

# Cerrahi teknik seçimi ve erken dönem komplikasyonlar

Prof. Dr. Cüneyt Kayaalp

İnönü Üniversitesi, Gastroenteroloji Cerrahisi

Malatya

# Çıkar çatışması beyanatı

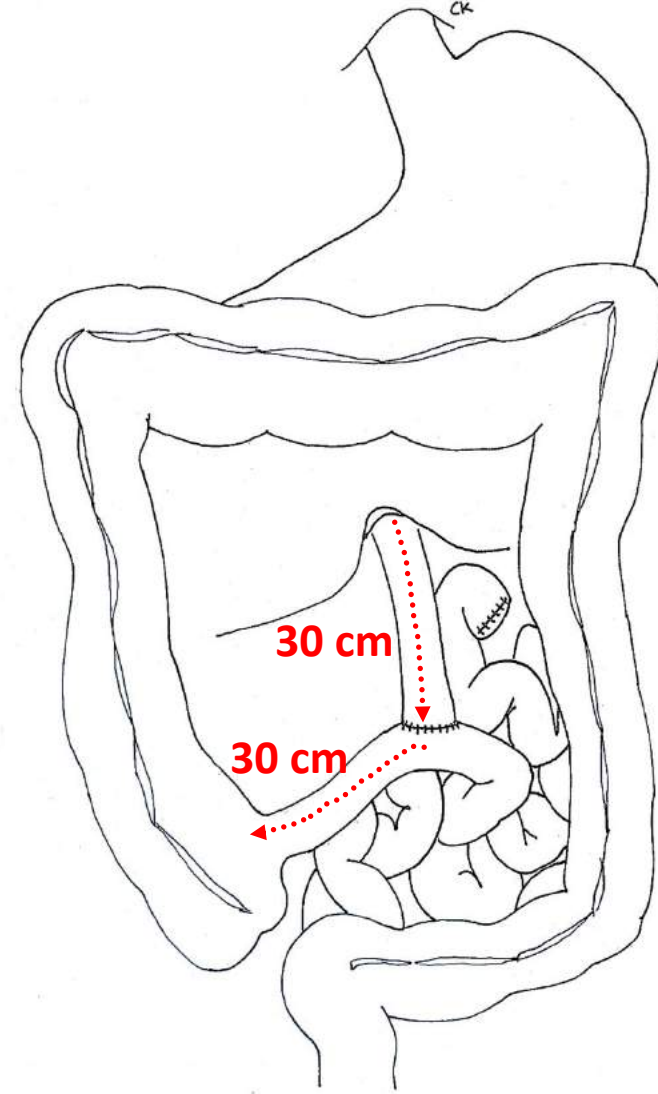
- Bu konuşmayı herhangi bir firma bağlantısı olmadan ve ekonomik bir beklenti içinde olmadan yapıyorum.
- Ameliyat çizimleri kendime aittir.

# Amaç

- Sindirim sistemi cerrahisinin T2DM'a etkisi üzerine teknik bilgi vermek.

# Obezite cerrahisi başlıyor!

- 1957, Los Angeles
- John Howard Payne (1919-1983)
- Loren DeWind (1917-2009)



# Anılarına mükerrer baskı

*JAMA*. 2014;312(9):966

## JAMA Revisited

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November 15, 1976

**Intestinal Bypass Surgery for Morbid Obesity:  
Long-Term Results**

Loren T. DeWind, MD; J. Howard Payne, MD

# Obezite cerrahisi sonrası kan şekeri neden düzeliyor?

*Annals of Oncology* 12 (Suppl. 2): S63–S68, 2001.  
© 2001 Kluwer Academic Publishers. Printed in the Netherlands.

## **Review**

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### **The gut as the largest endocrine organ in the body**

H. Ahlman & O. Nilsson

*Departments of Surgery and Pathology at the Lundberg Laboratory for Cancer Research, Göteborg University, Göteborg, Sweden*

**Duodenumu  
devre dıřı bırak**



**Mideyi küçült**

**Gıdayı terminal  
ileuma ilet**



Yenilen miktar arttı  
Açlık hissi azaldı

Rafine gıdalar distal  
bağırsağa ulaşamıyor



Kendimizin-çevremizin bozduđu bedenimizi  
cerrahi yöntemlerle yeni beslenme sistemimize  
adapte etmeye çalışmak

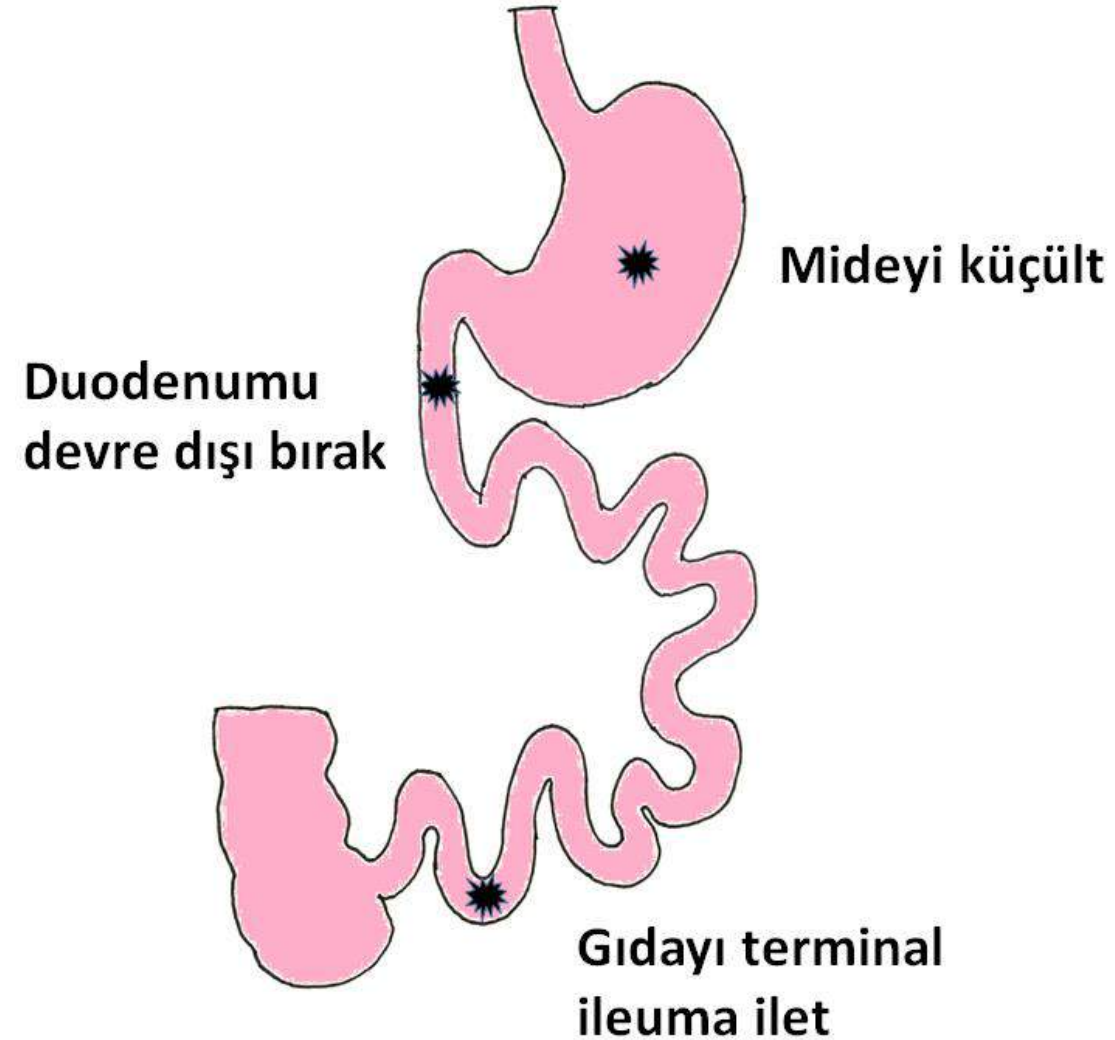


Obezite cerrahisi ve metabolik cerrahi

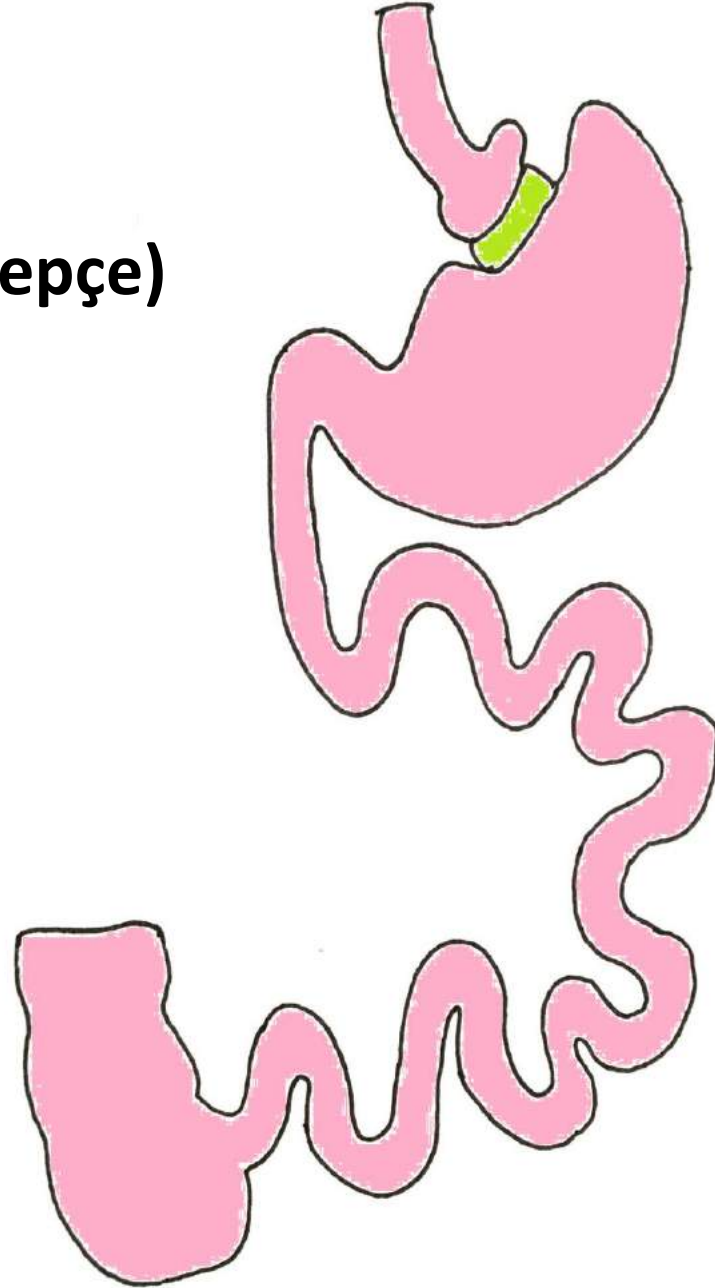
# Türkiye'de obezite ve metabolik cerrahi sayısı



# Ameliyatlarda ve T2 DM üzerindeki başarı oranları

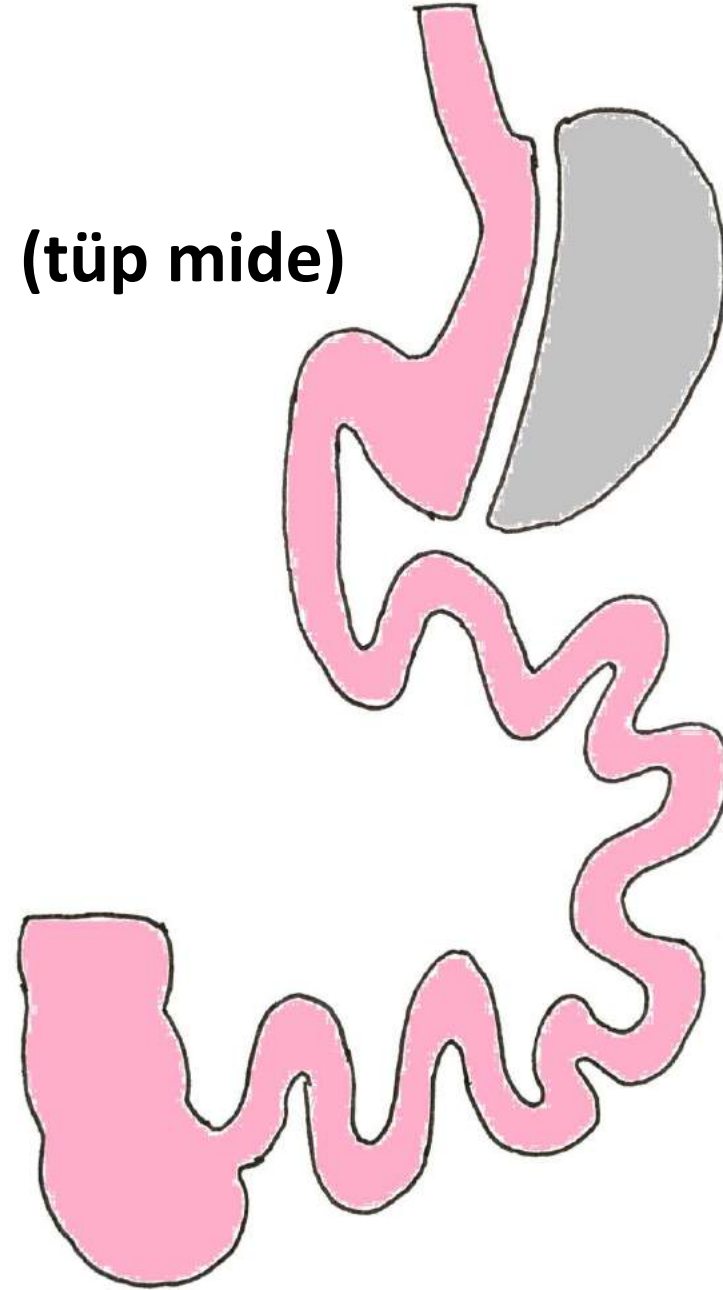


**Gastrik bant (kelepçe)**

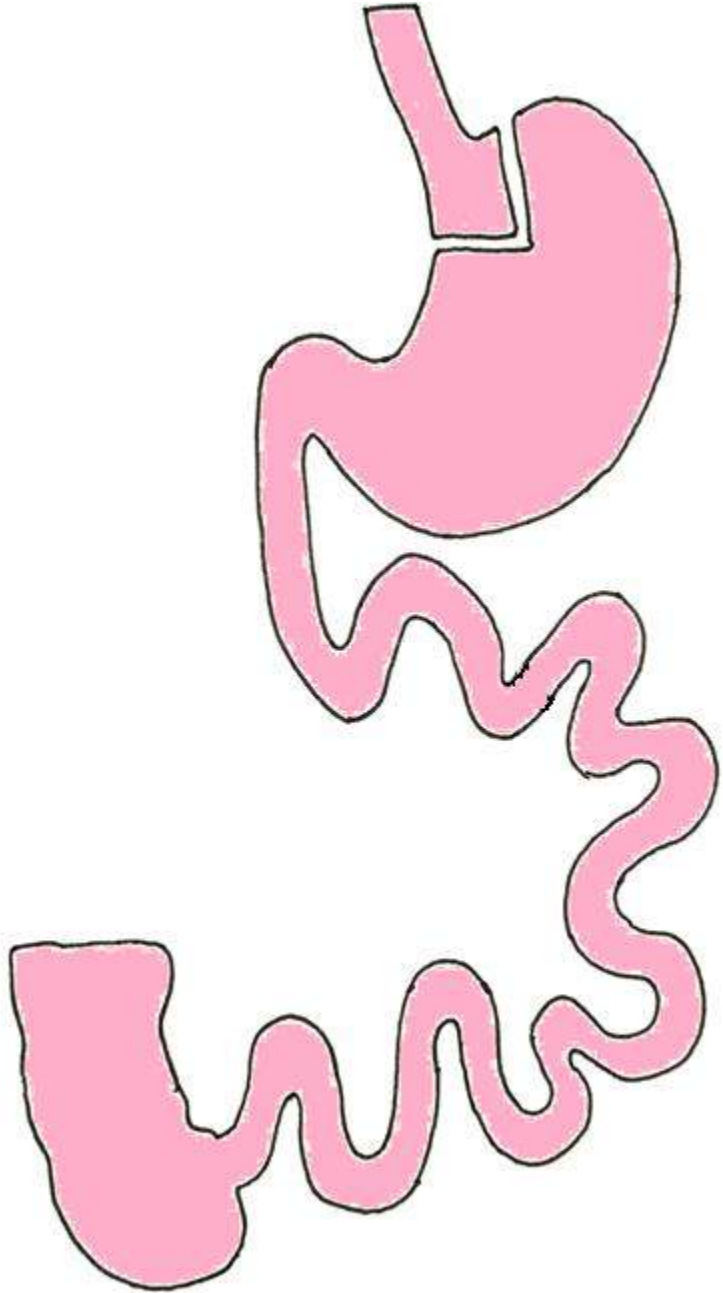


**DM remisyon: %40**

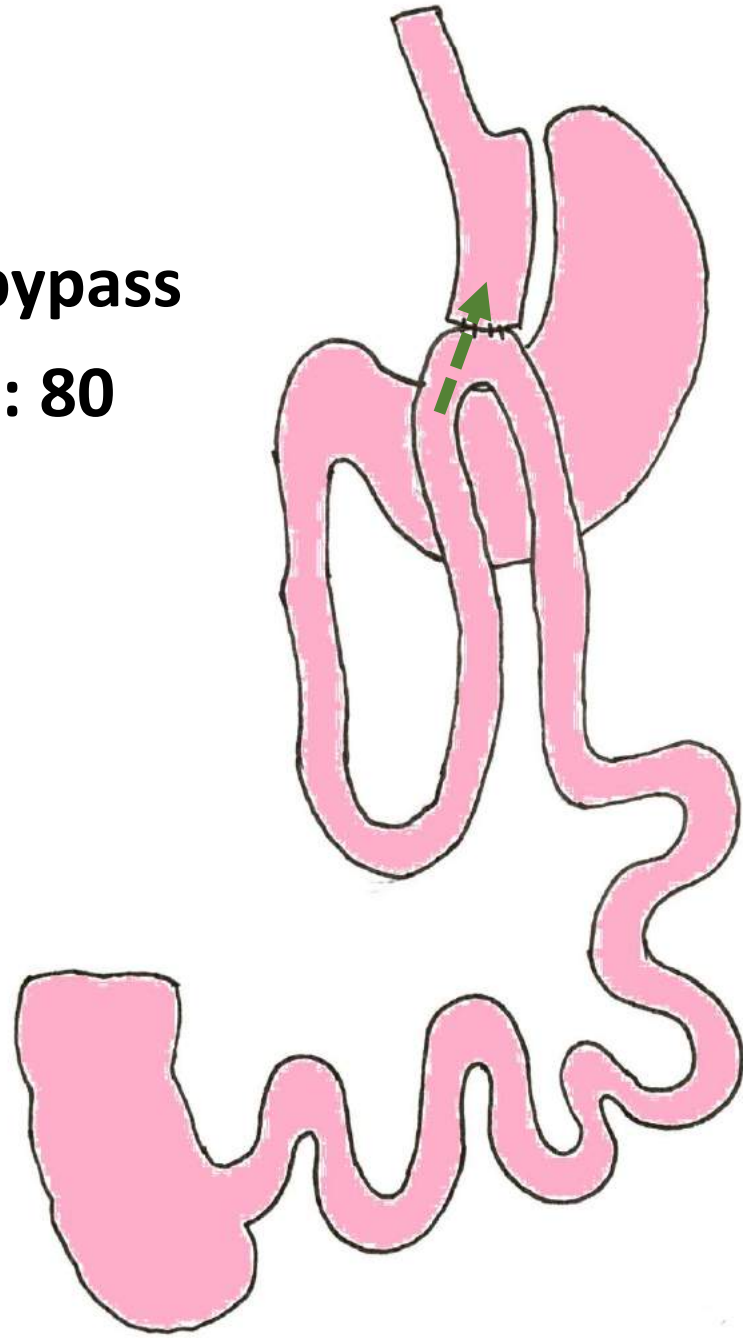
**Sleeve gastrektomi (tüp mide)**

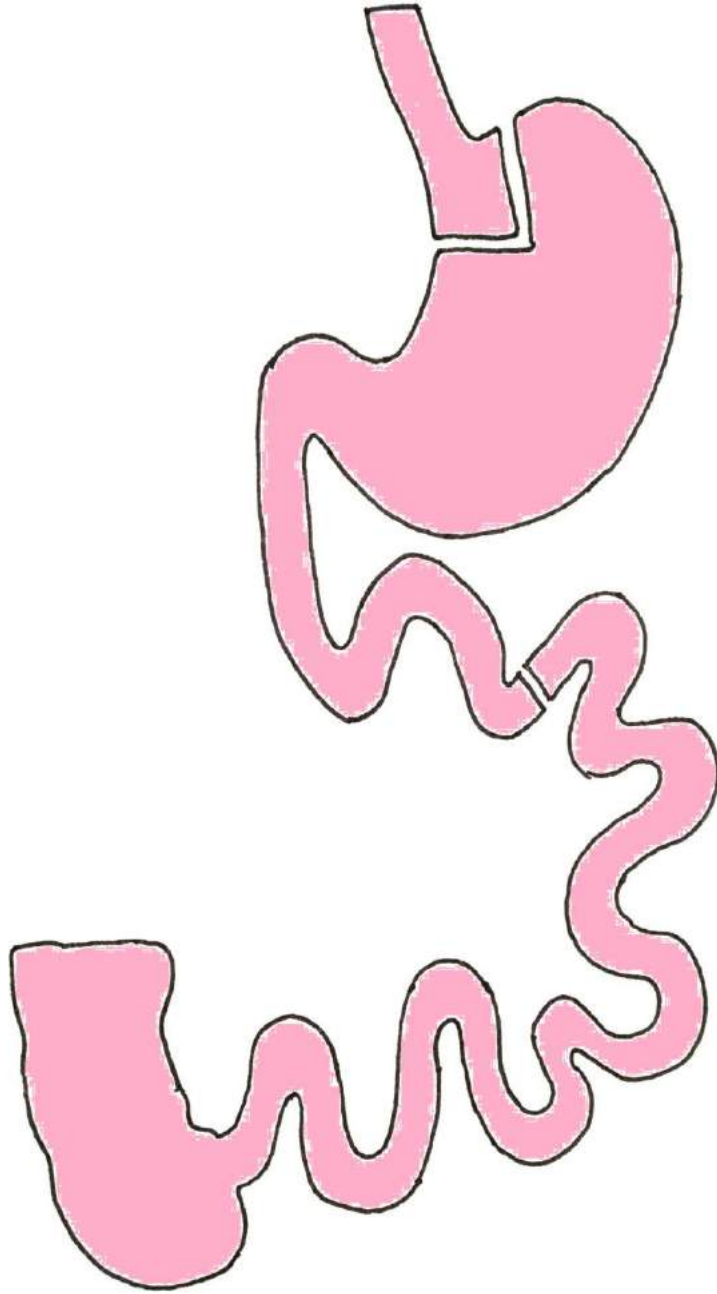


**DM remisyon: %50**

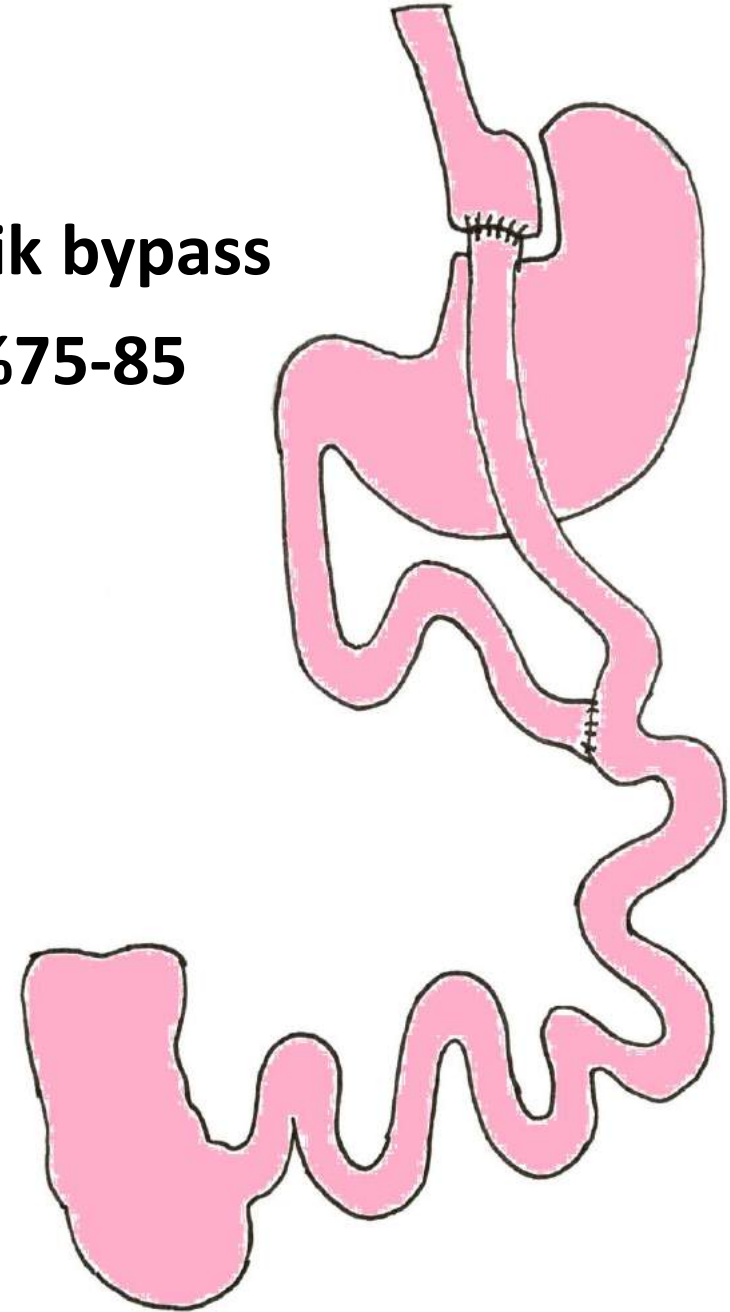


**Mini-gastrik bypass**  
**DM remisyon: 80**



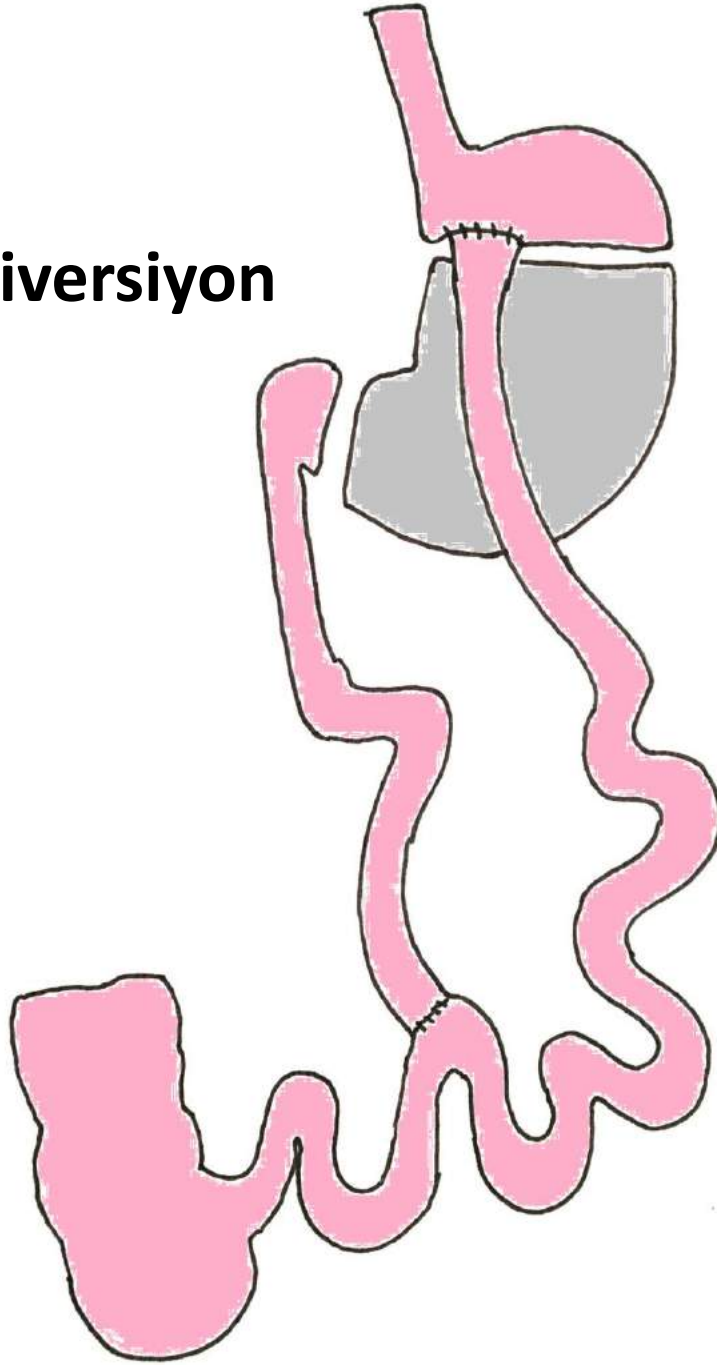


**Roux-en-Y gastrik bypass**  
**DM remisyon: %75-85**

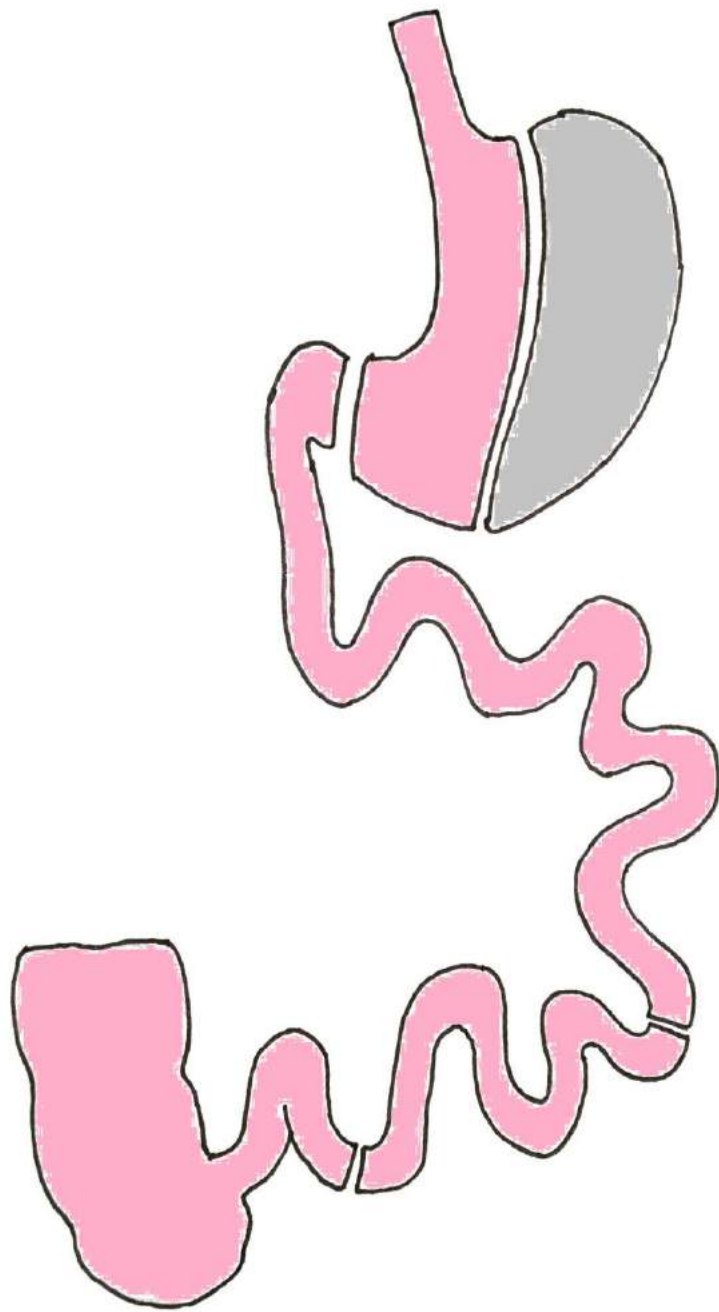


**Biliyo-pankreatik diversiyon**

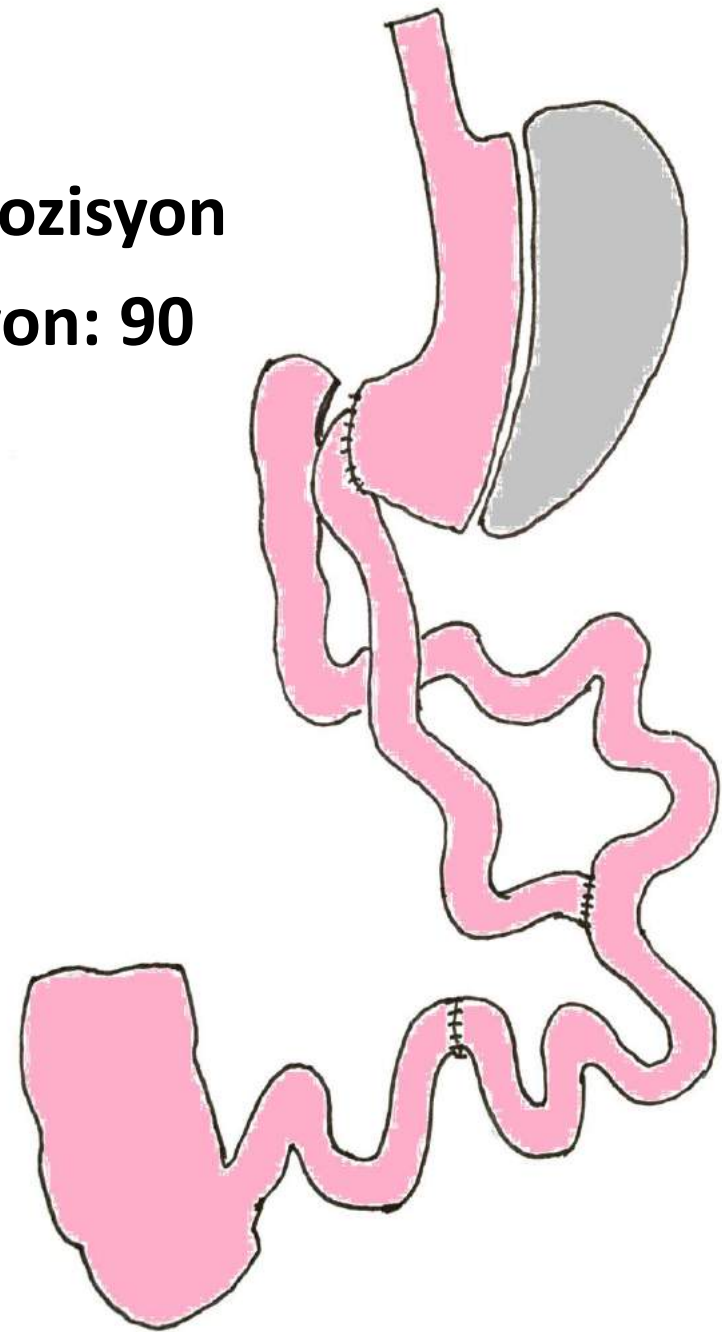
**DM remisyon: %90**







**ileal interpozisyon**  
**DM remisyon: 90**



# Ameliyat tercihi

	Bant ve Sleeve	Gastrik Bypass'lar	BPD ve iip
Teknik	Kolay	Orta	Kompleks
Risk	Düşük	Orta	Yüksek
Etkinlik	%50	%80	%90
Tecrübemiz	<b>n: 100</b>	<b>n: 800</b>	<b>n: 10</b>

# İnönü Üniversitesi tecrübesi (Roux-en-Y gastrik bypass)

The image displays two side-by-side screenshots of the Endocrine Abstracts website. Both screenshots show the same header with the logo, ISSN information, and a navigation menu. The left screenshot shows an abstract titled "The effect of gastric bypass surgery on lipid profile in obese patients with type 2 diabetes mellitus" by Sedat Cetin<sup>1</sup>, Fatih Sumer<sup>2</sup>, Ibrahim Sahin<sup>1</sup> & Cuneyt Kayaalp<sup>2</sup>. The right screenshot shows an abstract titled "Alterations of thyroid functions in obesity: is there any impact of co-existence of type 2 diabetes mellitus?" by Omercan Topaloglu<sup>1</sup>, Fatih Sumer<sup>2</sup>, Sedat Cetin<sup>1</sup>, Saim Yologlu<sup>3</sup>, Cuneyt Kayaalp<sup>2</sup> & Ibrahim Sahin<sup>1</sup>.

**Endocrine Abstracts**  
ISSN 1470-3947 (print)  
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Endocrine Abstracts (2016) 41 EP826 | DOI:10.1530/endoabs.41.EP826

The effect of gastric bypass surgery on lipid profile in obese patients with type 2 diabetes mellitus

Sedat Cetin<sup>1</sup>, Fatih Sumer<sup>2</sup>, Ibrahim Sahin<sup>1</sup> & Cuneyt Kayaalp<sup>2</sup>

Endocrine Abstracts (2016) 41 EP995 | DOI:10.1530/endoabs.41.EP995

Alterations of thyroid functions in obesity: is there any impact of co-existence of type 2 diabetes mellitus?

Omercan Topaloglu<sup>1</sup>, Fatih Sumer<sup>2</sup>, Sedat Cetin<sup>1</sup>, Saim Yologlu<sup>3</sup>, Cuneyt Kayaalp<sup>2</sup> & Ibrahim Sahin<sup>1</sup>

**Diyabet remisyon oranı : %80**

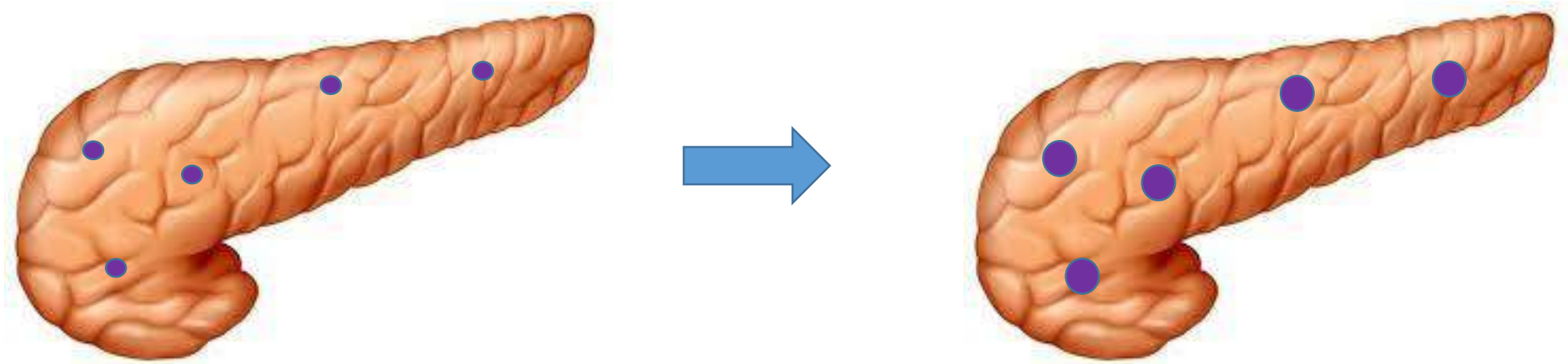
# Erken komplikasyonlar: Nadir

- Kanama
  - Kaçak
  - Pulmoner emboli
  - ...
- 
- Diabet regülasyonunda yetersizlik

# Erken komplikasyonlar

- Perioperatif mortalite oranları hastanın genel durumuna ve yapılan ameliyata göre deęişmekle birlikte <%0,5.

Pankreasta ameliyat sonrasında neler oluyor?



# Geç komplikasyonlar: Sorun

- Malnütrisyon
- İntestinal obstrüksiyon
- Diyabetin rekürensi
- ...

Saygılarımla