

## CURRICULUM VITAE

NAME Jeffrey Ian Mechanick, M.D., F.A.C.P., F.A.C.E., F.A.C.N.,  
E.C.N.U

CITIZENSHIP USA

ACADEMIC APPOINTMENTS

Professor  
Department of Medicine  
Division of Cardiology  
Division of Endocrinology, Diabetes and Bone Disease  
Icahn School of Medicine at Mount Sinai  
March 2017 to present

Medical Director  
Marie-Josée and Henry R. Kravis Center For Cardiovascular  
Health at Mount Sinai Heart  
Division of Cardiology, Cardiovascular Institute  
Icahn School of Medicine at Mount Sinai  
March 2017 to present

Clinical Professor  
Department of Medicine  
Division of Endocrinology, Diabetes and Bone Disease  
Icahn School of Medicine at Mount Sinai  
July 2007 to present

Director  
Metabolic Support Service  
Division of Endocrinology and Metabolism  
The Mount Sinai School of Medicine  
July 1996 to present

Associate Clinical Professor  
Department of Medicine  
Division of Endocrinology and Metabolism  
The Mount Sinai School of Medicine  
July 1996 to present

Assistant Clinical Professor  
Department of Medicine  
Division of Endocrinology and Metabolism  
The Mount Sinai School of Medicine  
July 1991 to June 1996

Clinical Instructor  
Division of Department of Medicine  
Endocrinology and Metabolism  
The Mount Sinai School of Medicine  
July 1990 to June 1991

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Research Associate in Neuroendocrinology  
Fishberg Center for Neurobiology Research  
The Mount Sinai School of Medicine  
July 1990 to December 1990

#### HOSPITAL APPOINTMENTS

Attending  
Department of Medicine  
Division of Endocrinology, Diabetes and Bone Disease  
Icahn School of Medicine at Mount Sinai  
July 2007 to present

Associate Attending  
Department of Medicine  
Endocrinology and Metabolism  
The Mount Sinai School of Medicine  
July 1996 to present

Assistant Attending  
Department of Medicine  
Endocrinology and Metabolism  
The Mount Sinai School of Medicine  
July 1991 to June 1996

Clinical Assistant  
Department of Medicine  
Endocrinology and Metabolism  
The Mount Sinai School of Medicine  
July 1990 to June 1991

#### GAPS IN EMPLOYMENT

none

#### EDUCATION

The Mount Sinai School of Medicine  
One Gustave L. Levy Place  
New York, New York 10029  
September 1981 to June 1985  
Degree: M.D.

The University of Maryland  
College Park, Maryland 20742  
August 1977 to June 1981  
Degree: B.S.

#### POSTDOCTORAL TRAINING

Fellow in Endocrinology and Metabolism  
The Mount Sinai School of Medicine  
Division of Endocrinology and Metabolism and  
Fishberg Center in Neurobiology  
July 1988 to June 1990

Resident in Internal Medicine  
Baylor College of Medicine  
One Baylor Plaza  
Houston, Texas 77030  
June 1985 to June 1988

#### CERTIFICATION

Endocrine Certification in Neck Ultrasound  
American College of Endocrinology

October, 2009

Physician Nutrition Specialist  
American Board of Physician Nutrition Specialists  
November 2001

Specialist in Clinical Nutrition  
American Board of Nutrition  
October 1997

Nutrition Support Physician  
National Board of Nutrition Support  
Certification, Inc.  
April, 1996

Diplomat  
American Board of Internal Medicine  
Endocrinology and Metabolism  
#118060  
November 11, 1993  
Recertified 2003  
Recertified 2012

Diplomat  
American Board of Internal Medicine  
#118060  
September 15, 1988

Diplomat  
American Board of Medical Examiners  
#304393  
August 20, 1986

LICENSURE

New York State  
#167522  
August 20, 1986

HONORS/AWARDS

Industry Impact Award – Heathcare and Medicine  
University of Maryland  
2011

Biology Alumnus Award  
University of Maryland  
2011

Endocrinologist of the Year  
Division of Endocrinology and Metabolism  
Mount Sinai School of Medicine  
2000

Fellow  
American College of Nutrition  
2000

Fellow  
American College of Physicians

1995

Fellow  
American College of Endocrinology  
1995

General Internal Medicine Award  
Ben Taub General Hospital  
Baylor College of Medicine  
1987

The Mount Sinai Journal of Medicine  
Student Prize  
1987

The Dr. Harold Lamport Prize  
Best Thesis in Biomedical Research  
The Mount Sinai School of Medicine  
1985

Research Award  
The Mount Sinai School of Medicine  
1984

Research Award  
The Mount Sinai School of Medicine  
1983

Honors Thesis Award  
Phi Kappa Phi  
The University of Maryland  
1981

Sklar Award  
General Honors Program  
The University of Maryland  
1981

Cum Laude  
The University of Maryland  
1981

High Honors in Zoology  
The University of Maryland  
1981

General Honors  
The University of Maryland  
1981

Biology Honors Society  
Phi Sigma  
The University of Maryland  
1981

Senior Honors

The University of Maryland  
1981 and 1980

Dean's List  
The University of Maryland  
1977-1981

Senior Honors Society  
Phi Kappa Phi  
The University of Maryland  
1980

Freshman Honors Society  
Phi Eta Sigma  
The University of Maryland  
1979

PATENTS

none

OTHER PROFESSIONAL ROLES

PROFESSIONAL SOCIETIES

American Diabetes Association  
2004

Medical Society of the State of New York  
1998

Society for Nutritional Oncology Adjuvant  
Therapy, 1998

American Society for Clinical Nutrition  
1997

American Society for Nutritional Sciences  
1997

New York Cancer Society, 1996

American Thyroid Association, 1995

American Association of Clinical  
Endocrinologists, 1994

The Paget Foundation, 1992

National Graves' Disease Foundation, 1991

American Society for Parenteral and  
Enteral Nutrition, 1991

American Society for Bone and Mineral  
Research, 1991

Osteoporosis Foundation, 1991

International Society of Androgenic

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Disorders, 1990

American Federation for Clinical Research,  
1989

International Society of Neuroendocrinology,  
1989

Endocrine Society, 1988

American College of Physicians, 1987

American Medical Association, 1981

New York Academy of Sciences, 1981

## MISCELLANEOUS

Editor-in-Chief Emeritus  
President's Council on Fitness, Sports and Nutrition  
Elevate Health  
2016

Chair  
Board of Visitors  
University of Maryland  
College of Computational, Mathematics and  
Natural Sciences  
2016 to present

Editor-in-Chief  
President's Council on Fitness, Sports and Nutrition  
Elevate Health  
2013-2015

Editorial Board  
Current Opinion in Clinical Nutrition and Metabolic Care  
2005 – present

Editorial Board  
U.S. Endocrinology  
2005 - present

Member  
Board of Visitors  
University of Maryland  
College of Computational, Mathematics and  
Natural Sciences  
2013 to present

Lead Editor  
President's Council on Fitness, Sports and Nutrition  
Research Digest  
2013

Section Editor  
Epidemiology and Pathophysiology  
Current Osteoporosis Reports

2011-2012

Section Editor - Obesity  
Current Opinion in Endocrinology, Diabetes, and Obesity  
2008-2013

Editorial Board  
Egyptian Journal of Obesity, Diabetes, and Endocrinology  
2011 to present

Junior Editor  
President's Council on Fitness, Sports and Nutrition  
Research Digest  
2011-2012

Chair, Core International Committee  
Transcultural Diabetes Nutrition Algorithm Working Group  
2010-present  
(funded by Abbott Nutrition International)

Editorial Board  
Journal of Thyroid Research  
2010-2011

Panelist  
1<sup>st</sup> World Congress on Interventional Therapies for Type  
2 Diabetes.  
September 15-16, 2008 NY Marriott Marquis, NYC  
Panelist and Program Committee  
March 28-30, 2011 NY Hilton, NYC

Course Director  
AAACE Consultants' Course  
Nutrition and Metabolic Support  
Mount Sinai Medical Center  
October 13<sup>th</sup>, 2007

Course Director  
Thyroid and Parathyroid Diseases  
Multidisciplinary Management of Head and Neck Cancer and  
Thyroid and Parathyroid Diseases  
2002, 2005-2009  
Controversies in the Management of Thyroid and Parathyroid  
Diseases. 19<sup>th</sup> Annual Course. The Ritz-Carlton, Westchester,  
White Plains, NY  
2010, 2011

Section Editor – Nutrition and the ICU  
Current Opinion in Clinical Nutrition and Metabolic Care  
2005 - present

Advisory Board  
Thyroid Head and Neck Cancer Foundation  
2005 - present

Medical Advisor

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Ajinomoto Sports Science Foundation  
2004 - 2005

Board of Directors  
Moltech Corporation  
2003 to present

Consultant  
The Carcinoid Cancer Foundation  
2004 - present

Poster Professor  
American Society of Parenteral and Enteral Nutrition  
Monday, January 24, 2000  
Nashville, TN

Nutrition Care Committee  
Mount Sinai Medical Center  
1998 to present

Board of Directors  
Association of Attending Staff  
Mount Sinai Medical Center  
1995 - 1999

Physician  
Student Health  
The Mount Sinai School of Medicine  
1991-1996

#### NATIONAL COMMITTEES

President  
American College of Endocrinology  
2016-2017

Advisory Board  
The Nutrition Coalition  
2016 to present

Member  
Board of Regents  
ACE Foundation  
2014-present

Member  
Finance Committee  
AACE  
2013-present

Member  
Finance Committee  
ACE  
2013-present

Member  
International Scientific Committee  
Italian Society for Metabolism, Diabetes, Obesity



2015

Member  
Diabetes You Working Group  
Hormone Health Network  
The Endocrine Society  
2015

President-Elect  
American College of Endocrinology  
2015-2016

Chair  
AACE/ACE Center for Transcultural Endocrinology (ACTE)  
2015-present

Chair  
AACE Awards Committee  
2014-2015

Chair  
AACE Nominating Committee  
2014-2015

Immediate Past President  
AACE  
2014-2015

Chancellor  
American College of Endocrinology  
2014-2015

President  
AACE  
2013-2014

Chair  
AACE Executive Committee  
2013-2014

President-Elect  
AACE  
2012-2013

Vice-Chair  
AAECORP Board of Directors  
2012-2013

Vice-President (concurrent with Treasurer)  
AACE  
2011-2012

Chair  
AACE CAP Committee  
2012-2013

Member  
AAACE Obesity Committee  
2011-present

Chair  
AAACE Task Force to Develop Education Programs for Allied  
Health Professionals  
2011-2012

Post Graduate Medical Education Task Force  
ASPEN  
2011-2012

Chair  
AAACE Educational Services Committee  
2011-2012 (Member 2012-2015)

Chair  
Finance Committee  
AAACE/ACE  
2011-2012

Secretary/Treasurer  
American College of Endocrinology  
2011-2012

Treasurer  
AAACE  
2011-2012

Co-Chair  
Program Committee  
AAACE Annual Meetings - 2011

Program Committee  
2<sup>nd</sup> World Congress on Interventional Therapies for Type 2  
Diabetes  
2011

President's Council on Fitness, Sports and Nutrition  
Science Board  
2011 - 2014

Scientific and Organizing Secretary  
Multidisciplinary Conference: Lifestyle and Ageing  
Pisa, Italy  
2010

Chair  
Bylaws Committee  
ACE  
2010-2011

Funding Committee  
ACE  
2010-2011

Vice-Chair  
Diabetes Council  
AAACE  
2010-present

Co-Chair  
Program Committee  
AAACE  
2010 - 2011

Vice-Chairperson  
Diabetes Council  
AAACE  
2010 - 2011

Executive Committee  
AAACE  
2010 – present

Secretary  
Finance Committee  
AAACE  
2010 - 2011

Secretary  
AAACE Board of Directors  
2010 - 2011

Pathogenic Adipose Tissue Task Force  
AAACE  
2009 - present

Co-Chair  
Ad Hoc Task Force on Electronic Implementation of CPG  
AAACE  
2009 - present

AAACE Educational Services Committee  
2009 – present

Co-Chairman  
Summit to Address Physician Shortage in Nutrition  
2009 - present

Program Committee CNW2011  
American Society of Parenteral and Enteral Nutrition  
2009 - present

Steering Committee  
Obesity Certification Examination  
2009-2010

Chair  
Ad Hoc Task Force on AAACE Web-based Publications  
2009-2010

Poster Committee  
2010 Annual Meeting  
American Society of Parenteral and Enteral Nutrition  
2009

Chairman  
Publications Committee  
AACE  
2005-2007, 2009

Program Committee  
AACE  
2008 - present

Vice-Chairman  
Publications Committee  
AACE  
2008-2009

Chair  
Guidelines Subcommittee  
AACE  
2008-present

Chair  
Task Force to Evaluate Future of ASAP  
AACE  
2007

Past President  
American Board of Physician Nutrition Specialists  
2006

Chair  
Task Force to Evaluate Endotext  
AACE  
2006

Fellowship Application Committee  
ACE  
2006

Nominating Committee  
AACE  
2006-2007

Chair  
Search Committee for Editor-in-Chief for *First Messenger*  
AACE  
2005-2006

Chair  
Search Committee for Editor-in-Chief for *Endocrine Practice*  
AACE  
2005-2006 (Member 2012-2013)

President  
American Board of Physician Nutrition Specialists  
2005-2006

Board of Directors  
AACE  
2005 – present

Chairman  
Rapid Response Committee for the Reevaluation of the Insulin  
Resistance Syndrome  
AACE  
2005

Chairman  
Ad Hoc Committee on AACE Publication Cosponsorship  
AACE Publication Committee  
2005

Editorial Board Member  
Update in Respiratory technology and Applied technology  
2005 - present

Vice-President  
American Board of Physician Nutrition Specialists  
2004-2005

Power of Prevention Committee  
AACE  
2004-present

Chair  
Ad Hoc Committee on Guidelines for Guidelines  
Publications Committee  
AACE  
2003-2004, 2009-2010

Female Athlete Triad Coalition  
2003-2005

Vice-President Elect  
American Board of Physician Nutrition Specialists  
2003-2004

Endocrine Health Task Force  
AACE  
2002

Secretary/Treasurer  
American Board of Physician Nutrition Specialists  
2001 - 2003

Board of Directors  
American Board of Physician Nutrition Specialists  
2001 - present

Associate Editor  
Endocrine Practice  
2001 - 2010

Publications Committee  
AAACE  
2001 - present

The American Medical Association/Specialty Society  
RVS Update Committee  
AAACE Representative  
2000

AAACE Tellers Committee  
2000

Intersociety Professional Nutrition Education  
Consortium  
AAACE Representative  
2000-present

Chairman  
Nutrition Committee  
American Association of Clinical Endocrinologists  
1999-2010

Nutrition Committee  
AAACE  
1999 - present

Chairman  
AAACE ASAP Subcommittee for Nutrition  
American Medical Accreditation Program  
Endocrinology and Metabolism Section  
1999 - present

Association of Program Directors in Endocrinology and  
Metabolism  
AAACE Representative  
1999

Regional Item Review Session  
National Board of Nutrition Support  
Professional Testing Corporation  
1997

Member  
AAACE ASAP Subcommittee for Nutrition  
American Medical Accreditation Program  
Endocrinology and Metabolism Section  
1997-1999

## RESEARCH PROFILE

My years of productive research have spanned 4 decades with a wide scope that covers the following endocrinology sub-disciplines: neuroendocrinology, reproductive endocrinology,

diabetes, nutrition, thyroidology, bone and mineral metabolism, computational and systems biology, lifestyle medicine, and critical illness. This has produced over 300 publications including 9 books, over 60 chapters, and 208 pubmed citations. The major focus of my current research is in the field of critical illness endocrinology. I have also developed a transcultural endocrinology platform for implementation on domestic and global scales, a molecular nutrition paradigm for healthy eating patterns, a lifestyle medicine program, and with colleagues in AACE/ACE, guidelines for the development of clinical practice guidelines, algorithms, and checklists.

CLINICAL PROFILE

I have a private practice in endocrinology for 27 years. My outpatient practice attracts patients locally in New York City, nationally, and internationally with consistent referrals from South America, Canada, India, Southeast Asia, London, and the Persian Gulf states. My inpatient practice is limited to endocrinology, metabolism, and nutrition at The Mount Sinai Hospital. I provide approximately 50 patient consults or follow-up services per day in this high volume clinical practice.

IMPACT

The impact of the above research and clinical activities, coupled with my leadership roles in the American Association of Clinical Endocrinologists, American College of Endocrinology, and the President's Council for Fitness, Sports and Nutrition has had strong local, national, and international impact in the fields of endocrinology and nutrition.

GRANTS, CONTRACT, FOUNDATION SUPPORT

PAST

GalaGen, Inc A prospective, randomized, controlled study to evaluate plasma glutamine levels in chronically, critically ill patients receiving enteral glutamine provided as glutamine peptide vs. Free amino acid. GCO 99-281(0001)01ME	Co-PI	5/99-5/00	10,700.00
Select Medical Corporation Predictive modeling in chronic critical Illness. GCO 11-0620 0001 02 ME	PI	7/11-9/12	171,124.31

TEACHING ACTIVITIES

Endocrinology fellowship	division	Inpatient rounds Noon conference Morning rounds	fellow (96)	1990-present
Internal medicine residency	department	Ward rounds MICU rounds	resident (40) resident (28)	1990-1993 1994-2000
Tailored Elective	medical school	research projects Clinical rounds	students (8)	2008-present

Endocrine course	medical school	endocrine small group	students (30)	1990-1993
Molecular endocr course	graduate school	lecturer	students (21)	1994-1996

### ADMINISTRATIVE LEADERSHIP (SEE PROFESSIONAL ACTIVITIES ABOVE)

1. American Association of Clinical Endocrinologists: committee chairs, board of directors, executive committee and President
2. American College of Endocrinology: committee chairs, board of trustees, secretary/treasurer, chancellor, and President
3. President's Council on Fitness, Sports and Nutrition (PCFSN) – Science Board
4. Editor-in-Chief and Emeritus status, PCFSN Quarterly Journal *Elevate Health*
5. Transcultural Diabetes Nutrition Algorithm Working Group – Chair
6. Numerous clinical symposia and courses globally
7. Numerous boards
8. Numerous editorial positions

### PUBLICATIONS

#### ORIGINAL REPORTS

1. **Mechanick JI**, Futterweit W 1984 Hypothesis: aberrant puberty and the Stein-Leventhal syndrome. *Int J Fertil* 29:35-38.
2. **Mechanick JI** 1985 Coomb's positive hemolytic anemia following sulfasalazine therapy in ulcerative colitis: case reports, review, and discussion of pathogenesis. *Mt Sinai J Med* 52:667-670.
3. **Mechanick JI**, Futterweit W 1986 The aberrant puberty hypothesis of polycystic ovarian disease: a review. *Mt Sinai J Med* 53:310-314.
4. Futterweit W, Yeh HC, **Mechanick JI** 1986 Multifollicular ovaries in weight-loss related amenorrhea. *Lancet* 1: 796.
5. **Mechanick JI**, Hochberg FH, LaRoque A 1986 Hypothalamic dysfunction following whole brain irradiation: an early marker of radiation toxicity. *J Neurosurg* 65: 490-494.
6. **Mechanick JI**, Peskin CS 1986 Resolution of steroid binding heterogeneity by Fourier-derived affinity spectrum analysis (FASA). *Anal Biochem* 157:221-235.
7. **Mechanick JI** 1987 Methods of creative cognition in medical diagnosis. *Mt Sinai J Med* 54:348-354.
8. Futterweit W, **Mechanick JI** 1987 Myotonic dystrophy presenting as infertility. *Int J Fertil* 32:142-144.
9. **Mechanick JI**, Cohen-Becker IR, Gregerson KA, Selmanoff MK 1987 Distribution of 3,4-dihydroxyphenylacetic acid (DOPAC), 3,4-dihydroxyphenylglycol (DOPEG), dopamine (DA), norepinephrine (NE), and epinephrine (E) in twenty microdissected hypothalamic structures: metabolic changes in the lateral and medial median eminence and pituitary gland in response to hyperprolactinemia and suckling. *J Neural Transmission* 68:197-215.
10. Mallette LE, **Mechanick JI** 1987 The heritable syndrome of pseudoxanthoma elasticum with abnormal phosphorus and vitamin D metabolism. *Am J Med* 83:1157-1162.



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11. Futterweit W, Yeh HC, **Mechanick JI** 1988 Ultrasonographic study of ovaries of 19 women with weight loss-related hypothalamic oligo-amenorrhea. *Biomed and Pharmacolther* 42:279-284.
12. Mallette LE, LeBlanc AD, Pool JL, **Mechanick JI** 1989 Cyclical therapy of osteoporosis with neutral phosphate and brief, high dose pulses of etidronate. *J Bone Min Res* 4:143-148.
13. Kassan S, **Mechanick JI**, Gurside E 1989 Altered estrogen receptor system in estrogen-unresponsive human endometrial adenocarcinoma cells. *J Steroid Biochem* 33:327-333.
14. **Mechanick JI**, Peskin CS 1990 A C version of Fourier-derived affinity spectrum analysis to resolve binding heterogeneity. *Bioinformatics* 6:189-194.
15. **Mechanick JI**, Levin N, Roberts JL, Autelitano DJ 1992 Proopiomelanocortin (POMC) gene expression in a distinct population of rat spleen and lung leukocytes. *Endocrinology* 131:518-525.
16. Murthy S, **Mechanick JI** 1993 Unusual scintigraphic findings in a thyroid adenoma. *J Nucl Med* 34:465-466.
17. Hauptman PJ, **Mechanick JI**, Lansman S, Gass A 1993 Fatal hyperthyroidism after amiodarone treatment and total lymphoid irradiation in a cardiac transplant recipient. *J Heart Lung Transpl* 12:513-516.
18. Maguire PA, **Mechanick JI**, Davies MF, Ellis DM, Meredith DB, Loew GH 1995 Resolving receptor heterogeneity using fourier-derived affinity spectrum analysis (FASA) and LIGAND: benzodiazepine receptors in the rat spinal cord. *J Pharm Exp Ther* 273: 842-849.
19. **Mechanick JI**, Morris JC 1995 Endocrinology clinical case seminars: hypokalemia in a 52-year old woman with non-small cell lung cancer. *J Clin Endocrinol Metab* 80:1769-1773.
20. Lorberboym M, Murthy S, **Mechanick JI**, Bergman D, Morris JC, Kim CK (1996) Thallium-210 and Iodine-131 scintigraphy in differentiated thyroid carcinoma. *J Nucl Med* 37:1487-1491.
21. Lorberboym M, **Mechanick JI** (1996) Accelerated thyrotoxicosis induced by iodinated contrast media in metastatic differentiated thyroid carcinoma. *J Nucl Med* 37:1532-1535.
22. Nierman DM, Eisen DI, Fein ED, Hannon E, **Mechanick JI**, Benjamin E (1996) Transthoracic bioimpedance can measure extravascular lung water in acute lung injury. *J Surg Res* 65:101-108.
23. **Mechanick JI**, Pomerantz F, Flanagan S, Stein A, Gordon WA, Ragnarsson K. (1997) Parathyroid hormone suppression in spinal cord injury patients is associated with the degree of neurologic impairment and not the level of injury. *Arch Phys Med Rehabil* 78:692-696.
24. Morris JC, Kim CK, Padilla ML, **Mechanick JI**. (1997) Conversion of non-iodine concentrating differentiated thyroid carcinoma metastases into iodine concentrating foci after anti-cancer chemotherapy. *Thyroid* 7:63-66.
25. **Mechanick JI**, Sacks H, Cobin R. (1997) Hypothalamic-pituitary axis dysfunction in critically ill patients with a low free thyroxine index. *J Endocrinol Invest* 20: 462-470.
26. Jennings TS, Cohen CJ, Dottino PR, **Mechanick JI** (1997) "Third spacing": perioperative fluid dysequilibrium in patients with malignant ascites. *J Pelvic Surg* 3:126-134.
27. Aulicino MR, Szporn AH, Dembitzer R, **Mechanick JI**, Batheja N, Bleiweiss IJ, Burstein DE (1998). Cytologic findings in the differential diagnosis of C-cell hyperplasia and medullary carcinoma by fine needle aspiration: a case report. *Acta Cytologica* 42:963-967.

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28. Nierman DM, **Mechanick JI** (1998) Evaluation of transthoracic bioelectrical impedance analysis in monitoring lung water during diuresis. *Appl Cardiopulm Pathophysiol* 7:57-62.
29. Nierman DM, **Mechanick JI** (1998) Bone hyperresorption is prevalent in chronically critically ill males. *Chest* 114:1122-1128.
30. Nierman DM, **Mechanick JI** (1999) Hypotestosteronemia in chronically critically ill men. *Crit Care Med* 27:2418-2421.
31. Nierman DM, **Mechanick JI** (2000) Biochemical response to treatment of bone hyperresorption in chronically critically ill patients. *Chest* 118:761-766.
32. Kim CK, Jung E, Yun M, Lorberboym M, **Mechanick JI**, Bergman D, Inabnet WB, Krymycky BR, Machac J. (2001) A normal variant on TI-201/Tc-99m MIBI whole body imaging: the superior right atrial wall (auricle) and superoanterior right ventricular wall are often seen as mediastinal lesions. *Clin Nucl Med* 26:412-418.
33. Mandell DL, Genden EM, **Mechanick JI**, Bergman DA, Biller HF, Urken ML (2001) Diagnostic accuracy of fine-needle aspiration and frozen section in nodular thyroid disease. *Otolaryngol Head Neck Surg* 124:531-536.
34. Mandell DL, Genden EM, **Mechanick JI**, Bergman DA, Diamond EJ, Urken ML (2001) The influence of intraoperative parathyroid hormone monitoring on the surgical management of hyperparathyroidism. *Arch Otolaryngol Head Neck Surg* 127:821-827.
35. Chen B, **Mechanick JI**, Nierman DM, Stein A (2001) Combined calcitriol-pamidronate therapy for bone hyperresorption in spinal cord injury patients. *J Spinal Cord Med* 24:235-240.
36. Fligelman LJ, Genden EM, Brandwein M, **Mechanick JI**, Urken ML. Significance and management of thyroid lesions in lymph nodes as an incidental finding during neck dissection. *Head Neck* 2001; 23:885-891.
37. Westreich RW, Brandwein M, **Mechanick JI**, Bergman DA, Urken ML. (2003) Preoperative parathyroid localization: correlating false negative technetium-99m-sestamibi scans with parathyroid pathology. *Laryngoscope* 113: 567-572.
38. Higgins KM, Mandell DL, Govindaraj S, Genden EM, **Mechanick JI**, Bergman DA, Diamond EJ, Urken ML. (2004) Rapid parathyroid hormone monitoring and post-thyroidectomy hypocalcemia: a prospective study. *Arch Otolaryngol Head Neck Surg* 130: 63-67.
39. **Mechanick JI**, Liu K, Nierman DM, Stein A. Effect of a convenient single 90 mg pamidronate dose on biochemical markers of bone metabolism in acute spinal cord injury patients. *J Spinal Cord Med* 2006; 29(4):406-412.
40. Filsoufi F, Rahmanian PB, Castillo JG, **Mechanick JI**, Sharma SK, Adams DH. Diabetes is not a risk factor for hospital mortality following contemporary coronary artery bypass grafting. *Interact Cardiovasc Thorac Surg* 2007 Sept 27 [Epub ahead of print].
41. Via M, Scurlock CS, Raikhelkar J, Diluozzi G, **Mechanick JI**. Chromium infusion reverses extreme insulin resistance in the cardiothoracic ICU. *Nutr Clin Pract* 2008; 23: 325-328.
42. Carpi A, Di Coscio G, Iervasi G, Antonelli A, **Mechanick J**, Sciacchitano S, Nicolini A. Thyroid fine needle aspiration: how to improve clinicians' confidence and performance with the technique. *Cancer Letters* 2008; 264: 163-171.

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26. **Mechanick JI**. Nutrition and cancer. In **Mechanick JI**, Brett EM (eds) 2010 Power of Prevention: The Complete Guide to Lifelong Nutrition. Amazon.com – Booksurge Publishing.
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28. **Mechanick JI**, Brett EM. Future developments in nutritional medicine. In **Mechanick JI**, Brett EM (eds) 2010 Power of Prevention: The Complete Guide to Lifelong Nutrition. Amazon.com – Booksurge Publishing.
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36. **Mechanick JI**, Brett EM. Malnutrition. In Dunn A, Kathuria N, Klotman P (eds). Handbook of Hospital Medicine. World Scientific Publishing (In Press).
37. **Mechanick JI**, Brett EM. Obesity and nutrition. In Camacho PM, Gharib H, Sizemore GW (eds). Evidence-Based Endocrinology, Third Edition. Lippincott Williams & Wilkins, New York, NY, pp. 300-321, 2012.
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40. Via M, **Mechanick JI**. Dysmetabolism and cachexia in cancer. In Morris J (ed) Thoracic Oncology: A Multidisciplinary Approach. (In Press).
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44. Iofin I, Via MA, **Mechanick JI**. Skeletal Complications. In Holland-Frei Cancer Medicine 9 (In Press)
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46. **Mechanick JI**, Via MA, Zhao S. Preface. Molecular Nutrition: The Practical Guide. In, Mechanick JI, Via MA, Zhou S (eds.). Molecular Nutrition: The Practical Guide. Endocrine Press, Washington, DC, 2015, p. x.
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51. **Mechanick JI**, Zhao S, Merrill WC. Dietary supplements and nutraceuticals. In, Mechanick JI, Via MA, Zhou S (eds.). *Molecular Nutrition: The Practical Guide*. Endocrine Press, Washington, DC, 2015, pp. 83-121.
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60. Kushner RF, **Mechanick JI**. Communication and Behavioral Change Tools: A Primer for Lifestyle Medicine Counseling. *Lifestyle Medicine – A Manual for Clinical Practice*. Springer (2016).
61. Hamdy O, **Mechanick JI**. Transcultural applications to lifestyle medicine. *Lifestyle Medicine – A Manual for Clinical Practice*. Springer (2016).
62. Cutts J, Maxwell MV, Kushner RF, **Mechanick JI**. Community Engagement and Networks: Leveraging Partnerships to Improve Lifestyle. *Lifestyle Medicine – A Manual for Clinical Practice*. Springer (2016).
63. Via MA, **Mechanick JI**. Chapter 44: Endocrine dysfunction leading to critical illness. In, Oropello JM, Kvetan V, Pastores SM (eds.). *Critical Care*, Lange, New York, pp. 551-561.

#### ABSTRACTS

1. **Mechanick JI**, Cohen-Becker IR, Gregerson KA, Selmanoff MK 1983 Changes in DOPAC/DA ratios in the medial (ME<sub>m</sub>) and lateral (ME<sub>l</sub>) median eminence in response to hyperprolactinemia and suckling. *Soc Neurosci Abstr* 9 (1): 208.1. Presented as poster at 13th annual meeting of Society for Neuroscience, Boston, November 6-11. 1983.

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2. **Mechanick JI**, Peskin CS, Levin HR, Gurdip E 1985 Resolution of steroid-binding heterogeneity by Fourier-derived affinity spectrum analysis (FASA). The Endocrine Society, 67th annual meetings, Baltimore, 1985: #1404.
3. **Mechanick JI** 1989 A C version of Fourier-derived affinity spectrum analysis (FASA) to resolve steroid binder heterogeneity: graphics and Monte Carlo studies. The Endocrine Society, 71st annual meetings, Seattle, 1989; #249P.
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5. **Mechanick JI**, Levin N, Roberts JL, Autelitano DJ 1990 Characterization of pro-opiomelanocortin (POMC) gene expression in a distinct population of rat spleen and lung leukocytes. The Endocrine Society, 72nd annual meetings, Atlanta, 1990 (oral presentation).
6. Dembitzer R, Szporn AH, **Mechanick JI**, Batheja N, Bleiweiss I, Hauptman, Burstein DE 1993 Cytologic findings in a case of C-cell hyperplasia. Am Society Cytology 37:813, Houston TX.
7. **Mechanick JI**, Padilla ML, Morris JC 1993 Does chemotherapy convert papillary thyroid carcinoma non-iodine trapping matastases into iodine trapping metastatic foci? Am Thyroid Assoc, Tampa FLA.
8. Murthy S, Webner P, **Mechanick JI**, Morris JC 1994 Clinical utility of thallium -201(TL) scintigraphy in the followup of differentiated thyroid cancer. J Nucl Med 35:167P (no.669).
9. **Mechanick JI**, Morris JC 1994 Dexamethasone-suppressible cortisol inactivation overload in a patient with non-small cell lung cancer. The Endocrine Society, 76th annual meetings, Anaheim, (oral presentation, #1040).
10. **Mechanick JI** 1994 Familial non-MEN C-cell hyperplasia presenting with secretory diarrhea. The Endocrine Society, 76th annual meetings, Anaheim, Poster #74A.
11. Fein ED, Scher HE, **Mechanick JI**, Nierman DM 1995 Sensitivity of right transthoracic bioelectrical impedance analysis in volume overloaded adults. American Thoracic Society, International Conference, Seattle, A331.
12. Nierman DM, Fein ED, **Mechanick JI** 1995 Transthoracic bioelectrical impedance analysis in normal adults. American Thoracic Society, International Conference, Seattle, A331.
13. Dattoli M, Lautersztain J, Schwartz S, **Mechanick J** 1996 Nutrition support in cancer patients undergoing aggressive radiation treatment. Am Soc Parenter Enteral Nutr, Washington DC, January 16th, #79. Published in Nutr Clin Pract 11:74, 96.
14. Eisen DI, Fein ED, Hannon E, **Mechanick JI**, Benjamin E, Nierman DM 1996 Lung Resistivity as determined by transthoracic bioimpedance correlates with gravimetric extravascular lung water measurements in a porcine endotoxin model. Soc Crit Care, New Orleans.
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18. Mandell DL, Genden EM, **Mechanick JI**, Bergman DA, Urken ML. 2000 Prediction of postoperative hypocalcemia after thyroid surgery using a rapid intraoperative parathyroid hormone (PTH) assay. 5Th Int Conf Head Neck Cancer.
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20. Kalb T, Goldstein N, Garrow A, Sapira E, **Mechanick JI**, Nierman D. 2000 The association between cellular immune dysfunction and outcome in chronically critically ill patients. *Am J Respir Crit Care Med*; 161:A90.
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22. Nierman DM, **Mechanick JI**. Blood glucose control in the post-ICU respiratory care unit. *Chest* 2003; 124: 176S.
23. Goldberg M, **Mechanick JI**, Nierman DM. Thyroid function and outcomes in chronic critical illness. *Endocrine Pract* 2004; 10(suppl 1): 47.
24. Via MA, Raikhelkar J, Scurlock C, Di Luozzo G, **Mechanick JI**. Chromium Infusion Reverses Extreme Insulin Resistance in the Cardiothoracic ICU. Oral Presentation: American Association of Clinical Endocrinologists Annual Meeting. May 16, 2008.
25. Via MA, Scurlock C, Adams D, **Mechanick JI**. Metabolic Modeling of Critical Illness. Abstract and Poster Presentation: Endocrine Society Annual Meeting. June 14-18, 2008.
26. Via MA, Scurlock C, Adams D, **Mechanick JI**. Metabolic Modeling of Critical Illness. Abstract and Poster Presentation: Metropolitan Diabetes Society. April 15, 2008.
27. Potenza M, Weiss A, Zaidi N, **Mechanick JI**. Metabolic support in cardiac cachexia: is parenteral nutrition safe in patients with end-stage heart failure receiving a ventricular assist device? *Endocrine Society* (accepted April 2009).
28. **Mechanick JI**, Carpi A, Rossi G, Di Coscio G, Iervasi G, Nicolini A, Bartolazzi A. Preoperative selection of palpable thyroid nodules: a prospective study of the diagnostic performance of concurrent FNAB cytology, LNAB histology and LNAB galactin-3 immunodetection. AACE Annual Meeting, Houston TX, May 14-17, 2009.
29. Weiss AJ, Zaidi M, **Mechanick JI**. The Skeletal Subsystem in Critical Illness as an Integrative Physiology Paradigm. Conference of Skeletal Biology and Medicine, April, 2009, Mount Sinai School of Medicine, New York, NY.
30. Carpi A, Rossi G, **Mechanick J**, Nicolini A, di Coscio G. Large needle aspiration biopsy for preoperative selection of Hurthle cell nodules. Abstract #1013 AACE 19<sup>th</sup> Annual Meeting and Clinical Congress, Boston, MA, April 21-25, 2010.

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31. **Mechanick JI**, Marchetti A. A transcultural diabetes-specific nutrition algorithm. American Diabetes Association, 71<sup>st</sup> Scientific Sessions, San Diego, CA, June 24-28, 2011.

32. **Mechanick JI**, Marchetti A, Tsang MW. A Diabetes-specific nutrition algorithm in culturally diverse populations. 1<sup>st</sup> Asia Pacific Congress of Diabetes Educators and 15<sup>th</sup> Taiwanese Association of Diabetes Education, Taipei, Taiwan, July 8-10, 2011.

33. **Mechanick JI**, Sheu WHH, Tsang MW, Marchetti A. A transcultural diabetes-specific nutrition therapy algorithm: Asian application. XI Asian Congress of Nutrition, Singapore, July 13-16, 2011.

34. Carpi A, Rossi G, Nicolini A, **Mechanick J**. Large needle aspiration biopsy of thyroid nodules is not more painful than fine needle aspiration biopsy. AACE 20<sup>th</sup> Annual Meeting and Clinical Congress, San Diego, CA, April 13-17, 2011.

35. Carpi A, Rossi G, Nicolini A, **Mechanick J**. A long term monitoring of the proportion of cancer within all the clinically detected thyroid nodules in a university hospital. AACE 21<sup>st</sup> Annual Meeting and Clinical Congress, San Diego, CA, May 23-27, 2012.

36. Schulman RC, Moshier EL, Godbold JH, **Mechanick JI**. Metabolic profiling of patients with chronic critical illness: exploratory data analysis of 150 patients. AACE 22<sup>nd</sup> Annual Meeting and Clinical Congress, Phoenix, AZ, May 2-5, 2013.

37. Schulman RC, Moshier EL, Rho L, Casey MF, Godbold JH, **Mechanick JI**. Association of glycemic control parameters with clinical outcomes in chronic critical illness. AACE 23<sup>rd</sup> Annual Meeting and Clinical Congress, Las Vegas, NV, May 15-18, 2014.

38. Skolnick A, Schulman RC, Galindo RJ, **Mechanick JI**. The endocrinopathies of male anorexia: an update and case series. AACE 23<sup>rd</sup> Annual Meeting and Clinical Congress, Las Vegas, NV, May 15-18, 2014.

39. Schulman RC, Moshier EL, Godbold J, **Mechanick JI**. Pamidronate for bone hyperresorption in chronic critical illness is associated with improved outcomes and renal parameters. AACE 24<sup>th</sup> Annual Meeting and Clinical Congress, Nashville, TN, May 14-17, 2015.

#### EXTRAMURAL INVITED LECTURES (**INTERNATIONAL IN BOLD**)

1. Cancer cachexia. First Clinical Congress Puerto Rican Chapter of the American Society Parenteral and Enteral Nutrition, Puerto Rico, March 24, 1994.

2. Hypermetabolism and cachexia in the cancer patient. Nutrition Grand Rounds, St Luke's-Roosevelt Medical Center, New York, June 2, 1994.

3. Metabolic support of the critically ill obese patient. The Medical and psychological aspects of obesity and weight control: meeting the challenges of medical and student education. Columbia-Presbyterian Medical Center, June 21, 1994.

4. Metabolic support in cancer cachexia. Surgical oncology rounds. Downstate Medical Center. December 16, 1994.

5. TPN Formulation Workshop. Second Annual Meeting of the American Association of Clinical Endocrinologists. Chicago, April 7, 1995.

6. Metabolic support of the critically ill patient. Symposium on nutrition support. Potomac Hospital, Potomac, Virginia. 8/29/95

7. Primary hyperparathyroidism. The New York Head and Neck Society 1995 education seminar. November 30th, 1995.
8. Disease-specific parenteral nutrition support formulation. Invited Lecture by Ivonyx, Inc. July 18th, 1996, Englewood, New Jersey.
9. Disease-specific parenteral nutrition support formulation. Invited lecture by Sigma Tau, March 14th, 1997, for Research Conference, Division of Gastroenterology, Robert Wood Johnson Medical Center, New Jersey.
10. Carnitine therapy and parenteral nutrition support. Invited lecture by Sigma Tau, March 14th, 1997, for GI Grand Rounds, Robert Wood Johnson Medical Center, New Jersey.
11. Carnitine therapy and parenteral nutrition support. Invited lecture by Sigma Tau, March 14th, 1997, La Fromagerie, New Jersey.
12. Carnitine therapy and parenteral nutrition support. Invited lecture by Sigma Tau, May 14th, 1997, The Highlawn, New Jersey.
13. Carnitine therapy and parenteral nutrition support. Invited lecture by Sigma Tau, October 1st, 1997, The Highlawn, New Jersey.
14. Parenteral and enteral nutrition support in hospitalized patients. September 25, 1998, Phelps Hospital, Tarrytown, NY.
15. New Paradigms in parenteral nutrition formulation. September 25, 1999, NJSPEN Meeting, Princeton, NJ.
16. Report of the AACE Nutrition Guidelines Task Force on the use of nutraceuticals in clinical medicine. AACE National Meetings, May 6, 2000, Atlanta, GA.
17. Malnutrition in the hospitalized patient. Endocrine Grand Rounds. St. Lukes Hospital, New York, October 25, 2000.
18. Short bowel syndrome - nutritional aspects. Frontiers in Gastrointestinal Diseases. Marriott Eastside, New York, November 3, 2000.
19. Theory and practice of nutrition and metabolic support in wound healing. NY Acad Med, December 14, 2001.
20. Postoperative hypocalcemia following thyroid and parathyroid surgery. Comprehensive management of head and neck tumors - a multidisciplinary course. Mount Sinai Medical Center, March 3, 2002.
21. Malnutrition in the Hospitalized Patient. AACE National Meetings, May 5, 2002, Chicago, Ill.
22. Nutrition and metabolic support of the hospitalized patient with wounds. Southside Hospital, Bayshore, NY, March 14, 2003.
23. Ultrasound guided fine needle aspiration. American College of Surgery Ultrasound Course. New York, September 18, 2004.
24. Dietary supplements and nutraceuticals with carcinoid syndrome. Carcinoid Foundation. Mount Sinai Hospital, October 13, 2004.



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25. Nutrition and Metabolic Support of the Chronically Critically Ill Patient. Harvard Nutrition Course: Enhancing the Safety of Parenteral and Enteral Nutrition. Royal Sonesta Hotel, November 7, 2004.

26. Mechanisms of Stress Hyperglycemia. Nutrition Week 2005, Orlando Fla, January 29, 2005.

27. Critical Care II. Nutrition Week 2005, Orlando Fla, January 29, 2005.

28. Nutrition Support for the Critically Ill Patient. GI Grand Rounds, Weill-Cornell Medical College. February 15, 2005.

29. Hyperparathyroidism. Moderator. Thyroid and Parathyroid Diseases. Beth Israel Medical Center, April 9, 2005.

30. Thyroid Ultrasound Course. Thyroid and Parathyroid Diseases. Beth Israel Medical Center, April 10, 2005.

**31. Clinical Practice Guidelines for the Use of Dietary Supplements and Nutraceuticals. Ajinomoto Research Conference, Tokyo, Japan, April 5, 2005.**

32. Obesity Workshop. AACE National Meetings, May 21, 2005. Washington, D.C.

33. Postoperative Nutrition and Metabolic Support of the Bariatric Surgery Patient. Diabetes Symposium. Cleveland Clinic, December 2<sup>nd</sup>, 2005, Cleveland, OH.

34. Obesity Update 2005. 2<sup>nd</sup> SPED Meeting, Caribe Hilton Hotel, December 9<sup>th</sup>, 2005, San Juan, PR.

35. Chronic critical illness. Topics in nutrition: challenges and issues. Clarian Health Partners – Methodist Hospital, February 24<sup>th</sup>, 2006, Indianapolis IN.

36. Pediatric thyroid cancer. 16<sup>th</sup> Annual Multidisciplinary Management of Thyroid and Parathyroid Diseases. Beth Israel Medical Center, New York, March 18, 2006.

37. Ultrasound Course Preceptor. 16<sup>th</sup> Annual Multidisciplinary Management of Thyroid and Parathyroid Diseases. Beth Israel Medical Center, New York, March 19, 2006.

38. Perioperative nutrition support of the head and neck cancer patient. 16<sup>th</sup> Annual Multidisciplinary Management of Head and Neck Cancer and Thyroid and Parathyroid Diseases. Beth Israel Medical Center, New York, March 22, 2006.

39. Nutrition and Critical Illness. Endocrine Grand Rounds. Beth Israel Medical Center, New York, May 11, 2006.

40. Dietary supplements and nutraceuticals in endocrinology. Endocrine Society Annual Meeting, Boston, MA, June 27, 2006.

**41. Progress in the preoperative diagnosis of thyroid nodules. Advances in management of malignancies. Ninth International Congress, Pisa, Italy, October 12<sup>th</sup>, 2006.**

**42. Progress in the preoperative diagnosis of thyroid nodules. Diagnosi e trattamento dei tumori attualità e progressi. Comune di Monte Argentario (Italy), October 14<sup>th</sup>, 2006.**

43. Chronic Critical Illness Syndrome. Clinical Nutrition Grand Rounds. Memorial Sloan-Kettering Hospital. New York, NY, October 25, 2006.

44. Pediatric Thyroid Cancer. 17<sup>th</sup> Annual Multidisciplinary Management of Thyroid and Parathyroid Diseases. Beth Israel Medical Center, New York, March 17, 2007.

45. Ultrasound Course Preceptor. 17<sup>th</sup> Annual Multidisciplinary Management of Thyroid and Parathyroid Diseases. Beth Israel Medical Center, New York, March 18, 2007.

46. Nutrition Support and Multimodality Approaches to Head and Neck Cancer. 17<sup>th</sup> Annual Multidisciplinary Management of Head and Neck Cancer and Thyroid and Parathyroid Diseases. Beth Israel Medical Center, New York, March 19, 2007.

47. Perioperative Nutrition Support of the Bariatric Surgery Patient. Plenary Session. Annual Meeting of the American Association of Clinical Endocrinologists, Seattle, WA, April 11, 2007.

48. Metabolic Support and Critical Illness. Nutrition and Preventive Medicine Grand Rounds. Presbyterian Hospital, New York, April 27, 2007.

49. Diabetes and Nutrition Support. ASPEN Annual Meeting, Chicago, February 12, 2008.

50. Fine Needle Aspiration of the Thyroid and Parathyroid. Controversies in the Management of Thyroid and Parathyroid Diseases. April 6, 2008, Tarrytown House Estate and Conference Center, Tarrytown, NY.

51. Nutrition and Chronic Critical Illness. Select Medical Corporation. April 26, 2008. Washington Marriott, Washington, D.C.

**52. Rational use of molecular markers in the preoperative evaluation of thyroid malignancies. Multidisciplinary Conference: Advances in Management of Malignancies, Tenth International Conference, University of Pisa, Pisa, Italy, October 30, 2008.**

53. Is there a role for surgery in the management of type-2 diabetes. Medical Grand Rounds. St Francis Hospital, Hartford CT, March 19, 2009.

54. Plenary Lecture: Weight loss, bone loss and bariatric surgery. 8<sup>th</sup> International Symposium on Osteoporosis. National Osteoporosis Foundation, Marriott Wardman Plaza, April 3, 2009.

55. Workshop: Bariatric Surgery – Nutrition and Metabolic Issues. Annual Meeting of the American Association of Clinical Endocrinologists, Houston TX, May 14, 2009.

56. Proposal for subspecialty fellowship training in nutrition and health promotion (NHP). Summit for Increasing Physician Nutrition Experts, Orlando Florida, December 5, 2009.

57. Hypogonadism and critical illness. Society of Critical Care Medicine's 39<sup>th</sup> Critical Care Congress, Miami Beach, Florida, January 11, 2010.

58. Moderator: Critical Care Endocrinology: More Than Just A Sweetener. Society of Critical Care Medicine's 39<sup>th</sup> Critical Care Congress, Miami Beach, Florida, January 11, 2010.

59. Economic Analysis of a Diabetes-Specific Meal Replacement for Patients. Abbott Nutrition Night. ASPEN Annual Meeting, Las Vegas, February 9, 2010.

60. Diabetes Specific Tube Feeding Reduces Glycemic Variability and Insulin Requirements in People with Diabetes. Meet-the-Expert. ASPEN Annual Meeting, Las Vegas, February 9, 2010.

61. Hospital Protocols to Improve Diabetes Management. AACE Care Coordination Conference. New York Hyatt, New York, February 13, 2010.

**62. Hospital Protocols to Improve Diabetes Management. First International Advanced Diabetes Course: Abu Dhabi, UAE March 3, 2010; Dubai, UAE March 4, 2010; Ras al Khaimah, UAE March 5, 2010; Doha, Qatar March 6, 2010.**

63. How does Improved Nutrition and Increased Physical Activity Improve Adipose Tissue Function and Metabolic Disease. Adipose Tissue Pathophysiology: Scientific Conference. Renaissance M Street Hotel, Washington DC. March 20, 2010.

64. Synthesis of Clinical Practice Guidelines: Evidence versus Opinion. Controversies in the Management of Thyroid and Parathyroid Diseases. 19<sup>th</sup> Annual Course. The Ritz-Carlton, Westchester, White Plains, NY, March 25, 2010.

65. Pitfalls in Surgical Decision Making for Hyperparathyroidism. Controversies in the Management of Thyroid and Parathyroid Diseases. 19<sup>th</sup> Annual Course. The Ritz-Carlton, Westchester, White Plains, NY, March 27, 2010.

66. Low Carb-High Protein Diets for Obesity. AACE/ASN Meeting on Nutrition: Therapeutic Diets for Cardiometabolic Disorders: What is the Evidence. AACE 19<sup>th</sup> Annual Meeting and Clinical Congress, Boston, MA, April 21, 2010.

67. Commercially Available Diets to Lose Weight: Are They Worth the Money, Energy, and Sacrifice? AACE 19<sup>th</sup> Annual Meeting and Clinical Congress, Boston, MA, April 23, 2010.

68. Symposium Chair, Introduction and Moderation. Point-Counterpoint: Debating Gastrointestinal Metabolic & Bariatric Surgery in Endocrine Practice. AACE 19<sup>th</sup> Annual Meeting and Clinical Congress, Boston, MA, April 23, 2010.

**69. Transcultural Healthy Eating. 13<sup>th</sup> International Congress of the Egyptian Society of Endocrinology and Obesity (ESEO). Alexandria, Egypt, May 13, 2010.**

**70. Diabetes and Nutrition: From Molecules to Whole Foods. 13<sup>th</sup> International Congress of the Egyptian Society of Endocrinology and Obesity (ESEO). Alexandria, Egypt, May 14, 2010.**

**71. Transcultural Healthy Eating. Multidisciplinary Conference: Lifestyle and Ageing, University of Pisa. October 4, 2010.**

**72. Diabetes and Nutrition: From Molecules to Whole Foods. Multidisciplinary Conference: Lifestyle and Ageing, University of Pisa. October 4, 2010.**

73. Low carbohydrate-high protein diet patterns: their relation to diet quality and health outcomes. American College of Nutrition Annual Meeting, New York Academy of Medicine, New York, NY, October 8, 2010.

**74. Nutritional strategies for the outpatient with diabetes. The First International AACE- Gulf Conference on Obesity, Diabetes, and Other Endocrine Disorders. Sheraton, Doha, Qatar, January 14, 2011.**

**75. Nutritional strategies for the inpatient with diabetes. The First International AACE- Gulf Conference on Obesity, Diabetes, and Other Endocrine Disorders. Sheraton, Doha, Qatar, January 15, 2011.**

**76. Economic analysis of a diabetes-specific meal replacement for patients. Vancouver, Canada, January 30, 2011.**

**77. Impact of diabetes nutrition on GLP-1 secretion. Vancouver, Canada, January 30, 2011.**

**78. Importance of glycemic variability in diabetes management: role of medical nutritional therapy. Vancouver, Canada, January 30, 2011.**

**79. Nutritional management of critically ill diabetic subjects with renal dysfunction. Abbott Nutrition Night: From Hospital to Home: Meeting the Nutritional Needs of Complex ICU Patients. Fairmont Waterfront Hotel, Vancouver, Canada, January 31, 2011.**

**79. Control of glycemic variability in ICU patients with diabetes and stress-induced hyperglycemia. Vancouver, Canada, January 31, 2011.**

80. Pitfalls in Surgical Decision Making for Hyperparathyroidism. Controversies in the Management of Thyroid and Parathyroid Diseases. 20<sup>th</sup> Annual Course. The Ritz-Carlton, Westchester, White Plains, NY, March 26, 2011.

81. Definition of success and appropriate clinical measures to assess outcomes of surgical treatment. 2<sup>nd</sup> World Congress on Interventional Therapies for Type 2 Diabetes, New York City, NY, March 29, 2011.

82. A metabolic model of critical illness: theory, practice, and scientific investigation. Sharp Memorial Hospital, San Diego, April 13, 2011.

83. Bariatric surgery: indications and long-term management. 20<sup>th</sup> Annual AACE Meetings, San Diego, CA, April 16, 2011.

84. Nutritional Medicine and Wound Healing. Long Island Wound Healing Society. May 11, 2011.

**85. Transcultural Diabetes Nutrition Algorithm. Abbott Nutrition International affiliate training. Grand Hyatt, Taipei, Taiwan, July 7, 2011.**

**86. Transcultural Diabetes Nutrition Algorithm. Key Opinion Leader Summit. Abbott Nutrition International. Grand Hyatt, Taipei, Taiwan, July 8, 2011.**

**87. The role of nutrition and importance of glycemic variability in managing hyperglycemia. Lunch Symposium. 1<sup>st</sup> Asia Pacific Congress of Diabetes Educators and 15<sup>th</sup> Taiwanese Association of Diabetes Education, Taipei, Taiwan, July 9, 2011.**

**88. Nutritional therapy in type-2 diabetes: optimizing glycemic control and prevention of complications (DNA). 1<sup>st</sup> Asia Pacific Congress of Diabetes Educators and 15<sup>th</sup> Taiwanese Association of Diabetes Education, Taipei, Taiwan, July 10, 2011.**

**89. 21<sup>st</sup> century look at diabetes: optimizing metabolic control and preventing complications (Look AHEAD). Dinner Symposium. The Mira Hong Kong, Kowloon, Hong Kong, July 11, 2011.**

**90. 21<sup>st</sup> century look at diabetes: optimizing metabolic control and preventing complications (Look AHEAD). Abbott Nutrition International Training. AIA Tower, North Point, Hong Kong, July 12, 2011.**

**91. 21<sup>st</sup> century look at diabetes: optimizing metabolic control and preventing complications (Look AHEAD). Nursing and Dietitian Rounds. Ruttonjee Hospital, Hong Kong, July 12, 2011.**

**92. Glycemic variability: should we and can we prevent it? New insights into medical nutritional therapy. Division of Endocrinology, National University Hospital, Singapore, July 13, 2011.**

**93. A new diabetes nutrition algorithm for clinical practice. Dinner Symposium. Pan Pacific Hotel, Singapore, July 13, 2011.**

**94. Pharmacoeconomics of diabetes: evaluating the return on investment for medical nutritional therapy. XI Asian Congress of Nutrition, Suntec Convention Centre, Singapore, July 14, 2011.**

95. Nutrition and metabolic support in chronic critical illness. 49<sup>th</sup> Respiratory Care Journal Conference, The Chronically Critically Ill Patient. Vinoy Renaissance, St. Petersburg, Florida, September 11, 2011.

96. 1<sup>st</sup> International Summit on Nutrition Therapy for Metabolic Management: Program Overview, Goals and Objectives, Miami, Florida, September 24, 2011.

97. 1<sup>st</sup> International Summit on Nutrition Therapy for Metabolic Management: Program Overview, Goals and Objectives, Presentation of Diabetes Nutrition Algorithm, Miami, Florida, September 24, 2011.

98. 1<sup>st</sup> International Summit on Nutrition Therapy for Metabolic Management: Program Overview, Goals and Objectives, Presentation of Scientific Slide Deck, Miami, Florida, September 24, 2011.

**99. Bone hyperresorption in critical illness: from integrative physiology to clinical trials. Department of Experimental Medicine, University of Rome, Sapienza, Rome, Italy, October 4, 2011.**

**100. Critical illness and metabolic bone disease. Bologna Bone Conference 2011: Bone and Biomaterials. Istituto Ortopedico Rizzoli di Bologna, Bologna, Italy, October 6, 2011.**

**101. La guida completa alla nutrizione in tutte le eta e tutte le malattie (The Complete Guide to Lifelong Nutrition), Antica Fattoria La Parrina, Albinia, Italy, October 7, 2011.**

102. Nutritional medicine for the endocrinologist. AACE NJ Chapter 4<sup>th</sup> Annual Meeting, Morristown, NJ, November 6, 2011.

103. Management of the patient after bariatric surgery. 5<sup>th</sup> Joint SPED AACE International Endocrine Meeting, Puerto Rico, November 12, 2011.

104. Combined parenteral and enteral nutrition – does it impact outcome? ASPEN Annual Meeting, Orlando, FL, January 24 2012.

**105. Program Chair: Overview and Objectives. 2<sup>nd</sup> International Summit on Prediabetes and Diabetes Adjunctive Therapy for Metabolic Control, Kuala Lumpur, Malaysia, March 31-April 1, 2012.**

**106. The transcultural diabetes nutrition algorithm (t-DNA). 2<sup>nd</sup> International Summit on Prediabetes and Diabetes Adjunctive Therapy for Metabolic Control, Kuala Lumpur, Malaysia, March 31-April 1, 2012.**

**107. Introduction to the in-office toolkit. 2<sup>nd</sup> International Summit on Prediabetes and Diabetes Adjunctive Therapy for Metabolic Control, Kuala Lumpur, Malaysia, March 31-April 1, 2012.**

**108. Utilizing the toolkit in diabetes management. 2<sup>nd</sup> International Summit on Prediabetes and Diabetes Adjunctive Therapy for Metabolic Control, Kuala Lumpur, Malaysia, March 31-April 1, 2012.**

**109. Recap and closing remarks. 2<sup>nd</sup> International Summit on Prediabetes and Diabetes Adjunctive Therapy for Metabolic Control, Kuala Lumpur, Malaysia, March 31-April 1, 2012.**

**110. Transcultural Diabetes Nutrition Algorithm. Dinner Symposium. Marco Polo Hotel, Hong Kong, April 2, 2012.**

**111. Transcultural Diabetes Nutrition Algorithm. Noon Conference - Endocrinology. United Christian Hospital, Hong Kong, April 2, 2012.**

**112. Transcultural Diabetes Nutrition Algorithm. Lunch Symposium - Medicine. Taipo, Hong Kong, April 3, 2012.**

113. Enteral nutrition formulation and diabetes. Nutrition Symposium – co-chair. AACE 21<sup>st</sup> Annual Meeting and Clinical Congress, San Diego, CA, May 23, 2012.

114. Healthy eating. Nutrition Symposium – co-chair. AACE 21<sup>st</sup> Annual Meeting and Clinical Congress, San Diego, CA, May 23, 2012.

115. Physician nutrition expert shortage – role of AACE. Nutrition Symposium – co-chair. AACE 21<sup>st</sup> Annual Meeting and Clinical Congress, San Diego, CA, May 23, 2012.

116. Obesity case studies – panel discussion (presenter and moderator). Obesity Symposium – co-chair. AACE 21<sup>st</sup> Annual Meeting and Clinical Congress, San Diego, CA, May 23, 2012.

**117. Transcultural diabetes nutrition algorithm. Shanghai City Symposium, Shanghai, China, August 26, 2012.**

**118. Nutrition and obesity. Endocrinology Grand Rounds, Ruijin Hospital, Shanghai, China, August 27, 2012.**

**119. Transcultural diabetes nutrition algorithm advisory board meeting. Guangzhou, China, August 28, 2012.**

**120. Metabolic support in the ICU. AACE symposium. Guangzhou, China, August 29, 2012.**

**121. Transcultural diabetes nutrition algorithm. Press and Media Event, Guangzhou, China, August 29, 2012.**

**122. Clinical practice guidelines development. AACE-CSE Joint Conference. Guangzhou, China, August 30, 2012.**

**123. Transcultural diabetes nutrition algorithm advisory board. Grand Hyatt, Singapore, August 31, 2012.**

**124. Diabetes and nutrition. Diabetes symposium, Grand Hyatt, Singapore, September 1, 2012.**

125. Perioperative nutrition and metabolic management in bariatric surgery – 2012 update. 10<sup>th</sup> annual World Congress on Insulin Resistance, Diabetes and Cardiovascular Disease. Hilton Universal City, Los Angeles, Ca, November 2, 2012.

126. Transcultural Nutritional Medicine in Diabetes. American College of Nutrition, Morristown Medical Center, Morristown, NJ, November 15, 2012.

**127. Transculturalization of the diabetes nutrition algorithm and publication update. Kaoshiung Veterans General Hospital. Kaoshiung, Taiwan, April 15, 2013.**

**128. Transculturalization of the diabetes nutrition algorithm and publication update. Millenium Vee Hotel Taichung. Taichung, Taiwan, April 15, 2013.**

**129. Transculturalization of the diabetes nutrition algorithm and publication update. Chang-Gung Memorial Hospital (Linkou), Taipei, Taiwan, April 16, 2013.**

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**130. Transculturalization of the diabetes nutrition algorithm and publication update. Regent Hotel, Taipei, Taiwan, April 16, 2013.**

**131. Transculturalization of the diabetes nutrition algorithm and publication update. Melia Hanoi, Hanoi, Vietnam, April 17, 2013.**

**132. Transculturalization of the diabetes nutrition algorithm and publication update. Asiana Saigon InterContinental Hotel, Ho Chi Min City, Vietnam, April 18, 2013.**

**133. Third Asia Summit on the Transcultural Diabetes Nutrition Algorithm. Sheraton Saigon Hotel and Towers, Ho Chi Min City, Vietnam, April 18-21, 2013.**

134. Panel Discussion: AACE comprehensive algorithm for the management of diabetes, May 4. AACE 22<sup>nd</sup> Annual Scientific & Clinical Congress April 29-May 5, 2013, Phoenix, Arizona.

**135. History of the transcultural diabetes nutrition algorithm, May 23. International summit on the role of transcultural nutrition therapy in the management of diabetes and prediabetes, May 23-24, Dubai, UAE.**

**136. Validation of the transcultural diabetes nutrition algorithm, May 24. International summit on the role of transcultural nutrition therapy in the management of diabetes and prediabetes, May 23-24, Dubai, UAE.**

137. Nutraceuticals: sorting fact from fantasy. Endocrine Society 95<sup>th</sup> Annual Meeting and Expo, San Francisco, June 15, 2013

138. New strategies for obesity management: risk stratification and long-term weight control. AACE Georgia Chapter Dinner Program, September 20, 2013.

139. Perioperative nutritional and metabolic management of the bariatric surgery patient: 2013 AACE-TOS-ASMBS guidelines overview. AACE Mid-Atlantic Chapter 11<sup>th</sup> Annual Meeting, September 28, 2013.

**140. Perioperative nutritional and metabolic management of the bariatric surgery patient: 2013 AACE-TOS-ASMBS guidelines overview, October 3. The First Clinical Congress and Gulf Chapter Annual Meeting. October 3-5, 2013, Abu Dhabi, UAE.**

**141. The controversial role of sweeteners in diabetes, October 3. The First Clinical Congress and Gulf Chapter Annual Meeting. October 3-5, 2013, Abu Dhabi, UAE.**

142. Perioperative nutritional and metabolic management of the bariatric surgery patient: 2013 AACE-TOS-ASMBS guidelines overview, October 6. California-AACE 13<sup>th</sup> Annual Meeting and Symposium, Los Angeles, CA, October 5-6, 2013.

143. Epidemiology of Obesity. AACE Half Day Program, Philadelphia, PA, October 12, 2013.

144. Lifestyle Intervention. AACE Half Day Program, Philadelphia, PA, October 12, 2013.

**145. Perioperative nutritional and metabolic management of the bariatric surgery patient: 2013 AACE-TOS-ASMBS guidelines overview. Bari, Italy 12<sup>th</sup> Congresso Nazionale AME 7-10 November 2013, 9 November, 2013.**

146. The molecular basis of obesity. Half-day AACE symposium November 12, Obesity Week November 11-15, 2013, Atlanta GA.

147. Introduction and Empirical Rating System. The AACE-TOS-ASMBS Guidelines, November 13, Obesity Week November 11-15, 2013, Atlanta, GA.

148. Lifestyle management of obesity. 90-minute AACE Program November 14, Obesity Week November 11-15, 2013, Atlanta GA.

149. Intensive metabolic support: research, practice, and uncertainty. Medical Grand Rounds, University of Vermont, November 15, 2013.

150. Intensive metabolic support: drilling into uncertainty. Pulmonary/Critical Care Rounds, University of Vermont, November 15, 2013.

151. Welcome Remarks and Overview (Moderator). New Strategies in Obesity Management, New Brunswick NJ, December 7, 2013.

152. AACE obesity and bariatric surgery strategies in 2013. SPED-AACE, Ritz-Carlton, San Juan, Puerto Rico, December 15, 2013.

153. Keynote Presentation: New AACE Guidelines for Treating Diabetes: Implications for Surgery, February 28, 2013. MISS – Las Vegas, February 27 – March 1, 2014.

**154. Sweeteners. Controversies to Consensus in Diabetes, Obesity and Hypertension (CODHY), March 14, Panama City, March 13-15, 2014.**

**155. AACE Guidelines. Controversies to Consensus in Diabetes, Obesity and Hypertension (CODHY), March 14, Panama City, March 13-15, 2014.**

156. Perioperative Nutrition and Metabolic Management of the Bariatric Surgery Patient, Endocrinology Grand Rounds, NYU Medical Center, New York, NY, March 21, 2014.

157. Welcome and Introductions, Co-Chair and Moderator. AACE Consensus Conference on Obesity, Washington DC, JW Marriott, March 23-24, 2014.

158. Nutritional support in the hospitalized patient, March 27, 2014. Society of Hospital Medicine Annual Meetings, Las Vegas.

155. Hospital Endocrinology, AACE Leadership Symposium, May 14, 2014. 23<sup>rd</sup> AACE Annual Scientific & Clinical Congress, May 14-18, 2014.

156. Insights into CNS Appetite Regulation, Obesity Management – Applying Clinical Trials, May 16, 2014. 23<sup>rd</sup> AACE Annual Scientific & Clinical Congress, May 14-18, 2014.

157. Affirmed and emergent concepts. AACE Consensus Conference on Obesity. May 16, 2014. 23<sup>rd</sup> AACE Annual Scientific & Clinical Congress, May 14-18, 2014.

158. Bariatric Surgery, Integrative Concepts in Endocrinology and Endocrine Surgery, May 17, 2014. 23<sup>rd</sup> AACE Annual Scientific & Clinical Congress, May 14-18, 2014.

159. Welcome and AACE Presentation, President's Plenary (Speaker and Moderator). May 15, 2014. 23<sup>rd</sup> AACE Annual Scientific & Clinical Congress, May 14-18, 2014.

160. Solidifying Agenda: Cardiometabolic Think Tank Co-Chair presentation. June 20, 2014. Heart House, Washington, DC

161. The 2013 AACE/ACE/TOS Healthy Eating Clinical Practice Guidelines: Key Points. International Conference on Diabetes, Grand Hyatt, Washington DC, July 19, 2014.



**162. Perioperative nutritional and metabolic support of the bariatric surgery patient. XIV Peruvian Congress of Endocrinology – ENDOPERU 2014, The Peruvian Medical Association Convention Center, August 7, 2014.**

**163. Transcultural Diabetes Nutrition Algorithm – Rationale and Perspectives in Latin America. XIV Peruvian Congress of Endocrinology – ENDOPERU 2014, The Peruvian Medical Association Convention Center, August 8, 2014.**

**164. Nutritional strategies in diabetes and prediabetes – 2014 update. XIV Peruvian Congress of Endocrinology – ENDOPERU 2014, The Peruvian Medical Association Convention Center, August 8, 2014.**

**165. Nutrition and diabetes: the Asian Indian version. Hotel Hyatt Regency, Mumbai, India, August 16, 2014.**

**166. The AACE care model of obesity. Hotel Hyatt Regency, Mumbai, India, August 16, 2014.**

**167. Nutrition and diabetes: the Asian Indian version. Hotel Taj Vivanta Bangalore, India, August 17, 2014.**

**168. The AACE care model of obesity. Hotel Taj Vivanta Bangalore, India, August 17, 2014.**

**169. Nutrition and diabetes: the Asian Indian version. The Leela Palace, MRC Nagar, Chennai, India, August 23, 2014.**

**170. The AACE care model of obesity. The Leela Palace, MRC Nagar, Chennai, India, August 23, 2014.**

**171. Nutrition and diabetes: the Asian Indian version. Hotel The Grand, Vasant Kunj, Delhi, India, August 24, 2014.**

**172. The AACE care model of obesity. Hotel The Grand, Vasant Kunj, Delhi, India, August 24, 2014.**

**173. Evolving energy targets in a changing patient. September 9, 2014, Geneva Convention Center. 36<sup>th</sup> ESPEN Congress on Clinical Nutrition and Metabolism.**

174. Treatment: lifestyle intervention. New Strategies in Obesity Management: Risk Stratification and Long-term Weight Control, New York Hilton Midtown, October 11, 2014.

175. Nutrition essentials. 9th Annual Mid-Atlantic Hospital Medicine Symposium: Mastering the Care of the Hospitalized Patient, Icahn School of Medicine at Mount Sinai, October 24, 2014.

176. Overview of the AACE obesity guidelines. Obesity Week 2014, Boston Convention & Exhibition Center, Boston MA, October 5, 2014.

177. Indications for Metabolic and Bariatric Surgery. Obesity Week 2014, Boston Convention & Exhibition Center, Boston MA, October 6, 2014.

178. Moderator Comments: Postoperative recommendations symposia. Obesity Week 2014, Boston Convention & Exhibition Center, Boston MA, October 6, 2014.

179. The AACE Obesity Care Model and a New Diagnosis of Obesity. Obesity Week 2014, Boston Convention & Exhibition Center, Boston MA, October 6, 2014.

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180. The complications centric approach to obesity management and a new diagnosis that reflects what we are treating and why we are treating it. Obesity Week 2014, Boston Convention & Exhibition Center, Boston MA, October 7, 2014.

**177. El Algoritmo Transcultural de Nutrición en la Diabetes. LIV Congreso Internacional de la SMNE  
Curso Pre Congreso SMNE en conjunto con la AACE. Holiday Inn, Meridia Yucatan Mexico, December 2, 2014.**

178. Optimizing collaborative management of differentiated thyroid cancer. Surgery of the Thyroid and Parathyroid Glands, Harvard Medical School, Boston Marriott Long Wharf Hotel, December 6, 2014.

**179. Bariatric surgery and obesity. Pan-American AACE Conference, Intercontinental Hotel, San Jose, Costa Rica, February 26, 2015.**

**180. Transcultural Endocrinology. Pan-American AACE Conference, Intercontinental Hotel, San Jose, Costa Rica, February 28, 2015.**

181. Intensive metabolic support: controversies, uncertainties, and solutions. Endocrine Grand Rounds, Mount Sinai – Beth Israel, New York, NY, April 13, 2015.

182. Management of obesity in private practice. Obesity Course, Institute of Human Nutrition, Columbia University. April 25, 2015.

183. Overview: the PAACE transcultural workshop. 24<sup>th</sup> AACE Annual Scientific & Clinical Congress, May 14-18, 2015.

184. Dietary supplements, endocrine disruptors, and molecular nutrition – the edible fabric of health and disease. Medical Grand Rounds, Staten Island University Hospital. Staten island, NY, June 12, 2015.

185. Application of Bariatric Surgery in Obese People with Diabetes. Drug Discovery & Therapy World Congress 2015, July 22-25, John B. Hynes Veterans Memorial Convention Center, Boston, USA.

**186. Healthy eating guide in the prevention and care of endocrine metabolic disease. August 7, 2015. AACE Philippines Annual Convention, Radisson hotel Cebu Philippines.**

**187. Peri-bariatric surgery endocrine and nutrition management. August 7, 2015. AACE Philippines Annual Convention, Radisson hotel Cebu Philippines.**

**188. Post-operative care in diabetes surgery. September 30, 2015. 3<sup>rd</sup> World Congress of Interventional Therapies for Type 2 Diabetes, 2<sup>nd</sup> Diabetes Surgery Summit DSS-II, Park Plaza Wwestminster Bridge Hotel, London, UK.**

189. Molecular Nutrition: The edible fabric of health and disease. October 3, 2015. Overcoming Obesity, American Society of Bariatric Physicians Annual Meeting, Omni Shorham Hotel, Washington, DC.

190. Integrative Nutritional Strategies for Patients with Obesity and Type-2 Diabetes. Maimonides Medical Center, Brooklyn, NY. November 4, 2015.

**191. Molecular Nutrition. Esicon 2015: 45<sup>th</sup> Annual Conference of Endocrine Society of India. December 29<sup>th</sup>, 2015, YMCA International Centre, Ahmedabad, India.**

192. Intensive metabolic support – controversies, uncertainties, and solutions. Memorial Sloan-Kettering Cancer Center, Division of Endocrinology, Grand Rounds, February 17<sup>th</sup>, 2016.

**193. Molecular Nutrition. Eternal Hospital, Jaipur, India, March 25, 2016.**

**194. Intensive metabolic support – controversies, uncertainties, and solutions. Eternal Hospital, Jaipur, India, March 26, 2016.**

**195. Molecular Nutrition. Diabetes symposium, Holiday Inn, Jaipur, India, March 26, 2016.**

**196. Diabetes and inpatient care. Park Center Hotel, Jodhpur, India, March 27, 2016.**

197. Workshop on Perioperative Management with Bariatric Surgery. Obesity Symposium 2016. Endocrine Society 98<sup>th</sup> Annual Meeting & Expo: ENDO 2016. Boston, MA, March 31, 2016.

198. Nutritional Strategies to Reduce Cardiovascular Risk. 25<sup>th</sup> AACE Annual Scientific & Clinical Congress, May 25, 2016, Orlando, Fla.

199. Obesity Guidelines: Individualizing Pharmacotherapy. 25<sup>th</sup> AACE Annual Scientific & Clinical Congress, May 27, 2016; Orlando, Fla.

**200. Molecular Nutrition: The Edible Fabric of Health and Disease. The Yogesh C. Patel Lecture. McGill University, Department of Endocrinology, Montreal, CA, June 2, 2016.**

**201. Metabolic Syndrome and Diabetes: Guidelines for Low-to-Middle Income Countries. World Heart Federation, Mexico City, Mexico, June 6, 2016.**

202. Advances in the Management of Metabolic Syndrome and Type-2 Diabetes. American Association of Physicians of Indian Origin. New York Marriott Marquis, New York, NY, July 1, 2016.

203. Molecular Nutrition: The Edible Fabric of Health and Disease. Medicine Grand Rounds, North Shore University Hospital, August 11, 2016.

**204. Reducing cardiometabolic risk in type-2 diabetes using lifestyle medicine. Eternal Heart Conclave – 2106. Hotel Marriott Jaipur, Jaipur, India, September 25, 2016.**

VOLUNTARY PRESENTATIONS – n/a

MEDIA RESOURCE EDUCATIONAL MATERIALS – n/a