

# Curriculum Vitae

**Name : Yoonseok Heo**

## **Education**

1989 : M.D., Seoul National University, Seoul, Korea

1996 : Master Degree, Surgery, Seoul National University, Seoul, Korea

2004 : Ph.D., Surgery, ChungBuk National University, ChungJu, Korea

## **Postgraduate Training**

Mar. 1989 – Feb. 1990 : Internship

Seoul National University Hospital, Seoul, Korea

Mar. 1990-Feb. 1994 : Residency, Surgery

Seoul National University Hospital, Seoul, Korea

Jan. 2006 – Jan. 2007 : visiting professor

Mass. General Hospital, Harvard Medical School  
Boston, USA

## **Positions Held & Faculty Appointment**

Mar. 1994-Feb. 1996

Faculty, Department of Surgery,  
National Medical Center, Seoul, Korea

Mar. 1996-present

Professor, Department of Surgery  
Inha University College of Medicine, Incheon, Korea

## **Professional society involved**

Chief Editor of Korean surgical infection society

Director of Multidisciplinary committee of Korean gastric cancer society

Director of Research committee of Korean gastric cancer society

President of Korean Society for Metabolic and Bariatric Surgery

President of Organizing committee of Korean gastrointestinal surgery

Member of International Federation for surgical treatment of Obesity

Member of American Society for Metabolic and Bariatric Surgery

Chief author of Textbook of Metabolic and Bariatric Surgery

Author of Textbook of Diabetes, chapter 70

Author of Atlas of general surgery, section 3, chapter 2

## **List of Papers on Metabolic and Bariatric Surgery (other subjects : 75 papers)**

1. Bariatric/Metabolic Surgery in the Asia-Pacific Region: APMBSS 2018 Survey. Ohta M, Seki Y, Wong SK, Wang C, Huang CK, Aly A, Bajjal M, Al-Sabah S, Udomsawaengsup S, Heo YS, Althuwaini SS, Celik A, El-Hadidi N, Sargsyan D, Gee T, Rao J, Wiradisuria ER, Oliveros E, Kitano S, Kasama K. *Obes Surg.* 2019 Feb;29(2):534-541.
2. Cost-effectiveness of Bariatric Surgery for People with Morbid Obesity in South Korea. An S, Park HY, Oh SH, Heo Y, Park S, Jeon SM, Kwon JW. *Obes Surg.* 2019 Aug 8. doi: 10.1007/s11695-019-04122-w.
3. Multicenter results of long-limb bypass reconstruction after gastrectomy in patients with gastric cancer and type II diabetes. Kim JH, Huh YJ, Park S, Park YS, Park DJ, Kwon JW, Lee JH, Heo YS, Choi SH. *Asian J Surg.* 2019 May 3. pii: S1015-9584(19)30172-1.
4. Long-term effect of bariatric surgery versus conventional therapy in obese Korean patients: a multicenter retrospective cohort study. Park JY, Heo Y, Kim YJ, Park JM, Kim SM, Park DJ, Lee SK, Han SM, Shim KW, Lee YJ, Lee JY, Kwon JW. *Ann Surg Treat Res.* 2019 Jun;96(6):283-289.
5. Association of Circulating Irisin Concentrations with Weight Loss after Roux-en-Y Gastric Bypass Surgery. Lee YJ, Heo Y, Choi JH, Park S, Kim KK, Shin DW, Kang JH. *Int J Environ Res Public Health.* 2019 Feb 24;16(4). pii: E660.
6. Enhanced ANGPTL2 expression in adipose tissues and its association with insulin resistance in obese women. J Kim, SK Lee, YJ Jang, HS Park, J Kim, JP Hong, YJ Lee, Y Heo *Sci Rep.* 2018; 8: 13976.
7. The impact of obesity and overweight on medical expenditures and disease incidence in Korea from 2002 to 2013. HJ Song, J Hwang, S Pi, S Ahn, Y Heo, S Park, J Kwon *PLoS One.* 2018; 13(5): e0197057.
8. Metabolic Surgery in Korea: What to Consider before Surgery. Kim MK, Heo Y. *Endocrinol Metab (Seoul).* 2017 Sep;32(3):307-315.

9. Korean OBESity Surgical Treatment Study (KOBESS): protocol of a prospective multicentre cohort study on obese patients undergoing laparoscopic sleeve gastrectomy and Roux-en-Y gastric bypass. Park YS, Park DJ, Lee JH, Lee HJ, Ha TK, Kim YJ, Ryu SW, Han SM, Yoo MW, Park S, Han SU, Heo Y. *BMJ Open*. 2017 Oct 16;7(10):e018044
10. The Recovery of Beta-Cell Function is Critical for Antidiabetic Outcomes of Gastric Bypass in Asian Subjects with Type 2 Diabetes and a Body Mass Index Below 30. Kwon O, Lee YJ, Yu JH, Kim MS, Heo Y. *Obes Surg*. 2017 Feb;27(2):541-544.
11. Beneficial Effects of Bariatric Surgery on Cardiac Structure and Function in Obesity. Shin SH, Lee YJ, Heo YS, Park SD, Kwon SW, Woo SI, Kim DH, Park KS, Kwan J. *Obes Surg*. 2017 Mar;27(3):620-625.
12. Enhanced biglycan gene expression in the adipose tissues of obese women and its association with obesity-related genes and metabolic parameters. Kim J, Lee SK, Shin JM, Jeoun UW, Jang YJ, Park HS, Kim JH, Gong GY, Lee TJ, Hong JP, Lee YJ, Heo YS. *Sci Rep*. 2016 Jul 28;6:30609
13. Roux-en-Y Gastric Bypass vs. Sleeve Gastrectomy vs. Gastric Banding: The First Multicenter Retrospective Comparative Cohort Study in Obese Korean Patients. Lee SK, Heo Y, Park JM, Kim YJ, Kim SM, Park do J, Han SM, Shim KW, Lee YJ, Lee JY, Kwon JW. *Yonsei Med J*. 2016 Jul;57(4):956-62
14. Nationwide Survey on Bariatric and Metabolic Surgery in Korea: 2003-2013 Results. Lee HJ, Ahn HS, Choi YB, Han SM, Han SU, Heo YS, Hur KY, Kim EK, Kim JH, Kim YJ, Lee HC, Lee JH, Park DJ, Park YC, Choi SH; Information Committee of Korean Society of Bariatric and Metabolic Surgery. *Obes Surg*. 2016 Mar;26(3):691-5.
15. Longitudinal Changes in Serum Levels of Angiopoietin-Like Protein 6 and Selenoprotein P After Gastric Bypass Surgery. Lim J, Park HS, Lee SK, Jang YJ, Lee YJ, Heo Y. *Obes Surg*. 2016 Apr;26(4):825-32.
16. Prediction of glycated hemoglobin levels at 3 months after metabolic surgery based on the 7-day plasma metabolic profile. Kwon HN, Lee YJ, Kang JH, Choi JH, An YJ, Kang S, Lee DH, Suh YJ, Heo Y, Park S. *PLoS One*. 2014 Nov 10;9(11):e109609.
17. Validation of the Korean version Moorehead-Ardelt quality of life questionnaire II. Lee YJ, Song HJ, Heo Y, Oh SH, Kwon JW, Moon KH, Park JM, Lee SK. *Ann Surg Treat Res*. 2014 Nov;87(5):265-72.

18. IL-34 is associated with obesity, chronic inflammation, and insulin resistance. Chang EJ, Lee SK, Song YS, Jang YJ, Park HS, Hong JP, Ko AR, Kim DY, Kim JH, Lee YJ, Heo YS. *J Clin Endocrinol Metab.* 2014 Jul;99(7):E1263-71.
19. Effects of surgical weight loss for treating obstructive sleep apnea. Bae EK, Lee YJ, Yun CH, Heo Y. *Sleep Breath.* 2014 Dec;18(4):901-5.
20. Serum SPARC and Matrix Metalloproteinase-2 and Metalloproteinase-9 Concentrations after Bariatric Surgery in Obese Adults. Lee YJ, Heo YS, Park HS, Lee SH, Lee SK, Jang YJ. *Obes Surg* 2014 24:604-10.
21. Bariatric Surgery for the Treatment of Severely Obese Patients in South Korea - Is it Cost Effective? HJ Song, JW Kwon, YJ Kim, SH Oh, Y Heo, SM Han. *Obes Surg* 2013;23:2058-67.
22. The Effect of Duodenojejunal Bypass for T2DM Patients Below BMI 25 kg/m<sup>2</sup> in Early Postoperative Period. Heo YS, Ahn JH, Shin SH, Lee YJ. *J Kor Surg Soc* 2013 85:109-15.
23. Association between low SIRT1 expression in visceral and subcutaneous adipose tissues and metabolic abnormalities in women with obesity and type 2 diabetes. Song YS, Lee SK, Jang YJ, Park HS, Kim JH, Lee YJ, Heo YS. *Diabetes Res Clin Pract.* 2013 Sep;101(3):341-8.
24. Fibronectin gene expression in human adipose tissue and its associations with obesity-related genes and metabolic parameters. Lee SH, Park HS, Lee JA, Song YS, Jang YJ, Kim JH, Lee YJ, Heo Y. *Obes Surg.* 2013 Apr;23(4):554-60.
25. Validation of the Korean translation of obesity-related problems scale assessing the quality of life in obese Korean. 1. Lee YJ, Moon KH, Choi JH, Cho MJ, Shin SH, Heo YS. *J Korean Surg Soc* 2013;84:140-153.
26. Bariatric surgery versus conventional therapy in obese Korea patients: a multicenter retrospective cohort study. Heo YS, Park JM, Kim YJ, Kim SM, Park DJ, Lee SK, Han SM, Shim KW, Lee YJ, Lee JY, Kwon JW. *J Korean Surg Soc.* 2012 Dec;83(6):335-42.
27. Associations among SPARC mRNA expression in adipose tissue, serum SPARC concentration, and metabolic parameters in Korean women. Lee SH, Lee JA, Park HS, Song YS, Jang YJ, Kim JH, Lee YJ, Heo Y. *Obesity* 2012 Nov;21(11):2296-302.

28. Influence of gastrectomy for stomach cancer on type 2 diabetes mellitus for patients with a body mass index less than 30 kg/m<sup>2</sup>. Kang KC, Shin SH, Lee YJ, Heo YS. J Korean Surg Soc. 2012 Jun;82(6):347-55.
29. Relationship between vaspin gene expression and abdominal fat distribution of Korean women. Lee JA, Park HS, Song YS, Jang YJ, Kim JH, Lee YJ, Heo YS. Endocr J. 2011;58(8):639-46.
30. The effect of duodenojejunal bypass for T2DM patients below body mass index 25 kg/m<sup>2</sup> in early postoperative period. Hong IK, Kim JY, Lee YJ, Choe YM, Choi SK, Lee KY, Kim SJ, Cho YU, Ahn SI, Hong KC, Shin SH, Kim KR, Heo YS. J Korean Surg Soc 2011;80:103-110.
31. Assessment of the efficacy, safety and cost-effectiveness of bariatric surgery: Korean multicenter study. Report of National Evidence-based Healthcare Collaborating Agency, 2012.
32. Is Surgery Necessary for Morbid Obesity Patient? NECA Round-table Conference Consensus Statement. Gaeun Kim, Sunyoung Jang, Youn-Baik Choi, Yoonseok Hur, Sang Woo Oh, Jin-Won Kwon, Sunhee Lee. Kor J Obes 2013 22:7-12.