice. Paper presented at the Annual Conference of the American Society of Extracorporeal Technology (AmSECT) and the International Consortium for Evidence-based Perfusion (ICEBP), Toronto, Canada, 2010
64. **A Ziv**
Simulation-based National Large Scale High-Stakes Assessment: Lessons Learned. Paper presented at the 11th Annual International Meeting on Simulation in Healthcare (IMSH), New-Orleans, Louisiana, USA, 2011
65. **A Ziv**
Simulation-based Education as a Cultural Change Vehicle of the 21st Century Continuing Medical Education. Paper presented at the 8th Asia Pacific Medical Education Conference (APMEC), Singapore, 2011

Invited Speaker in other Medical and Educational Forums

1. **A Ziv**
Israel's Medical Emergency Preparedness – The Role of the Israel Center for Medical Simulation. Paper presented at the **Greater New York Hospital Association Conference on "Emergency Preparedness"**, New York, USA, 2002
2. **A Ziv**
The Israel Center for Medical Simulation. Paper presented at the Israel Medical Schools' Deans Association Medical Education Conference, Haifa, Israel, 2002
3. **A Ziv**
Medical Simulation as an educational tool to improve patient safety culture. Paper presented at the Israeli Ministry of Health Medico-Legal Semi-Annual Conference, Maale Hachamisha, Israel, 2002
4. **A Ziv**
Israel's Medical Emergency Preparedness – The Role of the Israel Center for Medical Simulation. Paper presented at the **"Emergency Preparedness" Committee at the United States Congress** (Hosted by House representative Jane Harman), Washington DC, USA, 2003
5. **A Ziv**
Israel's Medical Emergency Preparedness – The Role of the Israel Center for Medical Simulation. Paper presented at the **Department of Human and Health Services "Emergency Preparedness" Division**, Washington DC, USA, 2003
6. **A Ziv**
A Multimodality, Multidisciplinary Medical Simulation Center – The Israeli Experience. Paper presented at the **Chicago Institute of Health Meeting on Medical Simulation**, Chicago, USA, 2003

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7. **A Ziv**
Simulation-based Medical Education - A Patient Safety Tool. Paper presented at the Annual Conference of The Israel Union of Hospital Directors, Haifa, Israel, 2003
8. **A Ziv**
Training for Disaster as a paradigm for improving National Emergency preparedness. Paper presented at the Medicine in the Era of Global Terrorism Conference, Atlantic City, New Jersey, USA, 2003
9. **A Ziv**
Israel's Medical Emergency Preparedness – Training for Mass Casualty Events in Israel. Paper presented at the **Greater New York Hospital Association Conference on "Emergency Preparedness"**, New York, USA, 2003
10. **A Ziv**
The Use of Simulation in Medical Education-Teaching and Research. Paper presented at the Annual Meeting of the Israeli Society of Teachers and Investigators in Family Medicine, Maale Hachamisha, Israel, 2003
11. **A Ziv**
Medical Simulation as an Educational Tool – from Vision to Reality. Paper presented at the Annual Meeting of the National Institute for Testing and Evaluation, Shfaim, Israel, 2003
12. **A Ziv**
The use of medical simulation to improve national emergency preparedness. Paper presented at the national conference on "Social Work at times of emergencies in Health and rehabilitation systems", Ramat Gan, Israel, 2003
13. **A Ziv**
Lessons learned from Simulation-based education in medicine. An invited presentation for the National Committee for Educational Reforms ("Dovrat Committee"), Israel, 2004
14. **A Ziv**
Simulation-Based Medical Education as a Cultural Change Vehicle: The Israeli Experience. Paper presented at the Stanford University Public Launch Event of the Center for Immersive & Simulation-based Learning, Stanford, CA, USA, 2004
15. **A Ziv**
Simulation as an educational tool for improving the safety and quality of health care. Paper presented at the 4th Galil Center Symposium on Medical Informatics and learning technologies, Haifa, Israel. 2005
16. **A Ziv**
International Perspective on Patient Simulation. Paper presented at the National Patient Simulation Symposium of the Canadian Patient Safety Institute, Edmonton, Canada, 2005

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17. **A Ziv**
The future of medical education and patient safety. Paper presented at the Mt. Sinai Health Care Foundation Annual Meeting, Cleveland, USA, 2005
18. **A Ziv**
Simulation-based Medical Education as a tool to improve clinical and communication skills in medicine: from Vision to Reality. Paper presented at the Annual Meeting of the Israeli Social Security Physicians, Israel 2005
19. **A Ziv**
Simulation-based Medical Education as a tool to improve safety and quality in medicine: from Vision to Reality. Paper presented at the Annual Meeting of the Israeli Institute of Internal Auditors, Jerusalem Israel, 2005
20. **A Ziv** and D Shefet
Learning through experience – Simulation-based domestic abuse training for health professionals. Paper presented at the 3rd Annual Conference of the Israeli Health System Domestic Abuse Committees, Israel, 2005
21. **A Ziv** and D Shefet
Simulation-based domestic abuse training for health professionals. Paper presented at the meeting of the Israeli National Council for Women Health, Tel-Aviv, Israel, 2005
22. **A Ziv**
Simulation-based education as a tool to enhance professional preparedness. Paper presented at Faculty Professional Development Day of The Michener Institute, Toronto, Canada, 2006
23. **A Ziv**
Simulation-based Medical Education as a Risk Management and Quality Assurance tool. Paper presented at the Annual Conference of the Israel Union of Government Hospital Administrative Directors, AKo, Israel, 2006
24. **A Ziv**
Simulation-based training to improve health professionals skills in managing domestic abuse. Paper presented at the 2nd Eilat Conference on Violence in the Israeli Society, Eilat, Israel, 2006
25. **A Ziv**
Perspectives in Medical Simulation. Paper presented at the McGill University Medical Simulation Center Opening Ceremony, Montreal, Canada, USA, 2006
26. **A Ziv**, O Rubin, N Gafni, A Moshinski, M Mittelman, D Lichtenberg
Development and Application of a Simulation-based Assessment Center for Non-Cognitive Attributes: Screening Candidates to Tel-Aviv University Medical Schools. Paper presented at The Michener Institute Research Day, Toronto, Canada, 2006

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27. **A Ziv**
Simulation-based Medical Education: From Vision to Reality. Paper presented at the American Physicians Fellowship (APF) Symposium in Memory of Prof Leonard Gottlieb, Boston, USA, 2007
28. **A Ziv**
Medical Simulation as a Tool to Improve Communication Skills. Paper presented at the 1st Symposium on "Bracha's Spirit": Human Medicine in a Technological Era. Ramat-Gan, Israel, 2007
29. **A Ziv**
Simulation-based Medical Education: From Vision to Reality. Paper presented at the The Haruv Institute Advisory Board Meeting, Jerusalem, Israel, 2007
30. **A Ziv**
Simulation as a Tool to Improve Communication Competencies in Medicine. Paper presented at the Symposium on Virtual Reality: Technological Applications in the Real World. The Open University, Raanana, Israel, 2008
31. **A Ziv**
Simulation-based Health Professional Education: From Vision to Reality. Paper presented at the Best Practice in Education Rounds (BPER), St. Michael's Hospital, Toronto, Canada, 2008
32. **A Ziv**
The Israel Center for Medical Simulation. Paper presented at the Italian-Israeli Symposium on Emergency Medicine and Hepatology - Italian-Israeli Forum on Science and Technology, Tel Aviv, Israel, 2008
33. **A Ziv**
Medical Simulation as a Cultural Change Tool in Medical Education, Medical Evaluation and Professionalism. Paper presented at the Annual Meeting on Patient-Doctor Communication in Memory of Prof Valero, Haifa, Israel, 2008
34. **A Ziv**
Simulation-based Education to Enhance Cultural Competency of Health Professionals. Paper presented at the Symposium on Cultural Competency in Hospitals, Alyn Hospital, Jerusalem, Israel, 2008
35. **A Ziv**
Comments on Dr. Segal's Paper: "Video as a Patient Safety Tool: A Key to Knowledge, Motivation and Safe Practice." Paper presented at the Symposium on Medical Accidents and Patient Safety in Israel – Legal and Interdisciplinary Perspectives. The Cegla Center for Interdisciplinary Research of the Law, Tel-Aviv University, Israel, 2008
36. **A Ziv**
Medical Simulation: Changing the Face of Medical Education in the 21st Century. Paper presented at the Opening Symposium of the Clinical Skills Center, Groningen University Medical Center, Groningen, The Netherlands, 2008

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37. **A Ziv**
Simulation-based Medical Education as a Patient Safety Cultural Change Vehicle. Paper presented at the World Alliance for Patient Safety Committee on Patient Safety Curriculum, WHO Head Quarters, Geneva, Switzerland, 2008
38. **A Ziv**
Simulation-based Education as a Patient Safety Tool towards a Cultural Change. Paper presented at the Symposium on Patient Safety Collaboration between Israeli and US Hospitals, Jerusalem, Israel, 2008
39. **A Ziv**
Simulation-based Training for Improved Health Professionals' Emergency Preparedness – Multiple lectures presented at MSR, as part of the Israeli Orientation Courses on Emergency and Disaster Management conducted in Israel for International Health Professionals in collaboration with: the Israeli Ministry of Health Emergency Preparedness Division, Israeli Defense Forces (IDF) Medical Corp, Israeli EMS (MDA) and MSR, Israel, 2004-2008
40. **A Ziv**
Medical Simulation as a Risk Management Tool. Lecture presented at the Advanced Risk management Course at the Tel Aviv University Sackler Faculty of Medicine, School for Continuing Medical Education, 2008
41. **A Ziv**
Patient Safety and Risk Management. Multiple Lectures presented at the Tel Aviv University Recanati School of Business Administration - Lahav Executive Education Program for Senior Physicians. Lecture provided to senior Israeli physicians in Hematology, Oncology, Rheumatology, Nephrology, 2007-2009
42. **A Ziv**
Breakthroughs and Fulfilling Dreams – Simulation as a cultural change agent in medical education. Lecture presented at the launching ceremony of the "Zamarot Program" for the development, growth and continuing education of Schools' Principles in Israel. Zichron Yaacov, Israel, 2008
43. **A Ziv**
Simulation-based Training as a Cultural Change Vehicle in Health Care Quality and Safety Education. Paper presented at the Institute for Health Studies, Barcelona, Catalonia, Spain, 2008
44. **A Ziv**
Medical Simulation as a Tool for Changing Awareness and Competence of Medical Teams towards Multicultural Healthcare. Paper presented at the Cultural and Linguistic Gaps in Medical Communication Conference, Sheba Medical Center, Tel Hashomer, Israel, 2009
45. **A Ziv**
Process Excellence & Patient Safety through Medical Simulation and Team Training and Simulation-based community Emergency Preparedness. Papers presented at the Quality Council of India (QCI) Conference, Mumbai and Delhi, India, 2009

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46. **A Ziv**
Breakthroughs and Fulfilling Dreams – Simulation as a cultural change agent in medical education. Lecture presented at the launching ceremony of the "Zamarot Program" for the development, growth and continuing education of Schools' Principles in Israel. Beit-Herut, Israel, 2009
47. **A Ziv**
Pediatric Simulation: Lessons Learned and New Frontiers. Paper presented at the Canadian Pediatric Simulation Network Event at CESEI, Vancouver, British Columbia Canada, 2009
48. **A Ziv**
Medical simulation as a cultural change agent in teaching and assessment in the health professions. Paper presented at the 3rd Annual Conference of the Research Institute for Medicine and Health Professions at the Ono Academic College, Kiriati Ono, Israel, 2009
49. **A Ziv**
Simulation-based Training as a Cultural Change Vehicle in Healthcare Safety & Humanistic Education. Paper presented at the Annual Sa'adi Foundation Ceremony Jerusalem, Israel, 2010
50. **A Ziv**
Medical Simulation as an Educational Tool. Paper presented at the Curriculum Workshop of the Van Leer Jerusalem Institute and the Israel Democracy Institute, Jerusalem, Israel, 2010
51. **A Ziv**
Simulation-based Education as a Cultural Change Vehicle in Healthcare Quality & Safety Education. Paper presented at the Weizmann Institute Educational Seminar, Weizmann Institute of Science, Rehovot, Israel, 2010
52. **A Ziv**
Simulation as a change agent of patient safety cultural and training and certification culture in the medical professions. Paper presented at the Annual Conference of the Directors of the Israeli Sick Funds' Dental Clinics, Maale Hachmisha, Israel, 2010
53. **A Ziv**
Simulation as a tool to improve competencies of healthcare personnel to cope with violence. Paper presented at the National Conference on Coping with Violence in the Healthcare System, Asaph Harofeh Medical Center, Israel, 2010
54. **A Ziv**
Breakthroughs and Fulfilling Dreams – Simulation as a cultural change agent in medical education. Lecture presented at the launching ceremony of the "Zamarot Program" for the development, growth and continuing education of Schools' Principles in Israel. Beit-Herut, Israel, 2010
55. **A Ziv**
Simulation in Pediatrics. Paper presented at the Annual Summer Conference of the Israeli Society for Community Pediatrics, Tel Aviv, Israel, 2010

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56. **A Ziv**
Insights from the simulation-based workshops of the Israeli Society for Pediatric Hemato-oncology at MSR. Paper presented at the Annual Meeting of the Israeli Society for Pediatric Hemato-Oncology, Herzelia, Israel, 2010
57. **A Ziv**
Simulation as cultural change agent and organizational assessment tool. Paper presented at the 4th National Conference on Trends in Educational Policy and Management, Bar-Ilan University, Israel, 2010
58. **A Ziv**
Medical Errors and Risk Management: Trends and Challenges in advancing a culture of safety and Quality in Medicine. Paper presented at the Annual Meeting on Risk Management and Healthcare Quality of the Israel Defense Force Medical Corp, Sheba Medical Center, Tel Hashomer, Israel, 2011

D.2. Papers Presented at Scientific Meetings - Published as Proceedings

1. Y Fomin, D Hare, V Polkanov, S Lordanidi, A Sutnick, M Friedman, J M M Carretero, C Blay-Pueyo, **A Ziv**
The first clinical competence assessment project in the newly independent states. In A I Rothman, R Cohen, eds., Proceedings: The Sixth Ottawa Conference on Medical Education;314-315,1995. Toronto: University of Toronto Bookstore Custom Publishing.
2. **A Ziv**, O Lernau, M Friedman
Peer assessment increases awareness of interpersonal skills and humanistic qualities of medical students. In A I Rothman, R Cohen. eds., Proceedings: The Sixth Ottawa Conference on Medical Education;257-258,1995. Toronto: University of Toronto Bookstore Custom Publishing.
3. J Boulet, M Friedman Ben-David, R Hambleton, W P Burdick, **A Ziv**
Assessing the adequacy of the post-encounter written scores in standardized patient exams. In A J Scherpbier, C P van der Vleuten, JJ Rethans, A F Van der Steeg., eds., Advances in Medical Education,410-412,1997. Proceedings: The Seventh Ottawa Conference on Medical Education and Assessment, 1997. Dordrecht: Kluwer Academic Publishers
4. J Boulet, W Burdick, **A Ziv**, M Friedman Ben-David
The use of holistic scoring for post-encounter written exercise. In ed., Donald E. Melnick, M.D., Evolving Assessment: Protecting the Human Dimension. Proceedings: The Eighth Ottawa Conference on Medical Education and Assessment, 1999.
5. **A Ziv**, M Friedman Ben-David, J Boulet, W Burdick, N Gary
An holistic and behaviorally anchored measure of interpersonal skills: Issues of rater consistency. In ed., Donald E. Melnick, M.D., Evolving Assessment: Protecting the Human Dimension. Proceedings: The Eighth Ottawa Conference on Medical Education and Assessment, 1999.

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6. **A Ziv**, M Friedman Ben-David, J Boulet, W Burdick, N Gary
The use of national medical care surveys to develop and validate test content for standardized patient examinations. In eds., Donald E. Melnick, M.D., In Evolving Assessment: Protecting the Human Dimension. Proceedings: The Eighth Ottawa Conference on Medical Education and Assessment, 1999. Toronto: University of Toronto Bookstore Custom Publishing.

D.3 Abstracts

Abstracts presented as Poster Presentations

1. L Lane, **A Ziv**, K Spachmann, M Friedman
A matrix model to develop a pediatric standardized patient examination for first year residents. Poster presented at the annual meeting of the American Association of Medical Colleges (AAMC), Washington, D.C. USA. 1995.
2. L Lane, **A Ziv**, J Boulet
Assessment of clinical skills in pediatrics. Poster presented at the annual meeting of the Northeast Group on Educational Affairs (NEGEA), Philadelphia, Penn. USA. 1996.
3. L Lane, **A Ziv**, J Boulet
Evaluation of clinical skills in a sample of pediatric and family practice residents. Poster presented at the annual meeting of the American Association of Medical Colleges (AAMC), San Francisco, Calif. USA. 1997.
4. **A Ziv**, L Lane, J Boulet
Use of adolescents as standardized patients in an objective structured clinical evaluation of pediatric and family medicine residents. Poster presented at the annual meeting of the Society of Adolescent Medicine (SAM), San Francisco, USA, 1997.
Also published as an abstract in the J of Adolescent Health 20:172,1997.
5. **A Ziv**, J Boulet, G Slap
Emergency department utilization by adolescents: an analysis of the 1994 National Hospital Ambulatory Medical Care Survey. Poster presented at the annual meeting of the Society of Adolescent Medicine (SAM), Atlanta, USA, 1998
Also published as an abstract in the J of Adolescent Health 22:144,1998.
6. **A Ziv**, Y Donchin, Z Rotstein, M Shani
National Interdisciplinary, Multimodality, Simulation Center: A Unique Concept. Poster presented at the International Meeting on Medical Simulation and the Society of Europeans for Simulation Applied to Medicine (SESAM), Stirling, Scotland, 2001
7. A Vardi, I Levin, H Berkenstadt, A Hourvitz, A Eisenkraft, A Cohen, **A Ziv**
Simulation based training of medical teams to manage chemical warfare casualties. Poster presented at the 3rd Science and Research Fair, Sackler Faculty of Medicine, Tel-Aviv University, Israel, 2002

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8. S Ilnai, T Tzuk, S Alon, V Shtanger, O Toren, A Even zahav, S Banita, T Yohanes, **A Ziv**
A new training program for multidisciplinary teams to identify cases of elder abuse in a hospital in Israel. Poster presented at the 9th Conference of the Israeli Emergency Medicine Association, Tel Aviv, Israel, 2002
9. S Alon, S Ilnai, T Tzuk, , V Shtanger, O Toren, A Even zahav, S Banita, T Yohanes, **A Ziv**
Training program for geriatric staff for screening and detecting cases of elder abuse in a hospital. Poster presented at the 5th European Congress of Gerontology, Barcelona, Spain, 2003
10. H. Berkenstadt, **A Ziv**, R. Dach, N. Gafni, A. Sidi
The Process of Incorporating Simulation-based Competency Assessment into the Israeli National Board Examination in Anesthesiology. Poster presented at the 4th Annual International Meeting on Medical Simulation, Albuquerque/Santa Fe, NM, USA, 2004
Also published as an abstract in Anesth Analg, 98: 5S:S19, 2004
11. H Berkenstadt, **A Ziv**, R Dach, A Sidi
Initial Experience in Incorporating Advanced Simulation to the Israeli National Board Examination - The Examinees Perspective. Poster presented at the International Anesthesia Research Society (IARS) 78th Clinical & Scientific Congress, Tampa, FL, USA, 2004
12. A Meilik, **A Ziv**, E Misrachi, B Sadan, A Grinberg, H Sherman, I Nisim, A Shamis, Z Rotstein
Computerizing closed-loop medication administration system as a vehicle for improving patient safety. Poster presented at the 9th European Forum on Quality Improvement in Health Care, Copenhagen, Denmark, 2004
13. S Benita, I Levin, O Toren, H Tevet, M Gun Usishkin, H Berkenstadt, **A Ziv**
Virtual Hospital to Improve Teamwork Skills in Nursing. Poster presented at the 11th Ottawa conference on Medical Education and Assessment, Barcelona, Spain, 2004
14. A Elad, S Benita, A Margalit, **A Ziv**
Pre-Hospital communication workshop for interns. Poster presented at the International Conference on Communication in Healthcare, Bruges, Belgium, 2004
15. A Bentancur, D Barsuk, A Blumenfeld, M Michaelson, **A Ziv**
Emergency Department Trauma Workshop. Poster presented at the American College of Emergency Physicians (ACEP) Scientific Assembly, San Francisco, USA, 2004
16. Berkenstadt H, **A Ziv**, Y Yusim, I Keidan, A Perel
Simulation-based evaluation of a point-of-care information system for anesthesiologists while managing pediatric cardiac dysrhythmias
Poster presented at the American Society of Anesthesia (ASA), 2004
Also published as an abstract in Anesthesiology:101:A,1252,2004

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17. Sidi A, **Ziv A**, Berkenstadt H.
The Process of Incorporating Simulation to the Israeli National Board Examination in Anesthesiology. Poster presented at the American Society of Anesthesia (ASA), 2004
Also published as an abstract in Anesthesiology;101:A, 1412, 2004
18. Berkenstadt H, Kantor G, Yusim Y, Gafni N, Perel A, Ezri T, **Ziv A**.
Feasibility of Sharing Simulation-Based Evaluation Scenarios in Anesthesiology. Poster presented at the 5th International Meeting on Medical Simulation. Miami, Florida, USA, 2005.
19. G Trodler, **A Ziv**, Y Munz, A Blumenfeld Y Roth, H Berkenstadt.
Validation of the Trauma-Man® simulator and comparison to the animal laboratory training during the ATLS course. Poster presented at the International Congress of the Israeli Society of Anesthesiology, Tel Aviv, Israel, 2005
20. Y Yusim, H Berkenstadt, Y Yusim, **A Ziv**, T Ezri, A Perell
Assessment of a point of care information system for the anesthesia provider in simulated malignant hyperthermia crisis. Poster presented at the International Congress of the Israeli Society of Anesthesiology, Tel Aviv, Israel, 2005
21. A Kfilian, D Simon, **A Ziv**, Y Munz, O Rubin, H Berkenstadt
Use of Simulation for Training in of Focused Abdominal Sonography for Trauma (FAST). Poster presented at the 17th Annual Meeting of the Israeli Society of Trauma. Herzelia, Israel, 2005
22. G Trodler, **A Ziv**, Y Munz, A Blumenfeld Y Roth, H Berkenstadt.
Validation of the Trauma-Man® simulator and comparison to the animal laboratory training during the ATLS course. Poster presented at the 17th Annual Meeting of the Israeli Society of Trauma. Herzelia, Israel, 2005
23. D Erez, A Blumenfeld, **A Ziv**, H Berkenstadt
The use of Semi-Automatic Feedback during a simulation-based trauma training of military medical teams. Poster presented at the 17th Annual Meeting of the Israeli Society of Trauma. Herzelia, Israel, 2005
24. A Bar-Dayana, **A Ziv**, O Zmora, D Rosin, M Shabtai, A Ayalon, Y Munz
A contemporary approach to the traditional box trainer for laparoscopic skills training. Poster presented at the European Association of Endoscopic Surgeons (EAES), Venice, Italy, 2005
25. A Cohen, D Barsuk, **A Ziv**, Y Munz, J Kuriansky
Can a 3-D imaging system be used as a learning tool for the young minimally invasive surgeon? Poster presented at the European Association of Endoscopic Surgeons (EAES), Venice, Italy, 2005
26. A Bar-Dayana, **A Ziv**, O Zmora, D Rosin, M Shabtai, A Ayalon, Y Munz
A contemporary approach to the traditional box trainer for laparoscopic skills training. Poster presented at the Annual Meeting of the Israeli Surgical Association, Israel, 2005

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27. I Keidan, A Sidi, E Shavit, **A Ziv**, H Berkenstadt
Supplemental Oxygen Delays the Detection of Apnea During Simulated Pediatric Sedation. Poster presented at the American Society of Anesthesia (ASA), 2005
Also published as an abstract in Anesthesiology;103:A, 1315, 2005
28. S Mazaki Tovi, E Schiff, S Bonita, **A Ziv**, G Barkai
Can simulated Patient Based workshop improve management of communication crisis in delivery room? Poster presented at the 26th Annual Meeting of the Society for Maternal-Fetal Medicine, Miami Beach , FL, USA, 2006
29. A Bar-Dayan, **A Ziv**, H Berkenstat, A Ayalon, Y Munz
A Simple and Yet Revolutionary Solution for Minimally Invasive Skills Training. Poster presented at the 6th Annual International Meeting on Medical Simulation (IMMS), San Diego, CA, USA, 2006
Also published as an abstract in Simulation in Healthcare Journal; 1(2):135, 2006
30. H Berkenstat, Y Munz, A Blumenfeld, G Troidler, **A Ziv**
The Value of Using the Trauma-Man Simulator to Teach Chest Drain Insertion during the ATLS Course. Poster presented at the 6th Annual International Meeting on Medical Simulation (IMMS), San Diego, CA, USA, 2006
Also published as an abstract in Simulation in Healthcare Journal; 1(2):109, 2006
31. H Berkenstat, D Simon, I Kaplian, Y Munz, O Rubin, **A Ziv**
Simulation-based Training for Focused Abdominal Sonography for Trauma (FAST) Performance. Poster presented at the 6th Annual International Meeting on Medical Simulation (IMMS), San Diego, CA, USA, 2006
Also published as an abstract in Simulation in Healthcare Journal; 1(2):110, 2006
32. H Berkenstadt, T Ezri, A Sidi, **A Ziv**
Management of simulated oxygen supply failure and expiratory valve malfunction: is there a curriculum gap?" Poster presented at the 7th Annual International Meeting on Simulation in Healthcare (IMSH), Orlando, FL, USA, 2007
Also published as an abstract in Simulation in Healthcare Journal; 2(1):56, 2007
33. H Berkenstadt, B Khaitovich, U Rimon, O Rubin, Y Munz, **A Ziv**
Validation of percutaneous nephrostomy (PCN) performed using the PercMentor simulator. Poster presented at the 7th Annual International Meeting on Simulation in Healthcare (IMSH), Orlando, FL, USA, 2007
Also published as an abstract in Simulation in Healthcare Journal; 2(1):64, 2007
34. M Natur, **A Ziv**, H Berkenstadt, Y Munz
Establishing Proficiency Criteria for VR Simulator Training in Laparoscopic Surgery. Poster presented at the 8th International Annual Meeting on Simulation in Healthcare (IMSH), San Diego, CA, USA 2008
Poster also received **Research Abstract Award (2nd Place) of the conference**
Also published as an abstract in Simulation in Healthcare Journal; 2(4):264, 2007
35. **A Ziv**, O Rubin, A Moshinsky, N Gafni, M Mittelman
Screening of candidates to medical school based on non-cognitive parameters using a simulation-based assessment center. Poster presented at the 7th Annual International Meeting on Simulation in Healthcare (IMSH), Orlando, FL, USA, 2007

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*Also presented as an oral Presentation and received **Award as Best Educational Research (1st place) of the conference**

Also published as an abstract in Simulation in Healthcare Journal; 2(1):69, 2007

36. I Levin, R Sela, H Fighel, O Rubin, S Riba, S Reicher, M Albagli, H Berkenstadt, **A Ziv**
Incorporating Simulaion-based Objective Structured Clinical Examination into the Israeli National Nephrology Nursing Accreditation. Poster presented at the 8th Annual International Meeting on Simulation in Healthcare (IMSH), San Diego, CA, USA 2008
Also published as an abstract in Simulation in Healthcare Journal; 2(4):252, 2007
37. R Sela, I Levin, H Fighel, S Benita, S Riba, O Rubin, S Reicher, M Albagli, **A Ziv**, H Berkenstadt.
Incorporating Simulaion-based Objective Structured Clinical Examination into the Israeli National Advanced Nursing Course Accreditation – The Examiner's Perspectives. Poster presented at the 8th Annual International Meeting on Simulation in Healthcare (IMSH), San Diego, CA, USA 2008
Also published as an abstract in Simulation in Healthcare Journal; 2(4):257 2007
38. H Berkenstadt, Y Haviv-Yadid, A Tuval, Y Shemesh, A Magril, A Perry, O Rubin, **A Ziv**
Improving Shift Handoff at the Step-down Unit Utilizing Simulaion-based Training and Proactive Risk Management Process. Poster presented at the 8th Annual International Meeting on Simulation in Healthcare (IMSH), San Diego, CA, USA 2008
Also published as an abstract in Simulation in Healthcare Journal; 2(4):256, 2007
39. A Tuval, Y Haviv-Yadid, Dalia Etzion, Y Shemesh, **A Ziv**, H Berkenstadt
Simulaion-based Intervention to Reduce Occupational Burnout and Stress of Intensive Care Nurses. Poster presented at the 8th Annual International Meeting on Simulation in Healthcare (IMSH), San Diego, CA, USA 2008
Also published as an abstract in Simulation in Healthcare Journal; 2(4):281, 2007
40. G Barkai, I Hendler, S Maslovitz, S Mazaki, M Spira, **A Ziv**
Increasing Patient Safety in Delivering Room Through Simulaion-based Training: A National Project Led by MSR, the Israel Center for Medical Simulation. Poster presented at the 8th Annual International Meeting on Simulation in Healthcare (IMSH), San Diego, CA, USA 2008
41. H Berkenstadt, L Gurevitch, **A ziv**, J Haik
The Development of a Simulation-based Advanced Burn Life Support Course. Poster presented at the 8th Annual International Meeting on Simulation in Healthcare (IMSH), San Diego, CA, USA 2008
42. R Segal, A Lac, L Asher, I Levin, R Sela, **A ziv**, H Berkenstadt, A Vardi
New Technical Developments for Enhancing Simulation Realism. Poster presented at the 8th Annual International Meeting on Simulation in Healthcare (IMSH), San Diego, CA, USA 2008
43. A Vardi, A Lac, R Segal, I Levin, H Berkenstadt, **A ziv**,
"Jump Start" a Novel Add-On Device for the Simulation Defibrillation. Poster presented at the 8th Annual International Meeting on Simulation in Healthcare (IMSH), San Diego, CA, USA 2008

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44. K Bandali, M Rubin, G Herve, P Gamble, **A Ziv**
A Revolutionary Alliance Between Aviation and Medical Simulation: Working Towards Creating an International Standard in Healthcare Simulation. Poster presented at the 9th Annual International Meeting on Simulation in Healthcare (IMSH), Orlando, FL, USA, 2009
45. K Bandali, M Aubin, B Niblett, D Jones, **A Ziv**
Simulation-based Education for the Cardiovascular Perfusionist: An Innovative Training Program. Poster presented at the 9th Annual International Meeting on Simulation in Healthcare (IMSH), Orlando, FL, USA, 2009
46. K Bandali, B Niblett, **A Ziv**
Virtual Microscopy Simulation: The new Frontier in Medical Laboratory Science and Pathology. Poster presented at the 9th Annual International Meeting on Simulation in Healthcare (IMSH), Orlando, FL, USA, 2009
47. I Saado, T Rachamim, S Benita, D Itzik, Z Lavi-Sahar, Y Ashmenazi, **A Ziv**
A National Training Program for Members of Domestic Violence Steering Committees in Hospitals and HMOs. Poster presented at the 9th Annual International Meeting on Simulation in Healthcare (IMSH), Orlando, FL, USA, 2009
48. G Gerbler, S Benita, H Fighel, O Rubin, S Riba, S Reicher, H Berkenstadt, **A Ziv**
National Simulation-based Objective, Structured, Clinical Evaluation for Regional Heart Failure Center's Nurses. Poster presented at the 9th Annual International Meeting on Simulation in Healthcare (IMSH), Orlando, FL, USA, 2009
49. D Hardoff, S Benita, A Farfel, **A Ziv**
Physicians' feedback to simulated-patient-based training programs regarding adolescent health issues. Poster presented at the annual meeting of the Society of Adolescent Medicine (SAM), Los Angeles, CA, USA, 2009
Also published as an abstract in the J of Adolescent Health, Volume 44, Issue 2, Supplement 1, Pages S30-S31 February, 2009
50. D Hardoff, A Farfel, A Afek, **A Ziv**
The effect of simulated-patient based training program on medical encounters' quality at military recruitment centers. Poster presented at the annual meeting of the Society of Adolescent Medicine (SAM), Los Angeles, CA, USA, 2009
Also published as an abstract in the J of Adolescent Health, Volume 44, Issue 2, Supplement 1, Page S31 February, 2009
51. A Tuval, Y Haviv, **A Ziv**, D Etzion, H Berkenstadt
Simulation-based Intervention Reduces Salivary Cortisol Levels and Burnout among Step-Don Unit's Nurses. Poster presented at the 10th Annual International Meeting on Simulation in Healthcare (IMSH), Phoenix, AZ, USA, 2010
Also published as an abstract in Simulation in Healthcare Journal; 4 (4):305, 2009
52. O Shalomson, D Hardoff, S Benita, **A Ziv**
Communication with Adolescents regarding Female Health Issues: A Comparison between Gynecologists and Family Practitioners in a Simulated-Patient-Based Training Program. Poster presented at the 10th Annual International Meeting on Simulation in Healthcare (IMSH), Phoenix, AZ, USA, 2010

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Poster also received Honorable Mention **Research Abstract Award (3rd Place) in Education, Competency & Assessment of the conference**
Also published as an abstract in Simulation in Healthcare Journal; 4(4):288, 2009

53. A Tuval, A Sidi, **A Ziv**, D Etzion, H Berkenshtat
Stress and Anxiety reactions during Workshop & High-stake Exams with Simulation for the Anesthesiology Israeli National Board , measured by Self-assessment, Test Performance and Cortisol level.
Poster presented at the annual meeting of the International Anesthesia Research Society (IARS), San Diego, CA, USA, 2009
Also published as an abstract in Anesth Analg; 108; S-1 – S-332 S-91, 2009
54. Y Munz, SInai, G Zelig, **A Ziv**
Simulation in Rehabilitation. Poster presented at the 10th Annual International Meeting on Simulation in Healthcare (IMSH), Phoenix, AZ, USA, 2010
55. A Farfel, A Afek, S Benita, D Hardoff, **A Ziv**
The Effect of a Simulated-Patient-Based Educational Program on Medical Encounters' Quality at Military Recruitment Centers. Poster presented at the 10th Annual International Meeting on Simulation in Healthcare (IMSH), Phoenix, AZ, USA, 2010
Also published as an abstract in Simulation in Healthcare Journal; 4(4):295, 2009
56. O Eisenberg, H Fighel, **A Ziv**
Enhancement of Primary Care Physicians' (PCPs) Skills in the Computerized Setting: Instruction and Evaluation. Poster presented at the 10th Ottawa Conference for Medical Education, Miami, Florida, 2010
57. E Ben-Menachem, T Ezri, **A Ziv**, A Sidi, H Berkenstadt
Management of Simulated Technical Anesthesia Machine Malfunction by Israeli Residents. Poster presented at the 16th Annual Meeting of the Society in Europe for Simulation Applied to Medicine (SESAM), Groningen, Netherlands, 2010
58. A Tuval, A Sidi, **A Ziv**, D Etzion, T Ezri, H Berkenstadt
Simulation-based Intervention Reduces Psychological Stress and Burnout among Nurses. Poster presented at the 16th Annual Meeting of the Society in Europe for Simulation Applied to Medicine (SESAM), Groningen, Netherlands, 2010
59. G Ben Gal, N Gafni, E Weiss, **A Ziv**
A structured process of developing a valid and reliable manual dexterity for pre-clinical dentistry course. Posted presented at the 36th Annual Meeting of the Association for Medical Education in Europe (ADEE), Amsterdam, Netherlands, 2010
60. G Ben Gal, E Weiss, N Gafni, **A Ziv**
Primary assessment of haptic virtual reality simulator (idea dental) for dental manual dexterity training. Posted presented at the 36th Annual Meeting of the Association for Medical Education in Europe (ADEE), Amsterdam, Netherlands, 2010

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61. H Putter-Katz, D Wechsler, -Kashi, I Feldman, **A Ziv**
Incorporating Simulation-based Training in SLP's Audiologists' Practical Education. Poster presented at The 2010 American Speech-Language-Hearing Association (ASHA), Philadelphia, Pennsylvania, USA, 2010
62. G Segal, A Meir, S Mischari, **A Ziv**
Computerized learning of Risk Management Principles – the advantages of learning through a scenario-based interactive software. Poster presented at the 17th Annual Conference of the Israeli Society for Quality in Healthcare, Tel-Aviv, Israel, 2010
63. O Eisenberg, H Fighel, **A Ziv**
Simulation Based Performance Assessment in National Registration Exams for Nurse Specialists. Poster presented at the11th Annual International Meeting on Simulation in Healthcare (IMSH), New-Orleans, Louisiana, USA, 2011
Also published as an abstract in Simulation in Healthcare Journal; 5(6):389, 2010
64. G Grabler, H Putter-Katz, S Benita, I Feldman, A Gvion, D Ben-Itzhak, G Tubul-Lavi, D Wechsler-Kashi, H Bibi, **A Ziv**
Workshop for developing communication and clinical skills in 2nd year students of communication sciences and disorders. Poster presented at the11th Annual International Meeting on Simulation in Healthcare (IMSH), New-Orleans, Louisiana, USA, 2011
Also published as an abstract in Simulation in Healthcare Journal; 5(6):395, 2010
65. A Abramovitch, S Benita, A Afek, M Teane, Z Feldman, **A Ziv**
A Training Program for Multi Disciplinary Staff in Preventing and Coping with Violence towards Clinical Staff. Poster presented at the11th Annual International Meeting on Simulation in Healthcare (IMSH), New-Orleans, Louisiana, USA, 2011
Also published as an abstract in Simulation in Healthcare Journal; 5(6):375, 2010
66. A Tuval, A Sidi, **A Ziv**, D Etzion, T Ezri, H Berkenstadt
Psychological and Psychological Stress Reactions of Anesthesiology Residents during Simulation-based Board Examination. Poster presented at the11th Annual International Meeting on Simulation in Healthcare (IMSH), New-Orleans, Louisiana, USA, 2011
*Poster also presented as an oral presentation and received **1st Place Award as best abstract** of the conference in Education, Competency & Assessment
Also published as an abstract in Simulation in Healthcare Journal; 5(6):417, 2010

Abstracts presented as Oral Presentations

1. **A Ziv**, O Lernau
Peer review as a tool in medical education. Paper presented at the International Symposium on Evaluation in Medical Education. Beer Sheba, Israel. 1987.
2. A Sutnick, M Friedman, B Weinreb, **A Ziv**, S Freund, P Stillman, et al.
Educational commission for foreign medical graduates (ECFMG) clinical competence assessment (CCA) in Israel. Paper presented at the Sixth Ottawa Conference on Medical Education, Toronto, Ontario, Canada. 1994.

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3. **A Ziv**, O Lernau, M Friedman
Peer assessment increases awareness of interpersonal skills and humanistic qualities of medical students. Paper presented at the Sixth Ottawa Conference on Medical Education, Toronto, Ontario. Canada. 1994.
4. M Friedman, A I Sutnick, **A Ziv**, B Weinreb, C Blay, J M Martinez-Carretero, et al.
ECFMG international implementation of clinical skills assessment. Paper presented at the Association for Medical Education of Europe Conference, Zaragoza, Spain. 1995.
5. M Baron, B Weinreb, **A Ziv**, N Gafni, M Friedman, A I Sutnick
Analysis of the clinical skills assessment (CSA) test administered to 140 first year postgraduate residents in Madrid. Paper presented at the annual meeting of the Association for Medical Education of Europe, Zaragoza, Spain. 1995.
6. A Moses, **A Ziv**, M Harari, G Rahav, M Shapiro, D Engelhard
Increased incidence and severity of streptococcus pyogenes bacteremia in young children. Paper presented at the Seventh European Congress of Clinical Microbiology and Infectious Diseases, Vienna, Austria. 1995.
7. **A Ziv**, N Gafni, A Sutnick, M Friedman
Physician observers' and standardized patients' differences in ratings: A comparative analysis at the item level. Paper presented at the Seventh Ottawa Conference on Medical Education, Maastricht, Netherlands. 1996.
8. M Friedman Ben-David, W Burdick, R K Hambleton, **A Ziv**, J Boulet, A Sutnick
Alternative approaches to scoring patient notes. Paper presented at the Seventh Ottawa Conference on Medical Education, Maastricht, Netherlands. 1996.
9. J Boulet, M Friedman Ben-David, R K Hambleton, W Burdick, **A Ziv**
Assessing the adequacy of post-encounter written scores in standardized patient exams. Paper presented at the Seventh Ottawa Conference on Medical Education, Maastricht, Netherlands. 1996.
10. W Burdick, M Friedman Ben-David, **A Ziv**, J Boulet
Training physicians for holistic scoring of patient notes. Workshop conducted at the annual meeting of the Association of Medical Educators of Europe (AMEE), Copenhagen, Denmark. 1996.
11. M Friedman Ben-David, J Boulet, W Burdick, **A Ziv**, R Hambleton, N Gary
Who scores the post-encounter patient-progress note? Issues concerning validity and reliability. Paper presented at Thirty-sixth Annual Conference of the American Association of Medical Colleges (AAMC), Washington, D.C., USA. 1997.
12. M Friedman, **A Ziv**, M Curtis
Clinical skills assessment: Can interpersonal skills be measured by standardized patients? Workshop conducted at the annual meeting of the Northeast Group on Educational Affairs (NEGEA), Washington, D.C., USA. 1997.

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13. **A Ziv**, J Boulet, G Slap
Utilization of physician offices by early, middle, and late adolescents: An analysis of the 1994 National Ambulatory Medical Care Survey. Paper presented at the annual meeting of the Society of Adolescent Medicine (SAM), Atlanta, Georgia. USA. 1998.
J of Adolescent Health 22:136,1998.
14. J Boulet, W Burdick, **A Ziv**, M Friedman Ben-David
The use of holistic scoring for post-encounter written exercise. Paper presented as a large-group setting presentation at the Eighth Ottawa Conference on Medical Education, Philadelphia, PA, USA. 1998.
15. **A Ziv**, M Friedman Ben-David, J Boulet, W Burdick, N Gary
An holistic and behaviorally anchored measure of interpersonal skills: Issues of rater consistency. Paper presented as a large-group setting presentation at the Eighth Ottawa Conference on Medical Education, Philadelphia, PA, USA. 1998.
16. **A Ziv**, M Friedman Ben-David, J Boulet, W Burdick, N Gary.
The use of National Medical Care Surveys to develop and validate test content for standardized patient examinations. Paper presented as a large-group setting presentation at the Eighth Ottawa Conference on Medical Education, Philadelphia, PA, USA. 1998.
17. J Boulet, M Friedman Ben-David, **A Ziv**, W Burdick, M Curtis, S Peitzman, et al.
Using standardized patients to assess interpersonal skills of graduates of foreign medical schools. Paper presented at the Thirty-seventh annual meeting of the American Association of Medical Colleges (AAMC), New Orleans, Miss. USA. 1998.
18. **A Ziv**
The use of ultrasound simulator for performance assessment. Paper Presented at the Eighth Annual Conference of MMVR, Newport Beach, CA, USA, 2000
19. H Nisenbaum, P Arger, R Berman, **A Ziv**
Ultrasound simulator (UltraSim) as an evaluation tool of residents' scanning Skills – A pilot study. Paper presented at the AIUM conference, San Francisco, CA, USA, 2000
20. D Murray, J Woodhouse, J Kras, J Boulet, **A Ziv**
Clinical simulation: development of an acute care skills evaluation for medical school graduates. Paper presented at the 9th Ottawa Conference on Medical Education, Capetown, South Africa, 2000
21. D Levine, T Metha, R Kane, B Kennedy, H Nisenbaum, **A Ziv**
Using an ultrasound simulator to prepare residents for night calls. Paper presented at the Radiology Society of North America, Chicago, IL, USA, 2000.
22. **A Ziv**, Y Donchin, Z Rotstein, M Shani
National Medical Simulation Center in Israel – A comprehensive model. Paper presented at the International Meeting on Medical Simulation and the Society for Technology in Anesthesia (STA), Scottsdale, AZ, USA, 2001

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23. E Tal-Or, M Shani, M Revach, Y Donchin, **A Ziv**
Advanced trauma management training within the framework of a national medical Simulation center. Paper presented at the 14th Annual Trauma Anesthesia and Critical Care Symposium (ITACCS), San Diego, CA, USA, 2001
24. H Berkenstadt, D Barsuk, **A Ziv**
The effectiveness of simulation-based training in anesthesia. Paper presented at the 19th International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, 2002.
25. H Berkenstadt, D Barsuk, A Perel, **A Ziv**
Efficiency of anaesthesia simulation in training anaesthetists. Paper presented at the 13h Annual Meeting of the European Society for Computing and Technology in Anesthesia and Intensive Care, Zurich, Switzerland, 2002
26. **A Ziv**, T Yohanes, S Banita, R. Cohen, D Barsuk, A Vardi, I Levin, H Berkenstadt.
MSR - The Israeli Center for Medical Simulation - 1st Year Experience. Paper presented at the Association for Medical Education in Europe (AMEE) Lisbon, Portugal, 2002
27. B. Eisenberg, **A Ziv**. et al
Best-Evidence -Medical Education (BEME) Working Group on High Fidelity Simulators in Medical Education. Paper presented at the Association for Medical Education in Europe (AMEE) Lisbon, Portugal, 2002
28. R.Cohen, B. Reichman, D. Harduf, **A Ziv**
Simulation-based training to improve pediatric and family medicine residents' communication skills with adolescents. Paper presented at the Israeli Society for Clinical Pediatrics, Tel-Aviv, Israel, 2002
29. D. Barsuk, G Lin, A Blumenfeld, H Berkenstat, M Stein, **A Ziv**
Using advanced simulators to train military medical teams. Paper presented at the National Trauma Forum, Tel Aviv, Israel, 2002
30. G Lin, Y Oron, R Ben-Abraham, D. Barsuk, H Berkenstat, **A Ziv**, A Blumenfeld
Rapid preparation of reserve military medical teams using advanced patient simulators. Paper presented at the 16th Annual Trauma Anesthesia and Critical Care Symposium (ITACCS), Dallas, Texas, USA, 2003
31. D. Barsuk, G Lin, A Blumenfeld, H Berkenstat, **A Ziv**
Medical Simulation and the detection of common errors in resuscitating trauma victims. Paper presented at The "Shoresh" & Biomedical Meetings Herzelia, Israel, 2003
32. D. Barsuk, A Bentankur, A Blumenfeld, H Berkenstat, **A Ziv**
The use of medical simulation for training of emergency room teams. Paper presented at The "Shoresh" & Biomedical Meetings Herzelia, Israel. 2003

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33. G Lin, Y Oron, R Ben-Abraham, D. Barsuk, H Berkenstat, **A Ziv**, A Blumenfeld
Rapid preparation of reserve military medical teams using human patient
simulators. Paper presented at The "Shoresh" & Biomedical Meetings
Herzeliya, Israel, 2003
34. **A Ziv**
The Use of Advanced Computerized Medicine Management system – The Risk
Management Perspective. Paper presented at The 8th Congress of the
European Association of Hospital Pharmacists, Florence, Italy, 2003
35. D. Barsuk, G Lin, A Blumenfeld, H Berkenstat, A Bentankur, A Vardi, **A Ziv**
Simulation-based national trauma training – The role of the Israel Center for
Medical Simulation (MSR) – Paper presented at the Israeli Trauma Society
Conference, Tel Aviv, Israel, 2003
36. A Bentancur, D Barsuk, A Blumenfeld, M Michaelson, **A Ziv**
Emergency Department Trauma Workshop. Paper presented at the 10th Annual
Scientific Assembly for Emergency Medicine of the Association for Emergency
Medicine and the Israeli Society of Toxicology, Tel Aviv, Israel, 2003
37. A Misrachi, **A Ziv**, E Adonski, H Sherman, A Grinberg, M Adam et al.
The influence of a Computerized Medication Administration System on work
processes and patient safety. Paper presented at the 10th Annual Scientific
Conference of the Israeli Society of for Quality in Health Care, Ramat-Gan,
Israel, 2003
38. E Tal-Or, G Hyams, G Lin, **A Ziv**, Z Feigeberg, M Michaelson
Organization of medical systems under repeat terror attacks. Paper presented
at the 16th Annual Trauma Anesthesia and Critical Care Symposium (ITACCS),
Dallas, Texas, USA, 2003
39. A Grinberg, A Misrachi, H Sherman, M Adam, Melik Ahuva, **A Ziv**
Implementation of a Computerized Medication Administration System – The
effect on work flow and patient safety. Paper presented at the Annual
Conference of the Israeli Society of Medical Informatics, Tel-Aviv, Israel, 2003
40. A Lang, E Melzer, R Eliakim, S Bar-Meir and **A Ziv**
Computer-based Colonoscopy Simulator: A validation study. Paper presented
at the Annual Conference of the Israeli Association for Gastroenterology,
The Dead Sea, Israel, 2003
41. Y Yusim, H Berkenstadt, **A Ziv**, D Livingstone, R Katzenelson, A Perel
A point-of-care information system improves residents' decision-making in simulated
anesthesia scenarios. Paper presented at the European Society of Anesthesiology
Conference, Glasgow, Scotland, 2003
Abstract published in the Euro J Anaesth 2003;20:Sup 30, A 22.
42. H Berkenstadt, Y Yusim, **A Ziv**, D Livingstone, A Perel
A point of care information system reduce the incidence of potentially life threatening
mistakes in simulated anesthesia scenarios, Paper presented American Society of
Anesthesiology (ASA) Conference, San Fransisco, USA, 2003
Abstract published in Anesthesiology 2003; 99: A1353

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43. H Reuveni, T Wainstock, **A Ziv**, A Elchayani, A Tarasiuk, A Tal
Primary care physicians' awareness and knowledge level of sleep disorders: A study utilizing an interview with a standardized patient. Paper presented at the 7th Annual Conference of the Israeli Society for Sleep Disorders, Emek Israel, Israel, 2004
44. O Lernau, **A Ziv**
Informed Consent: A workshop with Standardized Patients. Paper presented at the 3rd International Conference on Ethics Education in Medical Schools, Eilat, Israel, 2004
45. H Berkenstadt, A Sidi, N Gafni, **A Ziv**
The development of a new model of the Israeli Anesthesiology Board Examination. Paper presented at the Israel Medical Schools' Deans Association Medical Education Conference, Ramat Gan, Israel, 2004
46. A Sidi, **A Ziv**, R Dach, H Berkenstadt
Initial Experience in Incorporating Advanced Simulation to the Israeli National Board Examination - The Examinees Perspective. Paper presented at the IARS 78th Clinical and Scientific Congress. Tampa, Florida, March 2004.
47. H Berkenstadt, **A Ziv**, Y Yusim, I Keidan, A Perel
Simulation-based evaluation of a point-of-care information system for anesthesiologists while managing pediatric cardiac dysrhythmias. Paper presented at the American Society of Anesthesiology (ASA) Conference, Las Vegas, USA, 2004.
Also published as an abstract in Anesthesiology 2004;101:A 1252.
48. A Sidi, **A Ziv**, H Berkenstadt
The Process of Incorporating Simulation to the Israeli National Board Examination in Anesthesiology. Paper presented at the American Society of Anesthesiology (ASA) Conference, Las Vegas, USA, 2004.
Also published as an abstract in Anesthesiology 2004;101:A 1412.
49. H Berkenstadt, G Kantor, Y Yusim, N Gafni, A Perel, T Ezri, **A Ziv**
Feasibility of Sharing Simulation-Based Evaluation Scenarios in Anesthesiology. Paper presented at the 5th International Meeting on Medical Simulation. Miami, Florida, USA, 2005
50. A Vardi, I Levin, R Segal, **A Ziv**
Add-on Features in the Simulation of nerve gas casualties: Enhancement of Medical Preparedness for chemical warfare casualties. Paper presented at The 13th Annual Conference of Medicine Meets Virtual Reality (MMVR) Conference. Long Beach, CA, USA, 2005
51. O Shlomzon, N Guttman, D Roter, H Abbramovitch, J Borkan, M Weingarten, R Margalit, Y Yaphe, A Weisgal, **A Ziv**
The Identification and Categorization of Conflicts related to the National Health Insurance Law in the work of the Primary care Physician.
זיהוי וסיווג קונפליקטים בעבודת הרופא הראשוני בקהילה בעקבות חוק ביטוח בריאות ממלכתי
Paper presented at the National Conference on Health Policy: "The National Health Insurance Law", Tel Aviv, Israel, 2005

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52. N Gafni, A Allalouf, **A Ziv**
Score Analysis of the Non-Cognitive Measures Used in Student' Selection for Medical Schools. Paper presented at The American Educational Research Association (AERA) Annual Conference, Montreal Canada, 2005
53. M Ehrenfeld **A Ziv**
Teaching risk management skills to medical students and interns via simulated patients encounters. Paper presented at the 30th International Improving University Teaching (IUT) Conference, Pittsburg, USA, 2005
54. A Augarten, R Zaslansky, I Matok, T Minuskin, L Lerner-Geva, G Hirsh-Yechezkel, **A Ziv**, I Shavit, N Yativ, I Keidan
The Impact of Educational Intervention Programs on Pain Management in a Pediatric Emergency Department. Paper presented at the Annual Conference of the Israeel Society for Clinical Pediatrics, Tel-Aviv, Israel, 2006
55. I Shavit, L Mishuk, Y Hofman, H Berkenstadt, A Augarten, **A Ziv**, O Rubin, I Keidan
The Impact of a Consious Sedation Simulation-based Course on the Safety of the Procedure. Paper presented at the Annual Conference of the Israeel Society for Clinical Pediatrics, Tel-Aviv, Israel, 2006
56. A Golan-Cohen, **A Ziv**, I Rite, N Cohen, T Wagner, S Benuta, G Gerbler and Y Adler
Medical Simulation as a tool to improve the quality of management of chronic diseases. Paper presented at the 13th Annual Conference of the Israeli Society for Quality in Healthcare, Tel-Aviv, Israel 2006
57. D Hardoff, A Farfel, A Afek, **A Ziv**
The effect of simulated-patient based training program on medical encounters' quality at military recruitment centers. Paper presented at the 13th Annual Conference of the Israeli Society for Quality in Healthcare, Tel-Aviv, Israel 2006
58. A Shachak, **A Ziv** and S Reis
Physicians Use of Electronic Medical Records: A cognitive Task Analysis. Paper presented at the Annual Conference of the Israel Association for Information Systems, Haifa, Israel 2006
59. A Shachak, **A Ziv** and S Reis
The Patient, the Physicians and the Computer: A New Reality: The Development of a Simulation-based Training Program for the Empowerment of Caregivers. Paper presented at the Annual Conference of the Israel Association for Information Systems, Haifa, Israel 2006
60. Shachak A, Dayagi MH, **Ziv A**, Reis S. A cognitive task analysis of primary care physicians' use of electronic medical records: implications for design. Paper presented at the Human Factors Engineering in Health Informatics (HFEinHI) Conference, Aarhus, Denmark, 2007

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61. K Bandali, M Rubin, G Herve, P Gamble, **A Ziv**
A Revolutionary Alliance between Aviation and Medical Simulation: Working Towards Creating an International Standard in Healthcare Simulation. Paper presented at the Association for Medical Education in Europe Annual Conference (AMEE), Malaga, Spain, 2009
62. O Eisenberg, H Fighel, **A Ziv**
Simulation-based Performance Assessment in National Registration Exams for Nurse Specialist. Paper presented at the 10th Ottawa Conference for Medical Education, Miami, Florida, 2010
63. N Gafni, A Moshinsky, O Eisenberg, **A Ziv**, D Zigler
The Reliability of 17 Behavioural Stations used for Medical School Admissions, Validated against Derived Generalizability Estimates Appearing in the Literature Paper presented at the 10th Ottawa Conference for Medical Education, Miami, Florida, 2010
64. A Perry, **A Ziv**, J Fliskin, A Goldenberg, H Berkenstadt
Proactive risk management to improve safety of patients' handoff from operating to recovery rooms: Can a traditional training workshop replace a simulation-based training. Paper presented at the 17th Annual Conference of the Israeli Society for Quality in Healthcare, Tel-Aviv, Israel, 2010
65. A Goldman, S Benita, S Mischari, S Goldberg, **A Ziv**
Improving communication skills with focus on patient safety and risk management among senior nursing personnel. Paper presented at the 17th Annual Conference of the Israeli Society for Quality in Healthcare, Tel-Aviv, Israel, 2010
66. O Eisenberg, H Fighel, D Sagi, **A Ziv**
Simulation-based Testing for Licensing Nurse Specialists in Various Clinical Fields. Paper presented at the Annual Conference of the Israeli Psychometrics Society, Jerusalem, Israel, 2011

G. Other Publications

1. H Berkenstadt, A Vardi and **A Ziv**
Simulation-based Training of Anesthesiologists and Chemical Warfare Casualties Letter published in the European Society of Anesthesiology News-letter, 2003
2. **A Ziv**
The contribution of the Israel Center for Medical Simulation (MSR) to the national efforts to improve Israel's health system readiness to meet emergencies
תרומתו של המרכז הארצי לסימולציה רפואית (מ.ס.ר.) למאמץ הלאומי לשיפור מוכנות מערכת הבריאות למצבי חירום.
"Aruchim" – The Israeli Ministry of Health Emergency Preparedness Journal, 7:20-1, 2003
3. **A Ziv**, P Wolpe, S Small, S Glick
Simulation-based medical education – An ethical imperative
Published (as Reprint) in Simulation in Healthcare, 1(4):252-256, 2006
Originally Published in Academic Medicine, 78(8):783-788, 2003 (IF – 1.867 ; 2/24)

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4. Y Beit, D Hardoff, E Rom, **A Ziv**
A Simulated-Patient-Based Program for Training Gynecologists in
Communication with Adolescent Girls presenting with Gynecological Problems.
Summary publish in The Israeli Journal of Pediatrics (63: 2008) and in The
Israeli Ob/Gyne Journal (61:2008)
5. D Hardoff, S Benita, **A Ziv**
Simulated-Patient-Based Programs for Teaching Communication with Adolescents:
The Link between Guidelines and Practice
Georgian Medical News; 3:156: 80-83, 2008
6. WHO Patient Safety Curriculum Guide for Medical Schools
WHO Press, 2009 (**A. Ziv** – Member of the Medical Curriculum Working Group
Chaired by Bruce Barraclough)
7. Cohen IR and **Ziv A**, (Eds).
Medical Education in the 21st Century, The New Medical School in the Galilee,
New Paradigms, Innovations and Challenges. International Workshop Report.
The Israel National Institute for Health Policy Research Press. Israel, 2010
8. A Goldman, S Benita, S Mischari, **A Ziv**, S Goldberg
Improvement of communication and risk management skills of senior nurses
through simulation
Ahot BeIsrael (Israeli Nurse); January: 52-55, 2011

Teaching Experience (Medical Students & Interns)

1994 – 1996	Hadassah Hebrew University Medical School	Course for 3 rd year medical students “Physical Diagnosis”
1994 – 1996	Hadassah Hebrew University Medical School	Course for 4 th year medical students Clinical Pediatrics
1996 – 1998	University of Penn. Medical School at the Children’s Hospital of Philadelphia	Course for 2 nd year medical students “Physical Diagnosis”
1996 – 1998	University of Penn. Medical School at the Children’s Hospital of Philadelphia	Course for 3 rd year medical students “Adolescent Medicine”
2000 – present	Tel-Aviv University, Sackler School of Medicine	Lecturer on Simulation- based medical education as a patient safety and risk management tool for 6 th year medical students’ course on Health Policy, Economics and Risk Management Course

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2000 – present	Tel-Aviv University, Sackler School of Medicine	Development, introduction and implementation (at MSR) of simulated/standardized Patients'- based Experiential Workshops on Clinical Skills for 4 th year medical students (Israeli program) and 2 nd year Medical Students (NY program) – Part of the "Introduction to Clinical Medicine" Course
2002 – present	Tel-Aviv University, Sackler School of Medicine – NY Program	The development, introduction and implementation of a Simulated/standardized Patients'- based preparatory workshop for the ECFMG's CSA Certification Exam for 3 rd Year medical students (NY program).
2003 – present	Collaborative program of all 4 Israeli Medical Schools (Dean's Association) and Israel's Ministry of Health	The development, introduction and implementation of a 5-Days Simulation-based, hands-on preparatory workshop for Graduates of Medical Schools prior to their entry into Internship at Israel's General Hospitals
2003 – 2006	Tel-Aviv University, Sackler School of Medicine – 6 year program Behavioral Science Dep. (Now – Dep. of Medical Education)	Personal tutor of a group of Medical Students from 1 st to 3 rd year of studies
2004 – present	Tel-Aviv University, Sackler School of Medicine & Technion - Rappoport School of Medicine in Haifa & The Hebrew University–Hadassah Medical School	The development, introduction and implementation of an admission assessment center for non-cognitive attributes of medical school candidates (MOR)

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2008 – present	Tel-Aviv University, Sackler School of Medicine 4 year program Dep. of Medical Education	Personal tutor of a group of Medical Students from throughout the 4 years of studies
2009 – present	Tel-Aviv University, Sackler School of Medicine 4 year program	Responsible (together with Dr. M Guindi) for pilot Implementation of the WHO Patient Safety Alliance Curriculum throughout the 4 years of studies

Workshops Conducted

1993 - 1998	A Ziv Multiple workshops for medical faculty in Israel, Spain, Russia, Brazil, Ukraine, Italy, USA as a consultant on behalf of the ECFMG's International CSA Program. <u>"Clinical Skills Assessment using standardized / simulated patients (SP)"</u> . Topics included: SP script/case writing, SP training, logistics of SP-based assessment, SP-based communication skills assessment, analytic and holistic patient note assessment
1996	W Burdick, M Friedman Ben-David, A Ziv , J Boulet <u>"Training Physicians for holistic scoring of patient notes"</u> The Annual Meeting of the Association of Medical Educators of Europe (AMEE), Copenhagen, Denmark.
1997	M Friedman, A Ziv , M Curtis <u>"The evaluation of communication skills using standardized patients"</u> The Annual Meeting of the Northeast Group on Educational Affairs(NEGEA), Washington, D.C., USA.
1998 – 2000	A Ziv <u>"The use of advanced ultrasound simulators for improving scanning skills of sonographers."</u> Multiple workshops for health professional at US academic centers and societies, e.g., University of Pennsylvania, Harvard University, American College for Ob/Gyn, and American College of Surgeons.
1999 – 2000	A Ziv <u>"The use of patient simulators to increase competency of Health professionals in Acute Care Medicine."</u> Multiple workshops at Thomas Jefferson University for internal medicine, anesthesiology, and emergency medicine residents; and also for local firefighters, paramedics, and nurses.
2001	A Ziv , W Dunn <u>"So You're thinking about starting a Simulation Center?"</u> Workshop conducted at the International meeting on Medical Simulation and the Society for Technology in Anesthesia (STA), Scottsdale, AZ, USA.

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- 2000 - Present **A Ziv**
Multiple workshops for medical, nursing and paramedical faculty in Israel, as part of establishing SP-based programs for Israeli health professionals at the Israel Center for Medical Simulation (MSR) "Clinical Skills Training and Assessment using standardized / simulated patients (SPs)" Topics included: SP script/case writing, SP training, logistics of SP-based training & assessment, SP-based communication skills Assessment & training, audio-visual-based debriefing, "train the trainer" workshops.
- 2000 – Present **A Ziv**
Multiple workshops for medical, nursing and paramedical faculty in Israel and **International faculty** visiting Israel, as part of establishing high-tech simulation-based programs for Israeli health professionals at the Israel Center for Medical Simulation (MSR) "The use of advanced patient simulators and high-tech task trainers to increase competency of Health professionals."
- 2005 D Hardoff and **A Ziv*** (*replaced by N Stoffman)
Adolescent Actors Train Physicians – A live show Workshop conducted at the Annual Meeting of the Society for Adolescent Medicine (SAM), LA, California, USA
- 2005 **A Ziv**, R Segal, R Borenstein, U Rimon and C Steiner
The development and demonstration of a distance simulation-based tele-mentoring as applied on PERC Mentor™. Workshop presented at The TATRC day of the 13th Annual Conference of Medicine Meets Virtual Reality (MMVR) Conference. Long Beach, CA, USA
- 2004 – Present **A Ziv** and The National Institute for Testing and Evaluation (NITE) faculty members. **Multiple "train the raters" workshops** for standardized patients (SPs) and faculty from the Tel-Aviv University, Sackler School of Medicine, the Technion - Rappoport School of Medicine in Haifa and the Hebrew-University Hadassah Medical School as part of the introduction and implementation of an admission assessment center for non-cognitive attributes of medical school candidates
- 2008 **A Ziv**, O Rubin, H Berkenstadt - "**Train the Rater**" Workshop conducted at the 8th Annual International Meeting on Simulation in Healthcare (IMSH), San Diego, CA, USA, 2008
- 2008 H Berkenstadt, A Perry, Y Shuv, **A Ziv**
Transfer of patients and Information – Workshop conducted at the 21st International Congress of the Israeli Society of Anesthesiology, Tel Aviv, Israel
- 2003 – Present **Multiple " SP Based Patient Safety and Risk Management "** **workshops** for Graduates of Medical Schools prior to their entry into Internship at Israel's General Hospitals (as part of a Collaborative program of all 4 Israeli Medical Schools (Dean's Association) and Israel's Ministry of Health

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- 2008 – Present **A Ziv** and The National Institute for Testing and Evaluation (NITE) faculty. **Multiple "train the raters" workshops** for Nursing faculty from the all Nursing Schools in Israel - as part of the introduction and implementation of an a Simulation-based Registration Exam for 16 advanced Nursing Fields in Israel
- 2009 L Pessach Gelblum **A Ziv*** (*replaced by O Shalomson) **"Technical Debriefing"**. Pre-Conference Workshop conducted at the at the 9th International Meeting on Simulation in Healthcare (IMSH), Orlando, FL, USA, 2009
- 2009 L Pessach-Gelblum, O Shalomson, H Berkenstadt*, **A Ziv*** (*replaced) **Construction of Effective Instructors' Training workshops as a Crucial Component of Simulation-based Medical Education.** Workshop conducted at the 9th Annual International Meeting on Simulation in Healthcare (IMSH), Orlando, FL, USA, 2009
- 2009 **A Ziv** **Designing Simulation Strategies for Pt. Safety: Innovation to Implementation. Overview of Medical Simulation and Putting Wheels on the Simulation Vehicle.** Pre-conference Workshop conducted at the 26th Conference of the International Society for Quality in Healthcare (ISQua), Dublin, Ireland, 2009
- 2009 **A Ziv** **"Train the Trainer" Workshop** conducted at British National Association of Medical Simulators and the Clinical Skills Network (NAMS – CNS), Manchester, UK, 2009
- 2009 **A Ziv** **"Train the Trainer" Workshop** conducted at the Netherlands Association of Medical Educators (NVMO) Conference, Egmond an zee, Netherlands, 2009
- 2010 **A Ziv**, O Eisenberg, H Berkenstadt **Effective "Train the Raters" Workshops – a Crucial Component of Simulation-based Testing and Evaluation.** Workshop conducted at the 10th Annual International Meeting on Simulation in Healthcare (IMSH), Phoenix, AZ, USA, 2010
- 2010 **A Ziv**, L Pessach Gelblum, O Shalomson **"Technical Debriefing"** Pre-Conference Workshop conducted at the at the 10th Annual International Meeting on Simulation in Healthcare (IMSH), Phoenix, AZ, USA, 2010
- 2010 L Pessach-Gelblum, T Rachamim, O Shalomson, **A Ziv** **Optimizing the Educational Value of Standardized Patients' Feedback to Medical Simulation Trainees through Structured Training – The MSR Model.** Workshop Conducted at

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- the 10th Annual International Meeting on Simulation in Healthcare (IMSH), Phoenix, AZ, USA, 2010
- 2010 Pessach Gelblum, O Shalomson, **A Ziv**
Construction of Effective Instructors' Training workshops as a Crucial Component of Simulation-based Medical Education. Workshop conducted at the 10th Annual International Meeting on Simulation in Healthcare (IMSH), Phoenix, AZ, USA, 2010
- 2010 O Eisenberg, H Berkenstadt, N Gafnil, **A Ziv**
Effective "Train the Rater" Workshops – A Crucial Component of Simulation-based Testing and Evaluation. Workshop conducted at the 10th Ottawa Conference for Medical Education, Miami, Florida, 2010
- 2010 **A Ziv**, H Berkenstadt
Effective "Train the Rater" Workshops – A Crucial Component of Simulation-based Testing and Evaluation. Workshop conducted at the Workshop conducted at the 16th Annual Meeting of the Society in Europe for Simulation Applied to Medicine (SESAM), Groningen, Netherlands, 2010
- 2010 **A Ziv**, Pessach Gelblum
"Train the Trainers" - The MSR – Model of Instructor Training. Workshop conducted at the 16th Annual Meeting of the Society in Europe for Simulation Applied to Medicine (SESAM), Groningen, Netherlands, 2010
- 2010 **A Ziv**
Simulation-based Risk Management Workshop. Workshop conducted at MSR as part of the National Advance Course for Risk Management under Ben-Gurion University Continuing Education School. MSR, Israel, 2010
- 2011 **A Ziv**, J O'Donnell, P Phrampus, O Shalomson, D Rodgers
Structured Debriefing: Scalable, Teachable and Testable. Workshop conducted at the 11th Annual International Meeting on Simulation in Healthcare (IMSH), New-Orleans, Louisiana, USA, 2011
- 2011 **A Ziv**, O Eisenberg, D Sagi, H Berkenstadt
"Train the Rater" Workshops: A Key Component of Simulation-Based Testing and Evaluation. Workshop conducted at the 11th Annual International Meeting on Simulation in Healthcare (IMSH), New-Orleans, Louisiana, USA, 2011
- 2011 T Dongilli, J Groom, J Buis, E Brown, P Phrampus, J Vozenilek, B McIvor, V Howard, **A Ziv**, K Leighton
Simulation for the Masses: Ensuring Quality/Technical Capacity in High Volume Situations. Expert Panel Course conducted at the 11th Annual International Meeting on Simulation in Healthcare (IMSH), New-Orleans, Louisiana, USA, 2011

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2011

A Ziv

"Train the Trainer" Workshop: Faculty Development for the Effective Use of Simulation-Based Technology. Workshop conducted at the 8th Asia Pacific Medical Education Conference (APMEC), Singapore, 2011