

*In the Name of God*

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## **Education**

### **PhD by research**

Shahid Beheshti University of Medical Sciences Tehran ,Iran; 2016

### **MPH**

Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2007

### **MD**

Shahid Beheshti University of Medical Sciences, Tehran, Iran. 1994

## **Career Summary**

Researcher in Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran

*June 2008– Present*

Manager of Sheibani healthcare center, Tehran, Iran

1999-2008

*Manager of Torab healthcare center, Tehran, Iran*

*2000-2004*

*Manager of Samarghandi healthcare center, Tehran, Iran*

*1997-1999*

## Peer Reviewed Publications

### English

1. **Barzin M, Ebadinejad A, Khalaj A, Mahdavi M, Valizadeh M, Hosseinpanah F.** Determinants of Secondary Hyperparathyroidism 1 Year After One-Anastomosis Gastric Bypass or Sleeve Gastrectomy. *Obes Surg.* 2022 Nov 1.
2. **Heidari Almasi M, Barzin M, Mahdavi M, Khalaj A, Ebrahimi D, Valizadeh M, Hosseinpanah F.** Comparing Effects of Bariatric Surgery on Body Composition Changes in Metabolically Healthy and Metabolically Unhealthy Severely Obese Patients: Tehran Obesity Treatment Study (TOTS). *World J Surg.* 2022 Oct 2.
3. **Barzin M, Ebadinejad A, Vahidi F, Khalaj A, Mahdavi M, Valizadeh M, Hosseinpanah F.** The mediating role of bariatric surgery in the metabolic relationship between parathyroid hormone and 25-hydroxyvitamin D. *Osteoporos Int.* 2022 Dec;33(12):2585-2594.
4. **Heidari Almasi M, Barzin M, Serahati S, Valizadeh M, Momenan A, Azizi F, Hosseinpanah F.** Body Composition Assessment by Bioelectrical Impedance Analysis in Prediction of Cardio-Metabolic Risk Factors: Tehran Lipid and Glucose Study (TLGS). *Iran J Public Health.* 2022 Apr;51(4):851-859.
5. **Jahromi MK, Ebadinejad A, Barzin M, Mahdavi M, Niroomand M, Khalili D, Valizadeh M, Azizi F, Hosseinpanah F.** Association of cumulative excess weight and waist circumference exposure with transition from metabolically healthy obesity to metabolically unhealthy. *utr Metab Cardiovasc Dis.* 2022 Nov;32(11):2544-2552.
6. **Ebadinejad A, Barzin M, Abiri B, Mahdavi M, Khalaj A, Ebrahimi D, Hosseinpanah F, Valizadeh M.** The effect of bariatric surgery in comparison with the control group on the prevention of comorbidities in people with severe obesity: a prospective cohort study. *BMC Surg.* 2022 Jul 28;22(1):290.
7. **Chavoshi V, Barzin M, Ebadinejad A, Dehghan P, Momeni Moghaddam A, Mahdavi M, Hadaegh F, Niroomand M, Valizadeh M, Azizi F, Mirmiran P, Hosseinpanah F.** Association of ideal cardiovascular health with carotid intima-media thickness (cIMT) in a young adult population. *Sci Rep.* 2022 Jun 16;12(1):10056. doi: 10.1038/s41598-022-13994-5. PMID: 35710831
8. **Barzin M, Andalib A, Khalaj A, Mahdavi M, Valizadeh M, Mousapour P, Hosseinpanah F.** Predictive Factors of Cholelithiasis After Prophylactic Administration of Ursodeoxycholic Acid Following Laparoscopic Bariatric Surgery: Tehran Obesity Treatment Study. *Obes Surg.* 2022 Feb;32(2):311-317

9. Valizadeh M, Tasdighi E, **Barzin M**, Hariri R, Mahdavi M, Dehghan P, Momeni Moghaddam A, Azizi F, Hosseinpanah F. Association of childhood metabolic syndrome and metabolic phenotypes with the carotid intima-media thickness (CIMT) in early adulthood: Tehran lipid and glucose study. *Int J Cardiol.* **2022** Feb 1;348:128-133
10. Tasdighi E, **Barzin M**, Mahawar KK, Hosseinpanah F, Ebadinejad A, Taraghikhah N, Mansoori A, Khalaj A, Niroomand M, Valizadeh M, Abiri B. Effect of Biliopancreatic Limb Length on Weight Loss, Postoperative Complications, and Remission of Comorbidities in One Anastomosis Gastric Bypass: a Systematic Review and Meta-analysis. *Obes Surg.* **2022** Mar; 32(3):892-903
11. **Barzin M**, Aryannezhad S, Bagheri M, Mahdavi M, Valizadeh M, Azizi F, Hosseinpanah F. The association of the age, period, and birth cohort with 15-year changes in body mass index and waist circumference in adults: Tehran lipid and glucose study (TLGS). *BMC Public Health.* **2022** Mar 2; 22(1):418
12. **Barzin M**, Tasdighi E, Ebadinejad A, Khalaj A, Mahdavi M, Valizadeh M, Hosseinpanah F. Anemia After Sleeve Gastrectomy and One-Anastomosis Gastric Bypass: An Investigation Based on the Tehran Obesity Treatment Study (TOTS). *World J Surg.* **2022** Jul; 46(7):1713-1720
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14. Mousapour P, Khalaj A, Valizadeh M, **Barzin M**. Revisional Surgery After One-Anastomosis Gastric Bypass in a Patient with Limb-Girdle Muscular Dystrophy: Case Report. *Obes Surg.* **2021** Sep;31(9):4161-4164.
15. Aryannezhad S, Sadeghian Y, Shapoori P, Valizadeh M, **Barzin M**. A rare case report of late-onset phytobezoar formation following laparoscopic sleeve gastrectomy: delayed redo bariatric surgery *BMC Surg.* **2021** May 22;21(1):254.
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21. **Barzin M**, Heidari Almasi M, Mahdavi M, Khalaj A, Valizadeh M, Hosseinpanah F. Body Composition Changes Following Sleeve Gastrectomy Vs. One-Anastomosis Gastric Bypass: Tehran Obesity Treatment Study (TOTS). *Obes Surg*. **2021** Oct 12.
22. Aryannezhad S, Khalaj A, Hosseinpanah F, Mahdavi M, Valizadeh M, **Barzin M**. One-year outcomes of bariatric surgery in older adults: a case-matched analysis based on the Tehran Obesity Treatment Study. *Surg Today*. **2021** Jan;51(1):61-69.
23. Mousapour P, Tasdighi E, Khalaj A, Mahdavi M, Valizadeh M, Taheri H, Hosseinpanah F, **Barzin M**. Sex disparity in laparoscopic bariatric surgery outcomes: a matched-pair cohort analysis. *Sci Rep*. **2021** Jun 17;11(1):12809.
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32. **Barzin M**, Khalaj A, Tasdighi E, Samiei Nasr D, Mahdavi M, Banihashem S, Valizadeh M. Sleeve gastrectomy vs gastric bypass in improvement of depressive symptoms following one year from bariatric surgery, Tehran Obesity Treatment Study (TOTS). *Obes Res Clin Pract*. **2020** Jan - Feb;14(1):73-79.
33. Piri Z, **Barzin M**, Mahdavi M, Guity K, Azizi F, Hosseinpanah F, Valizadeh M. The role of childhood BMI in predicting early adulthood dysglycemia: Tehran lipid and glucose study. *Nutr Metab Cardiovasc Dis*. **2020** Feb 10;30(2):313-319.
34. Mousapour P, **Barzin M**, Valizadeh M, Mahdavi M, Azizi F, Hosseinpanah F. Predictive performance of lipid accumulation product and visceral adiposity index for renal function decline in non-diabetic adults, an 8.6-year follow-up. *Clin Exp Nephrol*. **2020** Mar;24(3):225-234.
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فرمت واحد جهت وارد کردن اطلاعات معرفی اعضا مراکز تحقیقاتی برای وب سایت انگلیسی



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### **Farsi**

مریم برزین، فرهاد حسین پناه، رامین ملبوس باف، ثریا ارژن، فریدون عزیزی. هیپرگلیسمی ایزوله پس از تست تحمل گلوکز و خطر حوادث قلبی-عروقی. : مطالعه قند و لیپید تهران. مجله دیابت و لیپید ایران. ۱۳۹۰، دوره ۱۰ شماره ۶ صفحات ۶۲۱-۶۲۸.

مریم برزین، پروین میرمیران، مرجان افغان، فریدون عزیزی. بررسی شیوع چاقی، چاقی شکمی، الگوی غذایی و فعالیت بدنی در مراجعین دختر ۱۸ تا ۲۵ ساله به مراکز مشاوره پیش از ازدواج (تهران، تابستان ۱۳۸۷). پژوهنده ۱۳۸۸، سال ۱۴، شماره ۲ صفحات ۵۹-۶۵.

مریم برزین، پروین میرمیران، علی رمضانخانی، حسین حاتمی، فریدون عزیزی. شیوع چاقی در مردان جوان تهرانی (۱۸ تا ۲۵ ساله) در زمان ورود به خدمت نظام وظیفه (شهریور ۱۳۸۶) مجله غدد درون ریز و متابولیسم، ۱۳۸۷، دوره ۱۰ شماره ۶، صفحات ۶۱۳-۶۰۵.

مریم برزین، فرهاد حسین پناه، صهبا فکری، ثریا ارژن، فریدون عزیزی. ارزش پیش بینی کننده نمایه توده بدنی و دور کمر در سندرم متابولیک در کودکان ۶ تا ۱۲ ساله شهر تهران. مجله دیابت و لیپید ایران. ۱۳۹۰، دوره ۱۰ شماره ۶ صفحات ۶۷۰-۶۷۷.

مریم برزین، فرهاد حسین پناه، ثریا ارژن، فریدون عزیزی. روند شیوع چاقی و چاقی شکمی در بزرگسالان شهر تهران (۸۷-۱۳۷۸). پژوهنده ۱۳۹۰، سال ۱۶، شماره ۵ صفحات ۲۱۸-۲۱۲.