

## Brief Bio

Michael R. Berman, MD, MBI, FACOG

April, 2019

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### Brief Bio: Michael R. Berman, MD, MBI, FACOG

I received my Doctor of Medicine Degree from New York Medical College and my Masters Degree in Biomedical Informatics from Oregon Health and Science University (OHSU) with an area of concentration on Personal Health Records.<sup>1</sup> I completed my Post Graduate Residency Training in Obstetrics and Gynecology and one year fellowship in Maternal and Fetal Medicine at the Yale School of Medicine and Yale New Haven Hospital. I am currently Professor of Obstetrics, Gynecology and Reproductive Science and Associate Dean for Quality and Patient Safety for Graduate Medical Education at the Icahn School of Medicine at Mount Sinai, and Chief Quality Officer and Ombuds at the Mount Sinai Health System in New York, New York. Prior to joining the faculty at Mount Sinai, I was in Clinical Practice in Obstetrics and Gynecology and Clinical Professor of Obstetrics, Gynecology and Reproductive Sciences at the Yale School of Medicine. I founded the Hygeia Foundation for Perinatal Loss and Bereavement<sup>2</sup> (now *Hope After Loss*) and am the author of numerous poems and essays documenting the human condition. I am also author of the book, *Parenthood Lost, Healing the Pain After Miscarriage, Stillbirth and Infant Death*. Currently, as Chief Quality Officer, I have oversight for Quality and Safety at Mount Sinai Beth Israel Medical Center, New York Eye and Ear Infirmary, the Mount Sinai Downtown Ambulatory Care and Surgery facility at Union Square and the The Blavatnik Family – Chelsea Medical Center.

I joined the faculty and attending staff of the Mount Sinai Beth Israel Medical Center in 2012 where, as the medical director of the Labor and Delivery Unit, I implemented the hospital's first full-time laborist program, which provided a structured, collaborative, patient-centric approach to improving the quality, safety, and patient experience on the labor floor. In 2017, I was appointed Chief Patient Safety Officer for Mount Sinai Beth Israel Medical Center and Associate Dean for Quality and Patient Safety in Graduate Medical Education. In this role, I led efforts at the Icahn School of Medicine at Mount Sinai (ISMMS) and the Health System to meet the goals of the Clinical Learning Environment Review Program developed by the Accreditation Council on Graduate Medical Education.

Significant areas of organizational interest and specialized training, which I have acquired, are in the domains of *Just Culture*, *Adverse Event Disclosure*, *'Second Victim' Counseling*, *Physician Communication Skills*, *Ombuds*, *Patient Experience* and *Healthcare Disparities*. I also serve in the *Ombuds Office* for the Icahn School of Medicine at Mount Sinai and the Mount Sinai Health System, a resource for faculty and students in the Graduate Medical Education programs, providing an impartial and informal venue for promoting fair and equitable conflict resolutions for those who have identified problems in their workplace or studies.

With my collective interests in informatics, quality and safety metrics and information technology, I developed several quality improvement software programs, the most recent being an incident reporting program, optimized for both in-hospital and community / ambulatory organizations which encourages reporting of all events, incidents and adverse conditions to enhance a culture of safety and an organization's

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<sup>1</sup> Master's Thesis: *A PERSONAL PRENATAL HEALTH RECORD FOR A CULTURALLY DIVERSE URBAN COMMUNITY: A portable, secure and interactive electronic personal health record, designed specifically for pregnant women in underserved, urban communities*

<sup>2</sup> The *Hygeia Foundation for Perinatal Loss and Bereavement* was a non-profit, tax-exempt organization whose mission was to comfort those who grieve the loss of a pregnancy or newborn child (from all causes; e.g. Miscarriage, Stillbirth, Genetic Disorders), to address disparities in access to healthcare services for medically and economically underserved families with respect, dignity and advocacy and to provide advocacy and resources for maternal and child health.

path towards high reliability. This system is currently being used throughout the Mount Sinai Downtown Campus.

## **Curriculum Vitae**

### **APPOINTMENTS**

- 2019-present: Chief Quality Officer, Mount Sinai Downtown Campus / Mount Sinai Health System
  - 2017-present Associate Dean for Quality and Patient Safety for GME, Icahn School of Medicine at Mount Sinai
  - 2015-present: Professor, Obstetrics, Gynecology and Reproductive Science, ICAHN School of Medicine at Mount Sinai
  - 2019-present: Ombuds, Mount Sinai Health System, Downtown Campus
  - 2017-2019: Chief Patient Safety Officer, Mount Sinai Beth Israel Medical Center
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- 2001-2015: Clinical Professor of Obstetrics and Gynecology and Reproductive Sciences, Yale University School of Medicine
  - 1990-2001: Associate Clinical Professor of Obstetrics and Gynecology and Reproductive Sciences, Yale University School of Medicine
  - 1980-1990: Assistant Clinical Professor of Obstetrics and Gynecology and Reproductive, Yale University School of Medicine
  - 1997-1980: Instructor, Department of Obstetrics and Gynecology and Reproductive Sciences Yale University School of Medicine

### **EMPLOYMENT**

- 2019-present: Mount Sinai Health System Chief Quality Officer, Mount Sinai Downtown
- 2017-present Mount Sinai Health System/ ICAHN School of Medicine at Mount Sinai, Associate Dean for Quality and Patient Safety Officer
- 2015-present: Professor, Obstetrics, Gynecology and Reproductive Science, ICAHN School of Medicine at Mount Sinai
- 2019-present: Mount Sinai Health System Ombuds
- 2017-2019: Mount Sinai Health System/ ICAHN School of Medicine at Mount Sinai Chief Patient Safety Officer, Mount Sinai Downtown Campus
- 2012-2017: Mount Sinai Beth Israel Department of Obstetrics, Gynecology and Reproductive Science
  - o Medical Director of Labor and Delivery Unit 2012-2017
  - o Associate Chairman for Quality Improvement and Patient Safety and Quality, Department of Obstetrics and Gynecology, Mount Sinai Beth Israel Medical Center
- 1977-2012: County Obstetrics and Gynecology Group, P.C. , New Haven, Connecticut, Founder and President; single-specialty group practice of 8 physicians, 1 APRN, 1CNM,40 employees, four offices

## **FOUNDATIONS**

- 1996-2014 Founder and President, Hygeia Foundation, Inc. (now Hope After Loss <http://hopeafterloss.org> )

I founded this non-profit, tax-exempt organization whose mission is to comfort those who grieve the loss of a pregnancy or newborn child (from all causes; e.g. Miscarriage, Stillbirth, Genetic Disorders). Currently the Hygeia Foundation, Inc.(now Hope After Loss) has offices in three locations and several outreach venues to provide support throughout the State of Connecticut and beyond. It is the sole source of bereavement support for patients at Yale-New Haven Hospital

- Supports local families with peer-to-peer support and provides outreach bereavement services for local hospitals
- Addresses disparities in access to healthcare services for medically and economically underserved families
- Provides advocacy and resources for maternal and child health.

## **GAPS IN EMPLOYMENT**

None

## **EDUCATION**

### **Education/Training**

<b>Institution</b>	<b>Degree</b>	<b>Year(s)</b>	<b>Field of Study</b>
*Temple University	B.A.	1966	Biology
*New York Medical College	M.D.	1970	Medicine
Metropolitan Hospital Center	Intern	1970-1971	Pediatrics
Medical Officer, United States Public Service, National Health Service Corps, Chicago, Illinois		1971-1973	
Yale University/Yale New Haven Hospital	Resident	1973-1976	Obstetrics & Gynecology Mentor: Dr. Nathan Kase

Yale University	Fellow	1976-1977	Maternal & Fetal Medicine Mentor: Dr. John Hobbins
Student, Wesleyan University Writers Workshop		1993, 1994	Poetry and Writing
Yale University	Certificate	1999	School of Management/Public Health and Medicine Executive Health Program
*Oregon Health & Science University	Master's Degree Biomedical Informatics	May, 2014	Biomedical Informatics/Clinical Informatics Mentor: Dr. William Hersh

\* denotes Degrees earned

## **CERTIFICATION**

- o ABOBGYN Board Certified in Obstetrics and Gynecology (1978 to present)
- o ABOBGYN Voluntary Recertified 1989

## **LICENSURE**

- o Medical License Connecticut 7/1/1973 # 17989 (Active)
- o Medical License California 9/26/75 # 30928 (Active)
- o Medical License New York 8/15/12 # 60 26630 (Active)

## **HONORS/AWARDS**

- o 2019-United Hospital Foundation Award for Quality and Patient Safety, New York, New York
- o 2016 Inaugural Fellow of the Dyson College Center for Global Psychology, Pace University
- o 2016 New York State Perinatal Quality Collaborative (NYSPQC) Obstetrical Improvement Project's 2015 Quality Improvement Award.
- o 2016 Awarded Fellow, Academy for Medicine and the Humanities, Icahn School of Medicine at Mount Sinai

## Curriculum Vitae

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- o 2015 Nominee from Mount Sinai Beth Israel Hospital for the Press Ganey Physician of the Year Award which “recognizes a physician who demonstrates exceptional leadership and who has realized tangible success improving the patient experience, reducing patient and caregiver suffering and who promotes compassionate connected care in their organization.”
- o 2015 Honorable Mention, Physicians Writers Award Competition, Medical Economics
- o 2015, Compassionate Care Award, Hope After Loss Foundation
- o 2013 Recognition Award/Grant by the NYSPFP/New York State Perinatal Quality Collaborative Obstetrical Improvement Project aimed at reducing early elective deliveries (EEDs)
- o 2012, 2011, 2010, 2005, Named a “Top Doctor in Connecticut” by peer review, Connecticut Magazine
- o Nominated, Tech Museum Award Competition, 2008.
- o June, 2006, 2007, *C. Lee Buxton Teaching Award*, Department of Obstetrics, Gynecology and Reproductive Sciences, Yale University School of Medicine.
- o June, 2005, Nomination, Leonard Tow Humanism in Medicine Award, presented by the Arnold P. Gold Foundation
- o Juried Presenter, World Congress on the Internet in Medicine, Mednet, 2003, 2005, 2006
- o Nominated Tech Museum Award, 2004
- o Finalist: Stockholm Challenge, 2001, 2002-A competition for IT programs that address the “Digital Divide”, Stockholm, Sweden
- o Nominee, Tech Museum Award Competition, 2004,2008
- o Finalist, Fleet Small Business Award Program, 2003
- o Finalist, Time Inc. Medical Media Awards, 2003
- o APOG Teaching Award -Association of Professors of Obstetrics and Gynecology, 2000 (Awarded by the Department of Obstetrics and Gynecology, Yale University School of Medicine)
- o Distinguished Alumnus Achievement Award in the Natural Sciences, Temple University, 1996
- o Merit Award, March of Dimes-National Foundation for Birth Defects, 1970

## **PATENTS**

None

## **OTHER PROFESSIONAL ROLES**

### **Intramural Committee Service at home institutions**

#### **Mount Sinai Beth Israel 2012-present** (Also See Leadership Section)

- o Numerous System-wide Quality and Safety Committees( member and Chair)
- o 2019-Elected to Medical Board, Mount Sinai Beth Israel Hospital
- o Icahn School of Medicine at Mount Sinai-Advanced Humanities in Medicine Program-Planning Committee for new curriculum
- o Icahn School of Medicine at Mount Sinai- Faculty Humanities in Medicine: The Art of Listening
- o Chairman’s Search Committee, standing member –appointed by Susan Somerville, President of Mount Sinai Beth Israel Medical Center
- o Faculty Chair-Mount Sinai Beth Israel Resident and Fellows Quality Improvement committee
- o Chair, MSBI Institutional Patient Quality Improvement and Patient Safety Committee-Case Log Review bi-weekly
- o Chair, MSBI Quality Improvement Performance Safety Committee-Monthly
- o Chair, MSBI Quality and Safety Advisory Group Committee-Monthly
- o Chair, MSBI Failure Mode Effect Analysis Committee-Monthly
- o Chair, RCA and Debrief Committee
- o MSBI Patient Experience / Dyad Committee-Monthly
- o MSBI Relationship Centered Care Committee
- o Mount Sinai Health System Resident and Fellow Professionalism subcommittee
- o Departmental Resident Selection Committee
- o Departmental Resident – Program Evaluation Committee
- o Departmental Perinatal Bereavement Committee
- o Departmental Leadership Committee
- o FOJP / HIC Quality Improvement and Patient Safety Committee
- o Mount Sinai Health System Dept. Ob-Gyn Appointments and Promotions Committee
- o Mount Sinai Health System Dept. Ob-Gyn Credentials Committee
- o Mount Sinai Health System Perinatal Policy Committee

#### **Yale New-Haven Hospital / Yale School of Medicine** (through July, 2012)

- o 2008-2010: Admissions Committee, Yale University School of Medicine
- o 2008- 2012: Yale-New Haven Hospital (YNHH ) Institutional Peer Review and Quality Assurance Committee
- o 2011-2012: Member, Physician Advisory Group, EPIC Implementation Project, Yale-New Haven Health System, 2011. Involved in development of provider order entry order sets and clinical decision support tools.
- o 2010- 2012-Member Yale-New Haven Community Medical Group Information Technology Committee

## Curriculum Vitae

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- o 2002 Member, Search Committee for Chair, Yale University Department of Ob-Gyn
- o 2002 Member, Search Committee, Maternal and Fetal Medicine, Yale University Department of Ob-Gyn
- o 2000-present, Board of Permanent Officers, Yale University School of Medicine
- o 1995-present, Board of Directors, Yale New Haven IPA
- o 2007- 2012 YNHH Community Medical Group; Board of Directors
- o 2008- YNHH Department of Obstetrics Development Committee
- o 1990-1996 Medical Board, Yale- New Haven Hospital
- o 1989-2012, Executive Committee Department of Obstetrics and Gynecology, Yale University School of Medicine, 1989
- o 1989-2012, Departmental Committee Department of Obstetrics and Gynecology, Yale University School of Medicine
- o 2004-2012: Yale University School of Medicine Executive Committee, Society of Clinical Preceptors, Steering Committee, Yale School of Medicine.
- o 2007-2008: Yale University School of Medicine Faculty, Healer's Art Program
- o 2010-2012: Yale University School of Medicine Faculty End-of-life Curriculum, Yale School of Medicine
- o 2009-2012: Yale New Haven Hospital Faculty Consultant, Haven Free Clinic, a Yale Medical Student-run free clinic for the uninsured
- o 1998-2012: Yale Seminars in Perinatal Loss- A model program to educate physicians in training to the impact of pregnancy loss on patients, families and caregivers
- o 200-2012: Yale University School of Medicine Medical Student Preceptor and moderator, Clinical Reasoning Workshops
- o 2008-2012: Preceptor, Yale School of Medicine "Shadowing Program" for Yale undergraduate students interested in a career in Medicine
- o 2007- present: Leadership Council, First Candle / SIDS Alliance

### Extramural Committee Service

- o 2005- 2013: Scientific Advisory Board, International Stillbirth Alliance
- o 2004-, *Health on the Net Foundation* (HON; <http://www.hon.ch>), a Geneva based organization to assure the quality and accuracy of Health-related Web Content
- o 2004 Board of Directors, First Candle / SIDS Alliance
- o 2003 Board of Directors, Temple University Alumni Association
- o 2002 Committee to Study Fetal Infant Mortality Review-Chair, Perinatal Bereavement Sub committee.
- o 2000-2011 New Haven Fetal and Infant Mortality Review, advisor
- o 2000 Advisory committee on confidentiality and patient rights, Congresswoman Rosa Delauro
- o 1999-2001 Board of Directors, March of Dimes, Connecticut Chapter
- o 1999-2001 Board of Directors, Connecticut Chapter, SIDS Association
- o 1997-present National Council, Art, Washington University in St. Louis
- o 1997 Founder and President, Hygeia Foundation, Inc.
- o 1993-1994, Member Connecticut State Medical Society Perinatal Morbidity and Mortality Committee, Chair, 1993-4

## ADMINISTRATIVE PROFILE

As Associate Chairman for Quality and Patient Safety, Obstetrics and Gynecology, I supervised, monitored and responded to all the quality and safety activities, incidents and needs in our Ob-Gyn Department. Along with our Patient Safety Nurse, I lead a team of Physicians and Nurses dedicated to maintaining the highest quality and safety on our labor floor, as well as supervise performance improvement processes and projects. Currently, as Chief Quality Officer for the hospital and Downtown Campus, I have oversight for and serve as a liaison to all Departments within the Hospital regarding quality and safety. I Chair a team for our hospital-wide case log safety committee, monthly Quality Performance Improvement Committee, Incident debriefs and Root Cause Analysis (RAC) meetings. I was the lead Physician on a hospital-wide process improvement project to foster better physician-patient communication, a major component in our efforts to improve the overall patient experience as measured by Press-Ganey HCAHPS. I am a committed champion to promote an environment and culture of safety for the Hospital, the hallmarks of which focus on a transparent, reporting and just culture. As such, I have had much experience counseling, coaching and disciplining, when necessary, physicians and other staff.

## RESEARCH PROFILE

My role as a Faculty Member at the Yale School of Medicine /Yale-New Haven Hospital and now as a member of the Mount Sinai Health System / Icahn School of Medicine at Mount Sinai involves teaching, research and an academic course directed towards *patient safety, quality, patient experience*, involvement in **humanism / ethics and professionalism education**, and **improvement in access/ reductions in disparities to health care services**; a career long aspiration. My focus has further evolved since obtaining a Masters Degree in Biomedical Informatics at the Oregon Health and Science University, in June, 2014. My thesis for the Degree involves the design, programming, implementation and evaluation of a unique Personal Prenatal Health Record intended to facilitate and improve prenatal health, access to prenatal care and to prenatal health care information and to provide personalized, health-literacy appropriate educational materials and information for an urban population where there remain identifiable disparities in access to available health information technologies to benefit personal health.

## CLINICAL PROFILE

I have been a clinician in Obstetrics and Gynecology and have dedicated my entire career towards providing the highest quality of evidenced-based, patient-centric women's healthcare for my patients. I developed a specialty area of interest in Perinatal Loss and Bereavement and devoted much time and effort to bring care and comfort to bereaved families. I was an early adaptor of the use of Internet technologies in order to develop an expanding local, national and international network of families who experienced pregnancy loss and this information technology / clinical innovation was instrumental in providing care to a population of patients with heretofore unmet healthcare needs. In 2012, I came to Mount Sinai Beth Israel Medical Center to organize and lead a Laborist Program as a part of my role as Medical Director of Labor and Delivery. We grew to have 4 full-time, Board Certified Laborists, working as a team to provide standardized, evidenced-based, patient centric care to all patients on the labor floor, enhancing quality, safety and the patient experience.



## IMPACT

My work in Pregnancy and Neonatal Loss and Bereavement has evolved into a national and international presence through my work locally at Yale-New Haven Hospital and subsequently through a non-profit organization I founded, the Hygeia Foundation, Inc. I am now working in the New York City Metropolitan Area within our own Perinatal Bereavement Group and as advisor to the Pregnancy Loss Support Program (PLSP) of the National Council of Jewish Women New York Section. The impact of perinatal loss is great, affecting parents, surviving siblings, grandparents, extended families and friends. Talking to one's health care provider and accessing the full range of physical and psycho-social support required is often a challenge. Although bereavement support is available by mostly branches of national organizations, the support is fractured and difficult to access. Families reaching out for support, or experiencing a recent loss, require support, which is available when they need it, not when the monthly support group meets. Families desire and require support that is tailored to their specific needs. For example a family who has lost a child and is considering conceiving again or coping with subsequent pregnancy has very different needs than a family trying to make decisions regarding funeral arrangements for their recently departed child. Such was the mission of the Hygeia Foundation, Inc. (now aka: Hope After Loss.) My clinical work in this area developed a model for *best practices* in bereavement care when a family leaves the doctor's office or hospital after a loss. Through my writings and publications, I have been invited to participate in several national and international conferences, national media interviews as well as positions on steering committees and advisory boards of several national and international organizations concerning Pregnancy Loss. I was invited to be a founding member of the *International Stillbirth Alliance* and serve currently on their Scientific Advisory Board. I began a series of medical student and house staff lectures at the Yale University School of Medicine (and now at the Icahn School of Medicine at Mount Sinai) to introduce into curriculum the need to understand a humanistic, compassionate approach to patients experiencing miscarriage, stillbirth and neonatal death and out of my experience and work in this area, I authored a book, *Parenthood Lost*, which was published in 2001. My work in Prenatal Loss and Healthcare Information Technology has led to invitations to present my work at juried conferences Geneva, Prague, Stockholm and Yokohama, Japan.

GRANTS: Past Grants

Funding Source, Project and Title	Role in Project	Dates	Direct Cost	Supplemental Info
Community Foundation Greater New Haven	P.I.	2009	None	Operating grant for Hygeia Foundation, Inc.
Dain Raucher Foundation	P.I.	2007	None	Operating grant for Hygeia Foundation, Inc.
NIH	Co-Investigator	2004, 2008	None	Grant to study Effects of Acupuncture and Low Back Pain in Pregnancy. Principal Investigator, Shu-Ming Wang, M.D
Community Foundation Greater New Haven	P.I	2010		Support to hire an Executive Director Hygeia Foundation, Inc.

Current Grants

Funding Source, Project and Title	Role in Project	Dates	Direct Cost	Supplemental Info
Community Foundation Greater New Haven	P.I.	2012-present	Community Foundation Greater New Haven	Operating grant for Hygeia Foundation, Inc.

Pending Grants

Not Applicable

CLINICAL TRIALS PARTICIPATION

Not Applicable

TRAINEES

Not Applicable

TEACHING ACTIVITIES

<b>Teaching Activity / Topic</b>	<b>Level</b>	<b>Role</b>	<b>Level / Number Learners Taught</b>	<b>Number of hours week/month/year</b>
Direct Supervision on Labor Floor, Labor Room and Operating Room	MSBI Departmental	Teacher, Supervisor	16 Residents(PGY1-4) 4-6 Medical Students per rotation	10-20 hours per week
Lectures / Seminars	Icahn School of Medicine 3 <sup>rd</sup> . year didactic rotation	Teacher	3rd Year Medical Students	1 hour per rotation formal lecture/seminar
Lectures / Seminars	Icahn School of Medicine	Advanced Humanities in Medicine Program		TBD
Lectures / Seminars	MSBI Departmental	Lecturer	Medical Students (4-6 per rotation)	2-4 hours/rotation (5 weeks)
Mentor/Advisor	MSBI Departmental	Mentor/Advisor	All Residents in general PGY 4 year specifically	Ongoing
Lecture / Seminar	Yale Departmental	Lecturer	3 <sup>rd</sup> year Medical Students	1 hour per month
Clinical Instruction on Labor Floor, Operating room, Office	Yale Departmental	Teacher, Clinician	3 <sup>rd</sup> year medical Students; Residents all years	On going; approximately 12-18 hours week
Facilitator	Yale School of Medicine	Healer's Art Program	1 <sup>st</sup> . year medical students	3 hours per month
Facilitator	Yale Departmental	Seminars in Perinatal Loss	Residents and Medical Students	1-2 hours every 2 months
Teacher	Yale Departmental	Clinical Reasoning Workshops	3 <sup>rd</sup> . Year Medical Students	3 hours every rotation

## ADMINISTRATIVE LEADERSHIP APPOINTMENTS

### ICAHN School of Medicine at Mount Sinai:

- o 2019-present: Associate Dean for Quality and Safety, Graduate Medical Education(GME)
- o 2019-present: Chief Quality Officer Mount Sinai Beth Israel / MS Downtown
- o 2019-present: Ombuds, Mount Sinai Health System
- o 2017-present: Chief Patient Safety Officer Mount Sinai Beth Israel / MS Downtown

### Mount Sinai Beth Israel- General Administration

- o 2019-present: 2019-present: Chief Quality Officer Mount Sinai Beth Israel / Mount Sinai Downtown-Oversee Quality Improvement and Patient Safety
- o 2012-2017: Medical Director of Labor and Delivery 2017-present: Chief Patient Safety Officer Mount Sinai Beth Israel / MS Downtown
- o 2012-2017: Medical Director of Labor and Delivery
  - In this capacity I had oversight and responsibility the daily running of the Labor and Delivery Floor
  - Directed a team of four full-time Hospitalists / Laborists
    - 1 Nurse Practitioner
    - 1 Performance Improvement / Patient Safety Nurse
  - Monitored all scheduled inductions of labors and C-sections by means of an original internet-based software program I developed with decision support for indications and timing of procedures.
- o 2013-2017: Associate Chairman for Quality Improvement and Patient Safety
  - Directed the QI and Safety surveillance and initiatives in the Department and worked in concert with the Institutional QI and Patient Safety Teams
- o 2012-2017: Chair, Departmental Patient Quality Improvement and Patient Safety Committee
  - This committee meets monthly to discuss the QI and Safety issues of the Department
- o 2014-2017 : Chair, Resident-Fellow Quality and Safety Council
  - This new committee includes opportunities for residents and fellows to participate in inter-professional teams to promote and enhance safe care. It will engage residents and fellows **to** use data to improve systems of care, reduce health care disparities and improve patient outcomes.

### Yale New-Haven Hospital –General Administration

- o 2002-2012: Chair, Credentials Committee, YNH Community Medical Group-formerly the Yale-New Haven Hospital IPA.
- o 2010-2011: Chair, Search Committee for Associate Chief, Department of Ob-Gyn, Yale-New Haven Hospital
- o 2002-2004: President, Yale-New Haven Hospital Physician Hospital Organization(PHO)
- o 1990-1994: President, New Haven Community Physicians Organization

### **Yale School of Medicine –Teaching**

- o I developed and taught a medical student and house staff curriculum for caring for the patient who has experienced a pregnancy or neonatal loss. This program was multidisciplinary. Students were introduced to a patient-centric, humanistic approach to the patient as well as basic medical knowledge about pregnancy loss. Patients who experienced losses and cared for at the hospital came to the classroom to discuss their experiences with the students. This program was well-received as documented by feedback and evaluation scores.

### **External**

Founder and President Emeritus of the Hygeia Foundation, Inc. The Hygeia Foundation is a 501-c-3 non-profit organization. The Hygeia Foundation is a community of women and men who grieve the loss of a pregnancy or infant. Through peer support, burial assistance, education, and awareness initiatives, we provide connections, comfort, and care to those who have experienced the loss of a baby. The Hygeia Foundation supports women and men who have experienced the loss of a pregnancy or infant. Guided by values of compassion, acceptance, empathy, respect, and inclusion, we are committed to ensuring that no one who has lost a baby must grieve alone. The Hygeia Foundation is now Hope After Loss and can be reached at <http://hopeafterloss.org>.

## **PUBLICATIONS**

### **Peer Reviewed**

Essay: The Covenant. Medical Economics, December 25, 2015.

Auricular acupuncture as a treatment for pregnant women who have low back and posterior pelvic pain: a pilot study.

Wang SM, Dezinno P, Lin EC, Lin H, Yue JJ, Berman MR, Braveman F, Kain ZN.

Am J Obstet Gynecol. 2009 Sep;201(3):271.e1-9. doi: 10.1016/j.ajog.2009.04.028. Epub 2009 Jun 26.

PMID:19560110 [PubMed - indexed for MEDLINE]

Low back pain during pregnancy: prevalence, risk factors, and outcomes.

Wang SM, Dezinno P, Maranets I, Berman MR, Caldwell-Andrews AA, Kain ZN.

Obstet Gynecol. 2004 Jul;104(1):65-70.

PMID:15229002 [PubMed - indexed for MEDLINE]

Temporary widening of cranial sutures during recovery from failure to thrive. A not-uncommon clinical phenomenon

Clin Pediatr (Phila). 1972 Jul;11(7):427-30.

Pearl M, Finkelstein J, Berman MR.

PMID: 5039155 [PubMed - indexed for MEDLINE]

## **Abstracts**

Abstract /Poster: SMFM, February, 2019, : Successful Adoption and Acceptance of a Full-Time Laborist Model in a Community-Based Hospital(Mount Sinai Beth Israel)

Abstract/Poster: SMFM, January, 2017, When is the optimal time to schedule term inductions of labor?

Abstract: Technol Health Care. 2005; 13(5) (December 2005)

Abstract: Technol Health Care. 2003;11(5):289-389. (December 2003)

Abstract : (ESHRE)European Society Human Reproduction and Embryology, 1999-

## **Review Articles**

Contemporary Ob-Gyn, *Grief Counseling for Parents Experiencing Pregnancy Loss*, March, 2009

## **Book Authored**

Parenthood Lost: Healing the Pain After Miscarriage, Stillbirth and Infant Death; Michael R. Berman, M.D. Bergin & Garvey; ISBN: 0897896149; 1 edition (January 15, 2001)

## **Book Contributions**

Silent Sorrow: Pregnancy Loss: Guidance and Survival for You and Your Family Ingrid Kohn, Perry-Lynn Moffitt, Isabelle Wilkins Paperback: 320 pages (10 February, 2000, 1999) Publisher: Routledge, an imprint of Taylor & Francis Books Ltd; ISBN: 0415924812

Help, Comfort and Hope, after losing your baby in pregnancy or the first year ; Hannah Lothrop, Element Press, ISBN no:1-86204-379-5

## **INVITED LECTURES/PRESENTATIONS**

- o Invited Speaker, Global Bioethics Institute, July, 2017, 2018, 2019
- o Invited Speaker, Grand Rounds, NYP Lower Manhattan Hospital Ob-Gyn, October 5, 2017
- o Panelist, *Mock Trial*, Mount Sinai Medical Center, April, 2016
- o Invited panelist, Health Care Risk Management Conference, New York, March 2, 2016.
- o Grand Rounds, Mount Sinai Beth Israel, Quality and Patient Safety 2015, 2016
- o Invited Speaker, Yale Humanities in Medicine Program, March, 2015
- o Invited panelist, Health Care Risk Management Conference: Communication for Patient Safety, New York, March 5, 2014.
- o Grand Rounds, Mount Sinai Beth Israel, Quality and Patient Safety 2014

## Curriculum Vitae

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- o Ohio State University, Department of Psychiatry, STAR Community Forum, Sharing Loss and Hope, November, 2013
- o Commencement Speaker, Temple University, College of Science and Technology, May, 2013.
- o Yale Obstetrical and Gynecological Society Symposium, Elective C-Section, April, 2013
- o Grand rounds, Maimonides Medical Center, Perinatal Loss, February, 2013
- o Symposium, Frontiers in Human Reproduction, Yale University School of Medicine, Humanism and Perinatal Loss, May, 2012.
- o Grand Rounds, Department of Ob-Gyn, Beth Israel Hospital, Perinatal Loss and Bereavement, January, 2012
- o Grand Rounds, Department of Ob-Gyn, Columbia University School of Medicine, Humanism and Perinatal Loss, Aug. 2010
- o Invited Speaker Kate Kuhn Woodbury M.D. Memorial Lecture, Humanism and the Care of the Patient with Cancer, St. Francis Hospital, May 12, 2010
- o Visiting Professor, Perinatology Research Branch, NIH, Dr. Roberto Romero, Chief, June, 2009.
- o Grand Rounds, Feld Memorial Lecture, Wayne State University, June, 2009
- o North American Society for Psychosocial Obstetrics and Gynecology, Psychological Aspects of Perinatal Loss, February, 2009
- o Grand Rounds, University of California, San Diego, Department Gynecology and Obstetrics, Humanism and the Ob-Gyn, October, 2008
- o Grand Rounds, Emory University Department Gynecology and Obstetrics, Humanism and the Ob-Gyn, February, 2008
- o Invited Speaker International Stillbirth Alliance / Stillbirth Collaborative Network, Washington, D.C., October, 2007
- o International Stillbirth Alliance, Birmingham, England, Perinatal Bereavement, September, 2007
- o Participant and Invited Speaker, 9th SIDS and Stillbirth International Conference , Multiple presentations on Perinatal Loss and Bereavement, June 1-4 2006, Yokohama, Japan.
- o World Congress on the Internet in Medicine / Mednet 2005; Society on the Internet in Medicine, A web-based program for Humanism in Medical Practice, Prague, November, 2005.
- o International Stillbirth Alliance Conference, September, 2005, Scientific Advisory Committee and Speaker.
- o Keynote and Featured Speaker, Caring for the Sorrow of Obstetrical Loss, Minneapolis, Minnesota, Allina Healthcare System, Abbott Northwestern Hospital, April 9, 2005
- o Keynote Address. American Medical Student Association, Boston, Massachusetts, Perinatal Loss and a Philosophy of Care, November 14, 2004:
- o Participant, Roundtable Discussion, International Stillbirth Alliance, May 26, 2004
- o February 19, 2004 Guest Lecturer, Don McCran Memorial Lecture, St. Francis Hospital, Hartford, Connecticut
- o Mednet, 2004 Society on the Internet in Medicine, A Program to Improve Access Perinatal Healthcare Services, Geneva, November, 2004.
- o October, 2003, Keynote Lecture, Perinatal Bereavement Conference, Perinatal Loss and Bereavement, Winthrop Hospital, New York
- o Kate Woodbury Memorial Lecture, *Humanism in the Age of Advanced Medical Technologies*, April, 2003
- o October 17, 2002, Institute for Family Centered Care, Faculty

## Curriculum Vitae

Michael R. Berman, MD, MBI, FACOG

April, 2019

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- o October 10, 2002, Stockholm Challenge; Presentation and exhibition to International Conference on Internet Technology, Finalist
- o KidsCare Conference, Rockford, Illinois, March 6, 2002,
- o November, 2001 Sudden Infant Death Syndrome Center of New Jersey
- o September 8, 2001, National Academy of Sciences/Institute of Medicine, Committee on Care of Children Who Die and their families
- o September 6-7,2001, Middlebury College and Porter Hospital, Middlebury, Vermont
- o Grand Rounds, Stanford University, Perinatal Loss and Bereavement, June, 2001,
- o Grand Rounds, Brown University, Perinatal Loss and Bereavement ,December 7, 2000
- o Keynote Speaker, March of Dimes, Minnesota, October 24, 2000
- o Keynote Speaker, Arizona SIDS Alliance, June 8, 2000
- o Grand Rounds, Thomas Jefferson University Dept. of Obstetrics and Gynecology, Perinatal Loss and Bereavement ,March, 2000
- o Grand Rounds, Wayne State University Dept. of Obstetrics and Gynecology, Perinatal Loss and Bereavement ,February, 2000
- o Keynote Speaker, Perinatal Bereavement Program, North Shore Hospital, New York, October, 1999
- o Grand Rounds, New York Hospital-Cornell Medical College, Perinatal Loss and Bereavement ,April, 1999
- o Humanities in Medicine Program, Yale Medical School, February 4, 1999
- o Grand Rounds-Department Ob-Gyn, Maine Medical Center, Perinatal Loss and Bereavement ,January, 1999
- o National Association of Nurse Practitioners in Reproductive Health, Las Vegas, Nevada, Perinatal Loss and Bereavement , October 16, 1998
- o Keynote Address the 11<sup>th</sup> Annual National Perinatal Bereavement Conference, Baltimore, Maryland, October 3, 1998
- o Grand Rounds-Department Ob-Gyn, Stonybrook University, Perinatal Loss and Bereavement, October, 1998
- o Grand Rounds-Department Ob-Gyn St. Joseph's Hospital, Patterson, New Jersey, Perinatal Loss and Bereavement , September, 1998
- o Grand Rounds-Department Ob-Gyn Norwalk Hospital, Norwalk, Connecticut, Perinatal Loss and Bereavement ,September, 1998
- o Grand Rounds-Department Ob-Gyn Windham Hospital, Windham, Connecticut, Perinatal Loss and Bereavement ,February, 1998
- o Grand Rounds-Department Ob-Gyn Vanderbilt University-Nashville, Tennessee, Perinatal Loss and Bereavement , February, 1998
- o Grand Rounds-Department Ob-Gyn The University of Connecticut, Perinatal Loss and Bereavement , October 22, 1997
- o Grand Rounds-Department Ob-Gyn Bridgeport Hospital, Perinatal Loss and Bereavement , October 30, 1997
- o Grand Rounds-Department Ob-Gyn New York University, Perinatal Loss and Bereavement September 3, 1997
- o Grand Rounds-Department Ob-Gyn Washington University-St. Louis, Perinatal Loss and Bereavement ,April 16, 1997
- o Grand Rounds-Department Ob-Gyn Temple University, Perinatal Loss and Bereavement , April 2, 1997



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- o Grand Rounds-Department Ob-Gyn Mt. Sinai Hospital, New York, Perinatal Loss and Bereavement, February 12, 1997
- o Grand Rounds-Department Ob-Gyn Stanford University, Perinatal Loss and Bereavement , January, 1997
- o Grand Rounds-Department Ob-Gyn Santa Clara Valley Medical Center, San Jose, Ca., Perinatal Loss and Bereavement, Jan. 1997
- o Pregnancy Loss Seminar North Shore University Hospital October 20, 1996
- o Grand Rounds-Department Ob-Gyn Yale University School of Medicine, Yale New Haven Hospital, Perinatal Loss and Bereavement, September 11, 1996

## SELECTED MEDIA INTERVIEWS

- o October, 2018, ABC Good Morning Connecticut, Stillbirth and Bereavement Care
- o November, 2014 Yahoo Health, *Miscarriage*
- o September 1, 2009, NBC Today Show; Megan Meany, Meredith Viera
- o September, 2002, CBS, Mika Brzezinski
- o August 2, 2001, NBC, The Today Show, Interview, Katie Couric
- o June, 2001, ABC, The Discovery Health Channel
- o April 17, 2001, National Public Radio The Faith Middleton Show
- o January 24, 2001, The Early Show, CBS
- o March 1997, New York Times, Connecticut Section

## VOLUNTARY PRESENTATIONS

- o July, 2013, NYSPQC Obstetrical Improvement Project Presentation Poster presentation at the Greater New York Hospital Association Conference.

Title: A web based electronic scheduling program with a 100% mandatory “hard stop” which has contributed to a significant reduction in rates Cesarean Sections and in particular the Nulligravida Term Singleton Vertex (NTSV) rate.

## MEDIA RESOURCE EDUCATIONAL MATERIALS

1995-present Hygeia.org: An internet-based program with a mission to comfort families who have endured the tragic loss of a pregnancy or newborn child. Hygeia® maintains a global, in-kind caring community in which thousands have participated and shared their stories of loss and hope

- <http://hygeia.org>

1997- Hygeia Foundation, Inc. Founder and President Emeritus; aka *Hope After Loss*. A non-profit 501 c-3 organization providing support to bereaved parents.

- <http://hopeafterloss.org>

2010- Ephemeris Project- *The Ephemeris Project* is a Medical Education Portal where health professionals, students, and patients can learn and think about the human dimension of healthcare.

- <http://ephemerisproject.com>

## **SOFTWARE DEVELOPMENT:**

### **2017**

ESTER© is a new, innovative online software program, which is an event reporting system and database, a platform for sharing QI Project ideas and projects and a portal for quality and safety resources. It is a program initially designed for evaluation by House Staff and Fellows at Mount Sinai Beth Israel Hospital (MSBI), but intended for use by all hospital personnel. MSBI hospital is currently using a paper and telephone reporting system. This project addresses two essential needs for Graduate Medical Education in Quality and Safety: Reporting within a Just Culture and Feedback.

### **2016**

Hygeia® Health Systems, LLC (HHS®) provides programs and services to the public, to healthcare teams and to others with a mission to enhance communication, clarification, engagement, quality, safety, trust and humanism (the need for healthcare to be personal and humane with empathy and compassion) within the healthcare system. The programs and services of HHS® advocate for a safe, compassionate and supportive healthcare experience. The foundation of this quality experience begins with optimal communication between the patient and the healthcare provider. Families achieve optimally healthy outcomes when their care and resources are provided in an atmosphere of:

- Open (transparent), effective healthcare-provider communications
- Shared decision-making between and among families, clinicians and others on the healthcare team
- Evidenced / experiential based practices occurring within a milieu of consistent and compassionate care
- Support beyond the ordinary that fosters understanding, compassion and hope; the human dimension of healthcare.

Hygeia® Health Systems, LLC provides its transacted business through Internet-based programs, programs distributed as Software as a Service (SAAS), personal communications (virtual and face-to-face), creative and reflective writing, and the participation in professional reviews, publications and lectures.

The Hygeia® Health Systems, LLC website, <http://hygeia.org> is a portal to programs that concern the human dimension in healthcare; the balance of collaboration between the patients and their providers. In this age of advanced medical and information technologies and accompanying changing paradigms in health care delivery, medical professionals must strive to acknowledge that as the benefits of these technologies are fully realized, their expanding sphere of influence does not disenfranchise the patient or depersonalize the physician-patient relationship.

The programs I have written and the writings I share here derive their mission from the imperative principles inherent in the healthcare provider - patient relationship: to always maintain, respect and teach the tenets of inviolate trust. Thus Hygeia® Health Systems, LLC at <http://hygeia.org> is a gateway to original programs concerning the apposition of new medical and information technologies to (a) affect cures, restore health, maintain wellness to improve the quality, efficiency and safety of healthcare with (b) the need for healthcare providers to provide care that is personal and humane with empathy and compassion.

### **2013**

- **LDSP:** A Labor and Delivery scheduling program with decision support.

**Curriculum Vitae**  
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**April, 2019**  
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**REFERENCES UPON REQUEST:**