

CURRICULUM VITAE

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

MAILING ADDRESS 1192 Park Avenue
New York, New York 10128

CITIZENSHIP USA

ACADEMIC APPOINTMENTS

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

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

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

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

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

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

HOSPITAL APPOINTMENTS

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

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

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

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

EDUCATION

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
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

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

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
Mount Sinai School of Medicine
1985

Research Award

Mount Sinai School of Medicine
1984

Research Award
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

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
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

GRANT SUPPORT

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. Funded by GalaGen Inc. \$14,445.00 (direct costs \$10,700.00). Principle investigators: David M. Nierman, MD and Jeffrey I. Mechanick, MD. Mount Sinai School of Medicine IRB approved #99-281(0001)01ME*. 5/99-5/00.

Jeffrey I. Mechanick, M.D., F.A.C.P., F.A.C.E., F.A.C.N.
Curriculum Vitae
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MISCELLANEOUS

Editorial Board
Journal of Thyroid Research

Panelist
1st World Congress on Interventional Therapies for Type
2 Diabetes. September 15-16, 2008
NY Marriott Marquis, NYC

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

Course Director
Thyroid and Parathyroid Diseases
Multidisciplinary Management of Head and Neck Cancer and
Thyroid and Parathyroid Diseases
Beth Israel Medical Center
2002, 2005-2008

Advisory Panel
Touch Briefings
2005 - present

Advisory Board
Thyroid Head and Neck Cancer Foundation
2005 - present

Medical Advisor
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

Jeffrey I. Mechanick, M.D., F.A.C.P., F.A.C.E., F.A.C.N.
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Student Health
Mount Sinai School of Medicine
1991-1996

NATIONAL COMMITTEES

Co-Chairman
Summit to Address Physician Shortage in Nutrition
Orlando, Florida
December 4-6, 2009

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

Steering Committee
Obesity Certification Examination
2009-2010

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

Chairman
Publications Committee
AAACE
2005-2007, 2009

Program Committee
AAACE
2008-2009

Vice-Chairman
Publications Committee
AAACE
2008-2009

Chair
Guidelines Subcommittee
AAACE
2008-present

Chair
Task Force to Evaluate Future of ASAP
AAACE
2007

Past President
American Board of Physician Nutrition Specialists
2006

Chair
Task Force to Evaluate Endotext
AAACE
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

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

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

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

Power of Prevention Committee
AACE
2004-present

Ad Hoc Committee on Guidelines for Guidelines
Publications Committee
AACE
2004

Female Athlete Triad Coalition
2003-2005

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

Endocrine Health Task Force
AAACE
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 - present

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

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.
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 stidronate. *J Bone Min Res* 4:143-148.
13. Kassan S, **Mechanick JI**, Gurpide 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. *CABIOS* 6:189-194.

Jeffrey I. Mechanick, M.D., F.A.C.P., F.A.C.E., F.A.C.N.
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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.
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 Tl-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.
43. Raikhelkar J, Anyanwu A, Gist RS, Somal J, **Mechanick JI**, Scher C, Scurlock C. Pheochromocytoma presenting as severe biventricular failure requiring insertion of a biventricular assist device. *J Cardiothorac Vasc Anesth* 2009 Aug 21. [Epub ahead of print].
44. Murphy SJ, Wang L, Anderson LA, Steinlauf A, Present DH, **Mechanick JI**. Withdrawal of corticosteroids in inflammatory bowel disease patients after dependency periods ranging from 2 to 45 years: A proposed method. *Aliment Pharmacol Ther* 2009 (in press).
45. Carpi A, Rossi G, Di Coscio G, Iervasi G, Nicolini A, **Mechanick JI**, Bartolazzi A. Galectin-3 detection on large needle aspiration biopsy improves preoperative selection of thyroid nodules: a prospective cohort study. *Ann Med* (Epub ahead of print; PMID 20001505).
46. Puccini M, Carpi A, Cupisti A, Caprioli G, Iacconi P, Barsotti M, Buccianti P, **Mechanick J**, Nicolini A, Miccoli P. Total parathyroidectomy without autotransplantation for the treatment of secondary hyperparathyroidism associated with chronic kidney disease: clinical and laboratory long-term follow-up. *Biomed Pharmacother* 2009 [In Press].

INVITED CONTRIBUTIONS

1. Futterweit W, **Mechanick JI** 1988 Polycystic ovarian disease: etiology, diagnosis, and treatment. *Comp Ther* 14:12-20.
2. **Mechanick JI**, Dunaif A 1990 Endocrine Rounds: Hirsutism. *Trends in Endocrinol Metab* March/April:185-188.
3. **Mechanick JI**. 1993 Hypermetabolism in cancer cachexia. *Res Staff Phys* 39:87-100.
4. **Mechanick JI**. 1993 TPN formulation in inflammatory bowel disease. Lewis B (ed) *Clinical Advances in Gastroenterology*. Vol 4 No 4 March/April, Educational Reviews, Inc. (audiocassette).
5. **Mechanick JI** 1996 Parenteral nutrition formulation: an integral part of the endocrinologist's metabolic support consultation service. *Endocr Pract* 2:197-203.
6. **Mechanick JI**, Kim CK, Krynycky BR, Machac J, Urken ML 2000 Multiple papillary thyroid carcinoma metastases revealed on positron emission tomography scan in a patient with negative 131-I scan. *Thyroid* 10:929-930.
7. **Mechanick JI**, Chausmer AB, Kelman AS, Spitz AF, Wallach S 2001 Nutritional Guidelines for the general population. Section 6 Nutrition. *AACE Self-Assessment Profile in Endocrinology and Metabolism, Syllabus*, pp. 249-255.
8. **Mechanick JI**, Chausmer AB, Kelman AS, Spitz AF, Wallach S 2001 Nutritional therapy for patients with diabetes mellitus, cardiovascular disease, or both. Section 6 Nutrition. *AACE Self-Assessment Profile in Endocrinology and Metabolism, Syllabus*, pp. 255-263.
9. **Mechanick JI**, Chausmer AB, Kelman AS, Spitz AF, Wallach S 2001 Obesity. Section 6 Nutrition. *AACE Self-Assessment Profile in Endocrinology and Metabolism, Syllabus*, pp. 264-271.
10. **Mechanick JI**, Chausmer AB, Kelman AS, Spitz AF, Wallach S 2001 Nutraceuticals. Section 6 Nutrition. *AACE Self-Assessment Profile in Endocrinology and Metabolism, Syllabus*, pp. 271-280.
11. **Mechanick JI**, Chausmer AB, Kelman AS, Spitz AF, Wallach S 2001 Nutrition and metabolic support. Section 6 Nutrition. *AACE Self-Assessment Profile in Endocrinology and Metabolism, Syllabus*, pp. 280-295.
12. **Mechanick JI**, Brett EM 2002 Nutrition support in the chronically critically ill patient. *Crit Care Clin NA* 18:57-618.
13. **Mechanick JI**, Brett EM 2002 Endocrine disorders in the chronically critically ill patient. *Crit Care Clin NA* 18:619-641.
14. **Mechanick JI**, Brett EM, Chausmer AB, Dickey RA, Wallach S and The AACE Nutrition Guidelines Task Force 2003 American Association of Clinical Endocrinologists medical guidelines for the clinical use of dietary supplements and nutraceuticals. *Endocrine Pract* 9: 417-470.
15. **Mechanick JI**. 2004 Practical aspects of nutritional support for wound-healing patients. *Am J Surg* 188 (suppl to July 2004): 52S-56S.
16. **Mechanick JI**, Bergman DA, Braithwaite SS, Palumbo PJ (The AACE Ad Hoc Task Force for Standardized Production of Clinical Practice Guidelines). American Association of Clinical Endocrinologists Protocol for Standardized Production of Clinical Practice Guidelines. *Endocrine Pract* 2004; 10: 353-361.
17. **Mechanick JI**, Brett EM. Nutrition and the chronically critically ill patient. *Curr Opin Clin Nutr Metab Care*. 2005;8:33-9.
18. **Mechanick JI**. The rational use of dietary supplements and nutraceuticals in clinical medicine. *Mount Sinai J Med* 2005; 72: 161-165.

19. **Mechanick JI**, Brett E, Chausmer AB, Kelman AS, Spitz AF, Wallach S 2005 Nutritional Guidelines for the general population. Section 6 Nutrition. AACE Self-Assessment Profile in Endocrinology and Metabolism, Syllabus, pp. 259-266.
20. **Mechanick JI**, Brett E, Chausmer AB, Kelman AS, Spitz AF, Wallach S 2005 Nutritional therapy for patients with diabetes mellitus, dyslipidemia, insulin resistance (dysmetabolic) syndrome and/or cardiovascular disease. Section 6 Nutrition. AACE Self-Assessment Profile in Endocrinology and Metabolism, Syllabus, pp. 267-282.
21. **Mechanick JI**, Brett E, Chausmer AB, Kelman AS, Spitz AF, Wallach S 2005 Obesity. Section 6 Nutrition. AACE Self-Assessment Profile in Endocrinology and Metabolism, Syllabus, pp. 282-292.
22. **Mechanick JI**, Brett E, Chausmer AB, Kelman AS, Spitz AF, Wallach S 2005 Nutraceuticals. Section 6 Nutrition. AACE Self-Assessment Profile in Endocrinology and Metabolism, Syllabus, pp. 293-303.
23. **Mechanick JI**, Brett E, Chausmer AB, Kelman AS, Spitz AF, Wallach S 2005 Nutrition and metabolic support. Section 6 Nutrition. AACE Self-Assessment Profile in Endocrinology and Metabolism, Syllabus, pp. 304-320.
24. **Mechanick JI**. An evidence-based approach to the clinical use of dietary supplements and nutraceuticals. Business Briefing: US Endocrine Rev 2005; September, p. 14.
25. **Mechanick JI**, Nierman DM 2006 Gonadal steroids in critical illness. Critical Care Clinics 22: 87-103.
26. Chiolero R, **Mechanick JI**. Nutrition support in critically ill patients: switching to evidence based. Curr Opin Clin Nutr Metab Care 2006; 9: 117-119.
27. **Mechanick JI**. Metabolic mechanisms of stress hyperglycemia. J Parent Enteral Nutr 2006; 30: 157-163.
28. **Mechanick JI**, Carpi A. Progress in the preoperative diagnosis of thyroid nodules: managing uncertainties and the ultimate role for molecular investigation. Biomed Pharmacother 2006 (Epub doi 10.1016/j.biopha.2006.07.006)
29. Carpi A, **Mechanick JI**, Nicolini A, Rubello D, Iervasi G, Bonazzi V, Giardino R. Thyroid nodule evaluation: what have we really learned from recent clinical guidelines? Biomed Pharmacother 2006 (Epub doi 10.1016/j.biopha.2006.07.005).
30. Tamler R, **Mechanick JI**. Dietary supplements and nutraceuticals in the management of endocrine disorders. Curr Opin Endocrinol Diab 2006; 13: 425-430.
31. Tamler R, **Mechanick JI**. Dietary supplements and andrological disorders. Endo Metab Clin NA 2007; 36: 533-552.
32. Hollander J, **Mechanick JI**. Nutrition and the chronic critical illness syndrome. Nutr Clin Pract 2006; 21: 587-604.
33. **Mechanick JI**, Handelsman Y, Bloomgarden ZT. Hypoglycemia in the intensive care unit. Curr Opin Clin Nutr Metab Care. 2007; 10:193-196.
34. Chiolero RL, **Mechanick JI**. Nutrition support and metabolic control: from evidence-based to systems biology. Curr Op Clin Nutr Metab Care 2007; 10: 175-177.
35. Bloomgarden Z, **Mechanick JI**. Acute glycemic control in hospitalized patients: evidence published since the American College of Endocrinology Position Statement. Insulin 2007; 2: 12-23.
36. **Mechanick JI**. Book Notes. Clinical Nutrition in Gastrointestinal Disease. Ann Intern Med 2007; 147: 828.

Jeffrey I. Mechanick, M.D., F.A.C.P., F.A.C.E., F.A.C.N.
Curriculum Vitae
Revised January 2010

37. Abe E, Sun L, **Mechanick J**, Iqbal J, Yamoah K, Baliram R, Arabi A, Moonga BS, Davies TF, Zaidi M. Bone loss in thyroid disease: role of low TSH and high thyroid hormone. *Ann NY Acad Sci* 2007; 1116:383-391.
38. Hollander JM, **Mechanick JI**. Complementary and alternative medicine and the management of the metabolic syndrome. *J Am Diet Assoc* 2008; 108: 495-509.
39. Scurlock C, **Mechanick JI**. Early nutrition support in the intensive care unit: a US perspective. *Curr Opin Clin Nutr Metab Care* 2008; 11: 152-155.
40. **Mechanick JI**, Kushner RF, Sugerman HJ, Gonzalez-Campoy ML, Guven S, Spitz AF, Apovian CM, Livingston EH, Brolin R, Sarwer DB, Anderson WA, Dixon J. American Association of Clinical Endocrinologists; Obesity Society; American Society for Metabolic & Bariatric Surgery. Executive summary of the recommendations of the American Association of Clinical Endocrinologists, Obesity Society, and American Society for Metabolic & Bariatric Surgery medical guidelines for clinical practice for the perioperative nutritional, metabolic, and nonsurgical support of the bariatric surgery patient. *Endocr Pract* 2008; 14: 318-336. Full paper at <http://www.aace.com/pub/pdf/guidelines/Bariatric.pdf> or *Endocr Pract*. 2008 Jul-Aug;14 Suppl 1:1-83. Copublished in *Surg Obes Relat Dis* 2008; 4 (5 suppl):S109-184.
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2. **Mechanick JI**, Brett EM (eds) [In press] *Power of Prevention: The Complete Guide to Lifelong Nutrition*. Amazon.com – Booksurge Publishing.

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10. **Mechanick JI** 1994 Familial non-MEN C-cell hyperplasia presenting with secretory diarrhea. The Endocrine Society, 76th annual meetings, Anaheim, Poster #74A.

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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.

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EXTRAMURAL INVITED LECTURES.

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.
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. Diabesity Symposium. Cleveland Clinic, December 2nd, 2005, Cleveland, OH.
34. Obesity Update 2005. 2nd SPED Meeting, Caribe Hilton Hotel, December 9th, 2005, San Juan, PR.

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35. Chronic critical illness. Topics in nutrition: challenges and issues. Clarian Health Partners – Methodist Hospital, February 24th, 2006, Indianapolis IN.
36. Pediatric thyroid cancer. 16th Annual Multidisciplinary Management of Thyroid and Parathyroid Diseases. Beth Israel Medical Center, New York, March 18, 2006.
37. Ultrasound Course Preceptor. 16th 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. 16th 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 12th, 2006.
42. Progress in the preoperative diagnosis of thyroid nodules. Diagnosi e trattamento dei tumori attualità e progressi. Comune di Monte Argentario (Italy), October 14th, 2006.
43. Chronic Critical Illness Syndrome. Clinical Nutrition Grand Rounds. Memorial Sloan-Kettering Hospital. New York, NY, October 25, 2006.
44. Pediatric Thyroid Cancer. 17th Annual Multidisciplinary Management of Thyroid and Parathyroid Diseases. Beth Israel Medical Center, New York, March 17, 2007.
45. Ultrasound Course Preceptor. 17th 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. 17th 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.

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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. 8th 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.