

JEOPARDY JEOPARDY JEOPARDY JEOPARDY JEOPARDY JEOPARDY

# Bariatric Surgery

JEOPARDY!

JEOPARDY JEOPARDY JEOPARDY JEOPARDY JEOPARDY

# HERE ARE TODAY'S CATEGORIES

**JEOPARDY!**



# History of Bariatric Surgery

**JEOPARDY!**



# Bariatric Surgery Outcomes

**JEOPARDY!**



# Procedures

**JEOPARDY!**



# Bariatric Surgery Scores

**JEOPARDY!**



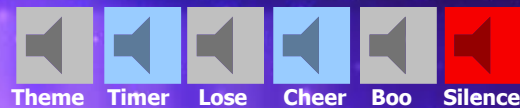
# Endoscopic Management of Obesity

**JEOPARDY!**



# Obesity in TV and Movies

**JEOPARDY!**





**History of  
Bariatric**

**Bariatric  
Outcomes**

**New  
Procedures**

**SCORES**

**Endoscopic**

**Obesity in  
TV and  
movies**

**\$100**

**\$100**

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**FINAL JEOPARDY**

**JEOPARDY!**



Theme

Timer

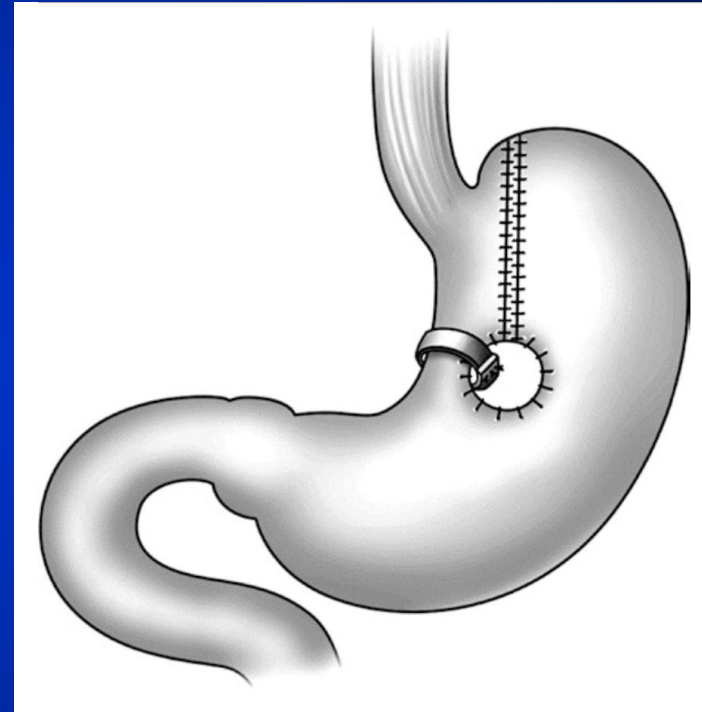
Lose

Cheer

Boo

Silence

**The surgeon  
behind the  
final version  
of this  
procedure**



Start Timer

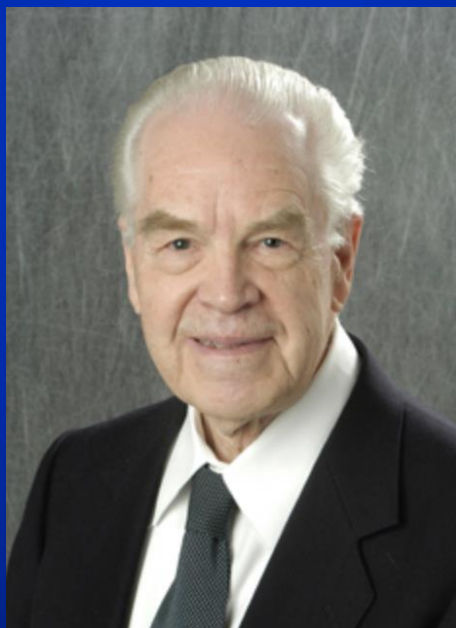
**GO TO  
ANSWER  
(question)**

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

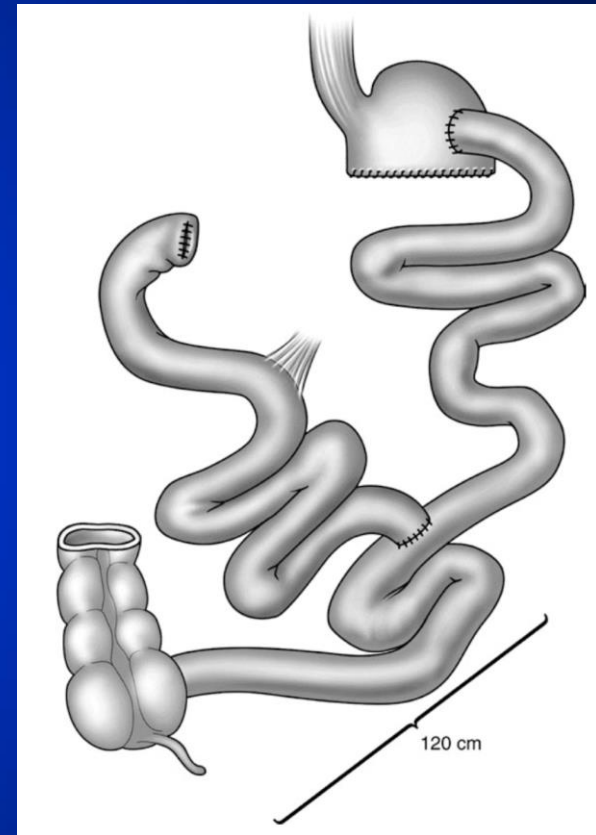
# Who is Dr Edward E Mason?



**JEOPARDY!**



**The  
surgeon  
who  
invented  
this  
procedure**



Start Timer

**GO TO  
ANSWER  
(question)**

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

# Who is Dr Nicolas Scopinaro?



**JEOPARDY!**



# The first to point he beneficial effect of Bariatric Surgery on Type II DM

ANNALS OF SURGERY  
Vol. 222, No. 3, 339-352  
© 1995 Lippincott-Raven Publishers



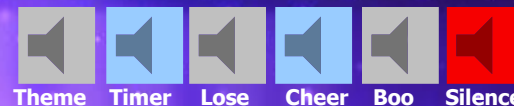
## Who Would Have Thought It?

An Operation Proves to Be the Most  
Effective Therapy for Adult-Onset  
Diabetes Mellitus

Start Timer

GO TO  
ANSWER  
(question)

**JEOPARDY!**



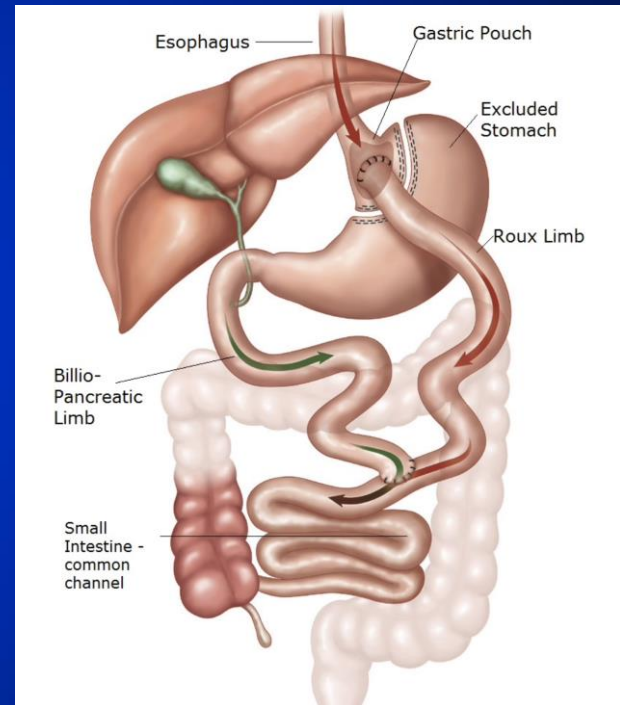
# Who is Dr Walter Pories?



**JEOPARDY!**



**The first who  
performed this  
procedure  
laparoscopically**



Start Timer

**GO TO  
ANSWER  
(question)**

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence



**Who is Dr  
Alan  
Wittgrove?**



**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

# Year new IFSO, ASMBS guidelines for Bariatric Surgery Indications

Start Timer

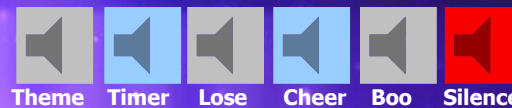
GO TO  
ANSWER  
(question)

**JEOPARDY!**



# What is 2022?

**JEOPARDY!**

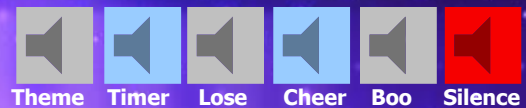


# The 10-year remission rate of type 2 DM according to the Swedish Obese Subjects Study



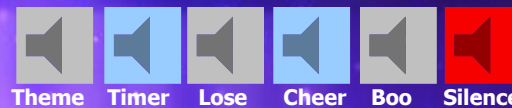
GO TO  
ANSWER  
(question)

**JEOPARDY!**



**What is 36%?**

**JEOPARDY!**



# Definition of failure of weight loss after Bariatric Surgery

Start Timer

GO TO ANSWER (question)

JEOPARDY!



Theme Timer Lose Cheer Boo Silence

**What is less than 50% of  
EWL after 24 months of  
Bariatric Surgery ?**

**JEOPARDY!**



**The rate of type 2 DM  
remission with intensive  
medical therapy According to  
STAMPDE trial**

Start Timer

GO TO  
ANSWER  
(question)

**JEOPARDY!**

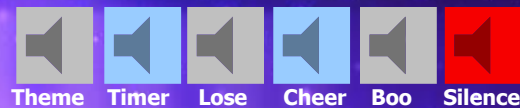


Theme Timer Lose Cheer Boo Silence



**What is 0% (ZERO)?**

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

# The overall reduction of all-cause mortality after Bariatric Surgery



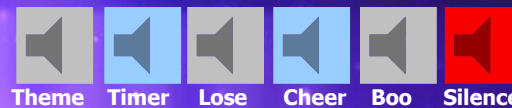
GO TO  
ANSWER  
(question)

**JEOPARDY!**



**What is 40%?**

**JEOPARDY!**



**The rate of resolution of  
HTN after Bariatric surgery  
according to a meta-  
analysis by Buchwald in  
2004**

Start Timer

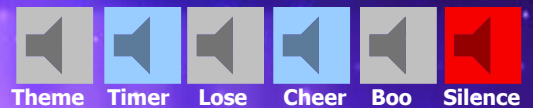
GO TO  
ANSWER  
(question)

**JEOPARDY!**

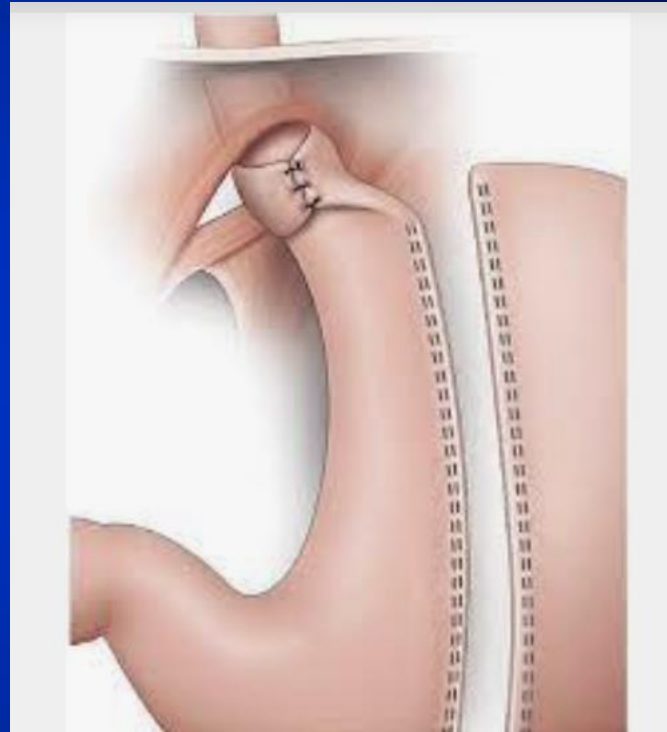


**What is 60%?**

**JEOPARDY!**



**The surgeon who  
invented this  
procedure**



Start Timer

**GO TO  
ANSWER  
(question)**

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

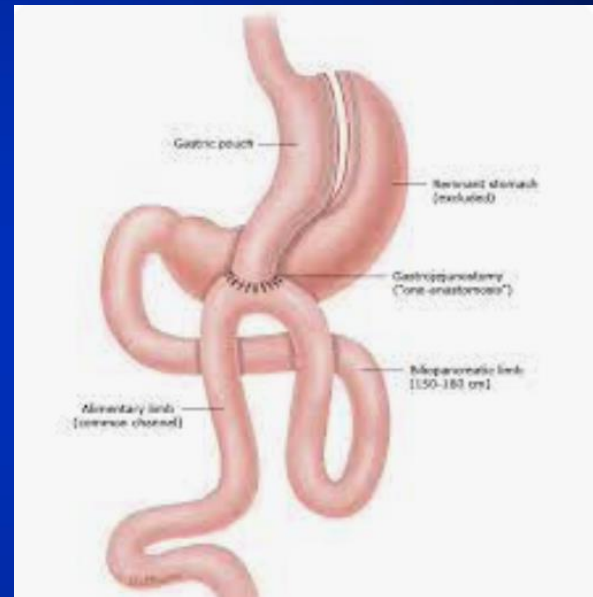
# Who is Dr. m David Nocca ?



**JEOPARDY!**



The year this procedure was approved by the ASMBS



Start Timer

GO TO ANSWER (question)

JEOPARDY!

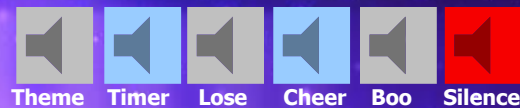


Theme Timer Lose Cheer Boo Silence

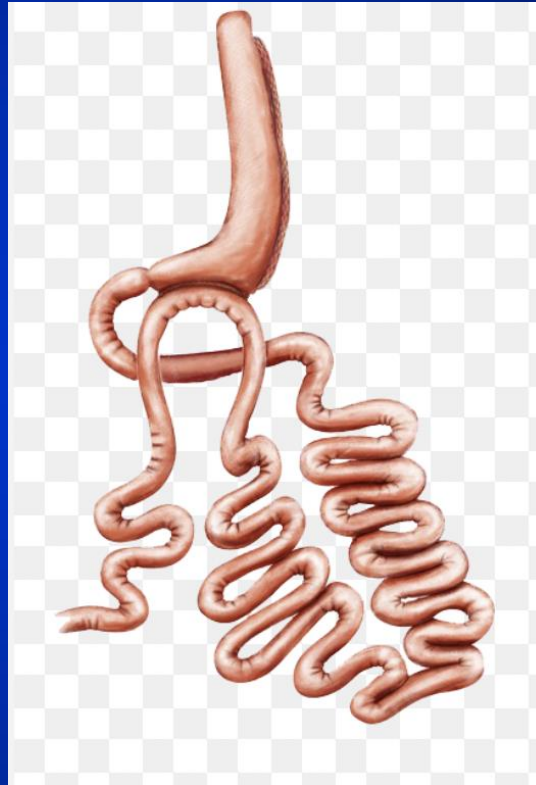


**What is 2022?**

**JEOPARDY!**



**Name the procedure ?**



Start Timer

**GO TO ANSWER (question)**

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

What is **SINGLE ANASTOMOSIS  
STOMACH-ILEAL BYPASS WITH  
SLEEVE GASTRECTOMY ?**

**JEOPARDY!**



**The first to  
report the  
technical  
details of this  
procedure**



Start Timer

**GO TO  
ANSWER  
(question)**

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

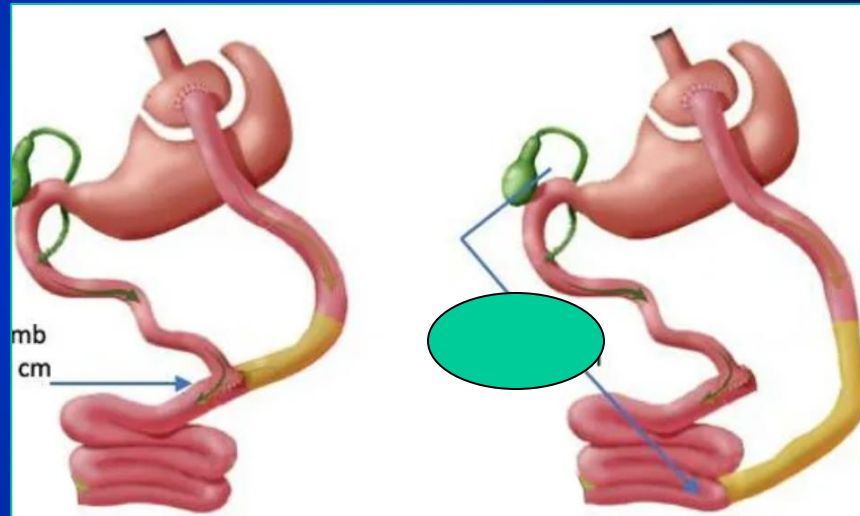
# Who is Dr Mathias Fobi ?



**JEOPARDY!**



# Revisional Procedure for RYGB



Start Timer

GO TO ANSWER (question)

JEEPARDY!



Theme Timer Lose Cheer Boo Silence

**What is Type II Distalization  
of RYGB?**

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

# Scoring system to assess for Obstructive Sleep Apnea risk before Surgery



GO TO  
ANSWER  
(question)

**JEOPARDY!**





# What is STOP BANG Score?

| STOP   |     |    |
|--|-----|----|
| Do you often <b>SNORE</b> loudly (louder than talking)         | Yes | No |
| Do you often feel <b>TIRED</b> , fatigued or sleepy during day | Yes | No |
| Has anyone <b>OBSERVED</b> you stop breathing during sleep     | Yes | No |
| Do you have high blood <b>PRESSURE</b>                         | Yes | No |
| BANG   |     |    |
| <b>BMI</b> more than 35Kg/m2                                   | Yes | No |
| <b>AGE</b> over 50 years                                       | Yes | No |
| <b>NECK</b> circumference > 40cm                               | Yes | No |
| <b>GENDER</b> Male   | Yes | No |

Score 1 point for each positive response

Scoring Interpretation: 0-2 Low Risk; 3-4 Intermediate Risk; 5 or more High Risk



# Scoring system to predict remission of Type 2 DM after Bariatric Surgery

It consists of Age, BMI, C-peptide and Duration of DM



GO TO ANSWER (question)

**JEOPARDY!**



# What is ABCD Scoring system?

| Variable                  | Point on ABCD index |           |           |        |
|---------------------------|---------------------|-----------|-----------|--------|
|                           | 0                   | 1         | 2         | 3      |
| Age (yr)                  | ≥ 40                | < 40      |           |        |
| BMI (kg/m <sup>2</sup> )  | < 27.0              | 27.0–34.9 | 35.0–41.9 | ≥ 42.0 |
| C-peptide (mg/L)          | < 2.0               | 2.0–2.9   | 3.0–4.9   | ≥ 5.0  |
| Duration of diabetes (yr) | > 8                 | 4–8       | 1–3.9     | < 1    |

| ABCD score (%) | Probability of diabetes remission* |                   |
|----------------|------------------------------------|-------------------|
|                | Complete remission                 | Partial remission |
| 0              | 5.9                                | 5.9               |
| 1              | 5.0                                | 20.0              |
| 2              | 26.3                               | 38.6              |
| 3              | 31.9                               | 42.0              |
| 4              | 52.5                               | 67.8              |
| 5              | 55.4                               | 75.0              |
| 6              | 61.7                               | 78.3              |
| 7              | 77.0                               | 92.3              |
| 8              | 85.2                               | 96.3              |
| 9              | 87.1                               | 87.1              |
| 10             | 93.9                               | 93.3              |
| Overall        | 52.2                               | 64.7              |

\*According to the analysis of 510 patients of Asian Diabetes Surgery Study. BMI, body mass index.

# Scoring System to standardize reporting of Bariatric Surgery Outcomes

It consists of Weight Loss, Improvement of Comorbidities, Complications, Quality of Life and need for new surgeries



GO TO  
ANSWER  
(question)

**JEOPARDY!**



# What is Bariatric Analysis and Reporting Outcomes System BAROS ?

| WEIGHT LOSS<br>% OF EXCESS<br>(points)                                   | MEDICAL<br>CONDITIONS<br>(points)                  | QUALITY OF LIFE<br>QUESTIONNAIRE   |
|--|--|--|
| Weight Gain<br>(-1)  | Aggravated<br>(-1)                                 | 1. Usually I Feel...<br>-50  -40  -30  -20  -10  +10  +20  +30  +40  +50   |
| 0-24<br>(0)  | Unchanged<br>(0)                                   | 2. I Enjoy Physical Activities...<br>-50  -40  -30  -20  -10  +10  +20  +30  +40  +50  |
| 25-49<br>(1)   | Improved<br>(1)                                    | 3. I Have Satisfactory Social Contacts...<br>-50  -40  -30  -20  -10  +10  +20  +30  +40  +50  |
| 50-74<br>(2)   | One major<br>resolved<br>Others<br>improved<br>(2) | 4. I Am Able to Work...<br>-50  -40  -30  -20  -10  +10  +20  +30  +40  +50  |
| 75-100<br>(3)  | All major<br>resolved<br>Others<br>improved<br>(3) | 5. The Pleasure I Get Out of Sex Is...<br>-50  -40  -30  -20  -10  +10  +20  +30  +40  +50   |
|  |  | 6. The Way I Approach Food Is...<br>-50  -40  -30  -20  -10  +10  +20  +30  +40  +50   |
|  |  | -3 to -2.1   -2 to -1.1   -1   0   1   1.1 to 2   2.1 to 3<br>Very Poor   Poor   Fair   Good   Very Good<br>Quality of Life  |
| Subtotal:  | Subtotal:  | Subtotal:  |
| <b>COMPLICATIONS</b><br>Minor: Deduct 0.2 point<br>Major: Deduct 1 point |  | <b>REOPERATION</b><br>Deduct 1 point   |
| TOTAL SCORE <input type="text"/>   |  | <b>OUTCOME GROUPS<br/>SCORING KEY</b><br>Failure 1 point or less<br>Fair > 1 to 3 points<br>Good > 3 to 5 points<br>Very Good > 5 to 7 points<br>Excellent > 7 to 9 points |

# Scoring System developed in UK for Selecting patients for Consideration of Bariatric Surgery

Based on BMI, Age, Severity of Comorbidities



GO TO ANSWER (question)

**JEOPARDY!**



# What is the Dudley Bariatric Surgery and Comorbidity Score DUBASCO Score ?

**Table 1.** Dudley Bariatric Surgery Comorbidity Score (DUBASCO SCORE)

| Score                    | 1                                    | 2  | 3   | 4   |
|--------------------------|--------------------------------------|--|---|---|
| BMI (kg/m <sup>2</sup> ) | ≥ 35.0–40.0                          | > 40.0–50.0  | > 50.0–60.0   | > 60.0  |
| Age (Years)              | > 60                                 | 51–60  | 41–50   | ≤ 40  |
| Comorbidities            |                                      |  |   |   |
| Type 2 diabetes          | IGT/IFG                              | Optimal glycaemic control (HbA <sub>1c</sub> ≤ 7.0%) | Suboptimal glycaemic control (HbA <sub>1c</sub> > 7.0–9.0%) | Poor glycaemic control (HbA <sub>1c</sub> > 9.0%) OR on insulin |
| Hypertension             | Well controlled on 1 medication      | Well controlled on 2 medications                     | Poorly controlled on 2 medications                          | Poorly controlled on > 2 medications                            |
| Dyslipidaemia            | Requiring no treatment               | Well controlled on 1 medication                      | Well controlled on 2 medications                            | Poorly controlled on 2 medications                              |
| Obstructive sleep apnoea | Neck circumference > 43 cm or snorer | ODI 5–14/h   | ODI 15–30/h   | ODI > 30/h or on CPAP   |
| Overall score            |                                      |  |   |   |

If score is ≥ 10, consider referral for bariatric surgery.

**Scoring guide**

Type 2 diabetes: optimal control (HbA<sub>1c</sub> ≤ 7.0%),  
suboptimal control (HbA<sub>1c</sub> > 7.0–9.0%)  
poor glycaemic control (HbA<sub>1c</sub> > 9.0%)

Hypertension: well controlled (BP systolic < 140 and diastolic < 90 mmHg)  
poorly controlled (systolic ≥ 140 and/or diastolic ≥ 90 mmHg)

Dyslipidaemia: well controlled (TC ≤ 5.0, TG ≤ 1.7 and HDL-C ≥ 1.0 in men and ≥ 1.2 mmol/L in women)  
poorly controlled (TC > 5.0, TG > 1.7 or HDL-C < 1.0 in men and < 1.2 mmol/L in women)

ODI by two overnight oximeter readings

**Key:** BP = blood pressure; BMI = body mass index; HbA<sub>1c</sub> = glycated haemoglobin A<sub>1c</sub>; IFG = impaired fasting glucose; IGT = impaired glucose tolerance; TC = total cholesterol; TG = triglyceride; HDL-C = high-density lipoprotein cholesterol; ODI = oxygen desaturation index; CPAP = continuous positive airway pressure



**Bariatric Surgeon developed  
and popularized a scoring  
system to help surgeons chose  
among RYGB and Sleeve  
Gastrectomy for obese  
patients with Type 2 DM**



**GO TO  
ANSWER  
(question)**

**JEOPARDY!**

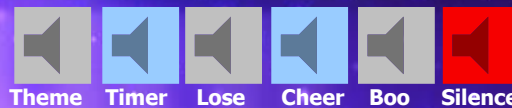




# Who is Dr Ali Aminian?



**JEOPARDY!**



# Expected duration of Elipse Swallowable Gastric Balloon

Start Timer

GO TO ANSWER (question)

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

**What is 3.5 to 4 months  
duration?**

**JEOPARDY!**



# Intragastric Balloon system with ability to adjust intragastric balloon volume



GO TO  
ANSWER  
(question)

**JEOPARDY!**



# What is Spatz Balloon?

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

# Management of this complication of Intragastric balloon



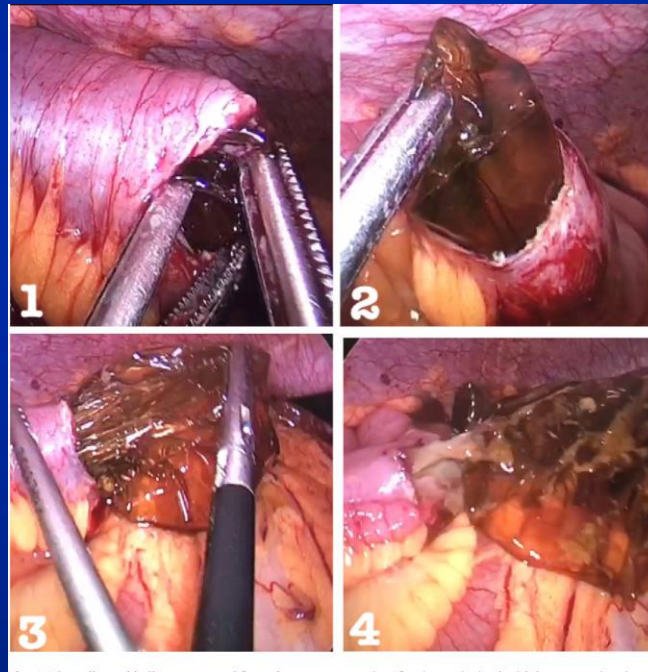
Start Timer

GO TO  
ANSWER  
(question)

**JEOPARDY!**



# What is diagnostic laparoscopy and Balloon removal ?



**JEOPARDY!**

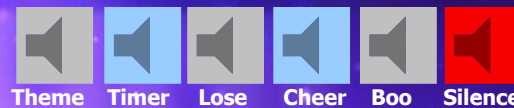


**Endoscopic Procedure  
commercially popularized, has  
conflicting results for weight  
loss compared to placebo in  
RCT**



**GO TO  
ANSWER  
(question)**

**JEOPARDY!**





# What is Gastric Botox Injection?

**JEOPARDY!**





# DAILY DOUBLE

**Most effective  
Endoscopic procedure for  
weight loss, with  
significant learning curve**

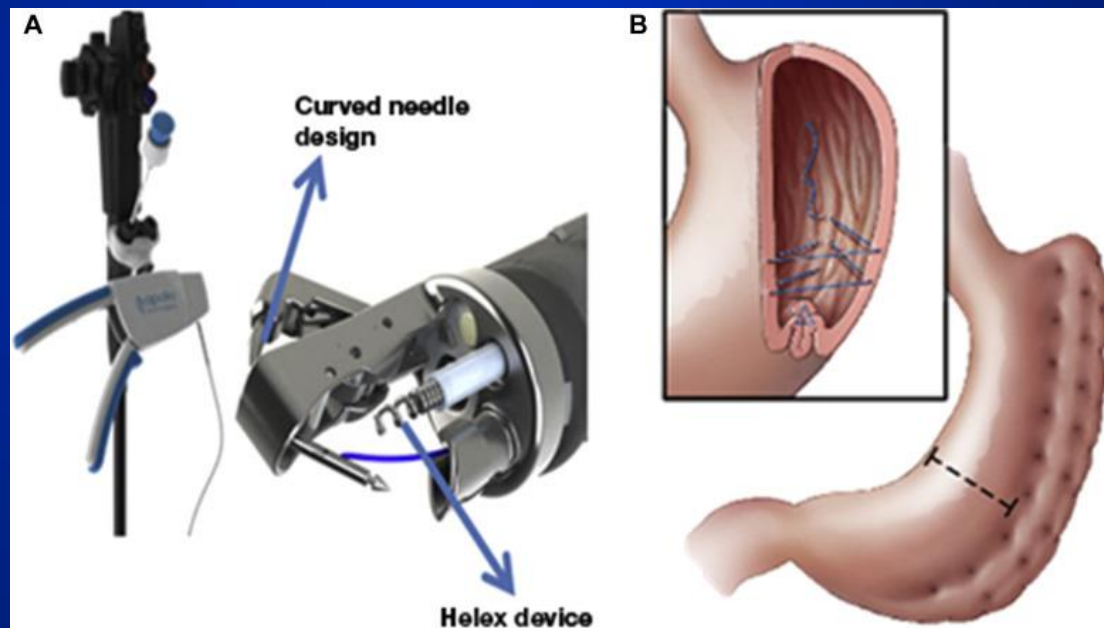


**GO TO  
ANSWER  
(question)**

**JEOPARDY!**



# What is Endoscopic Sleeve Gastroplasty ESG?



# Name this show



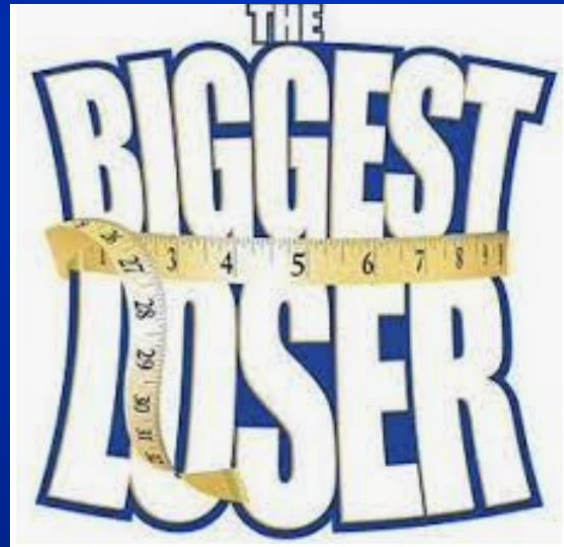
GO TO  
ANSWER  
(question)

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

# What is the Biggest Loser ?



**JEOPARDY!**



# Name the movie



GO TO  
ANSWER  
(question)

**JEOPARDY!**



# What is the Nutty Professor?

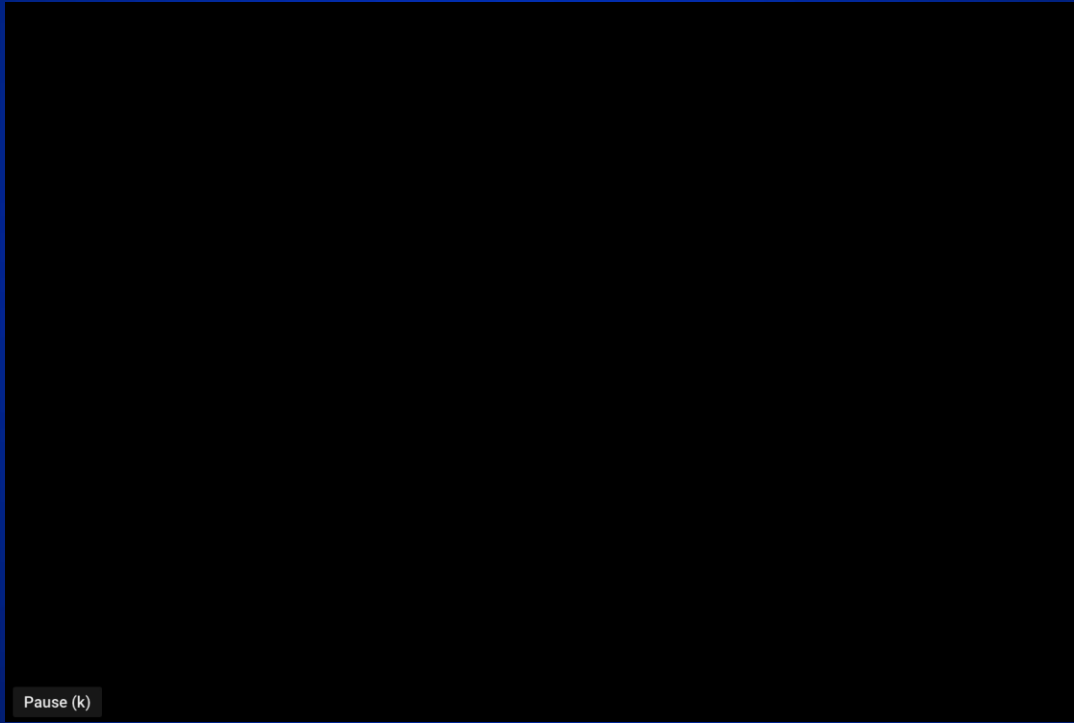


**JEOPARDY!**





# Name the Movie



Pause (k)

Start Timer

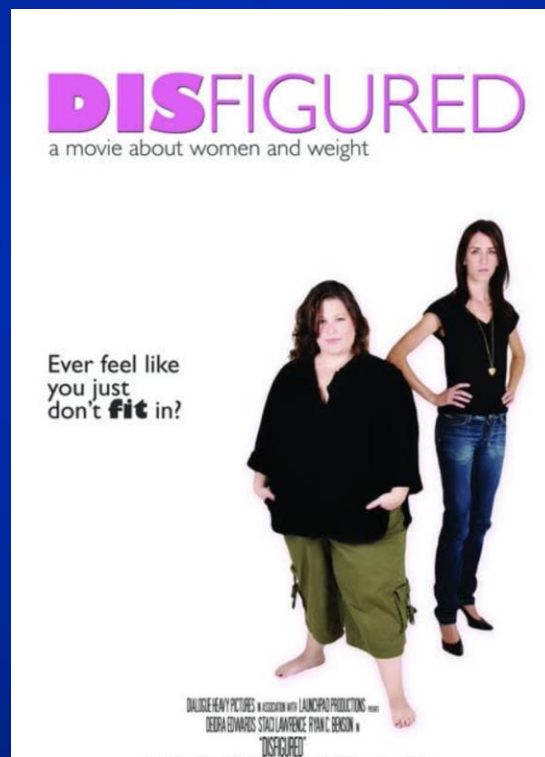
GO TO ANSWER (question)

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

# What DISFIGURED?



**JEOPARDY!**



Theme



Timer



Lose



Cheer



Boo



Silence

In this movie Morgan Spurlock personally explores the consequences on his health of a diet of solely McDonald's food for one month.

*Samuel Goldwyn*<sup>®</sup>  
SAMUEL GOLDWYN FILMS

ay (k)

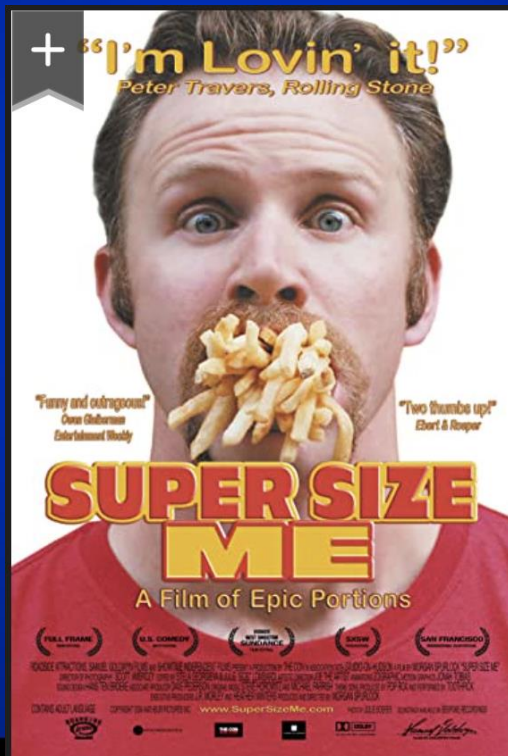
Start Timer

GO TO  
ANSWER  
(question)

**JEOPARDY!**



# What is Super Size Me ?



JEEPARDY!



Theme



Timer



Lose



Cheer

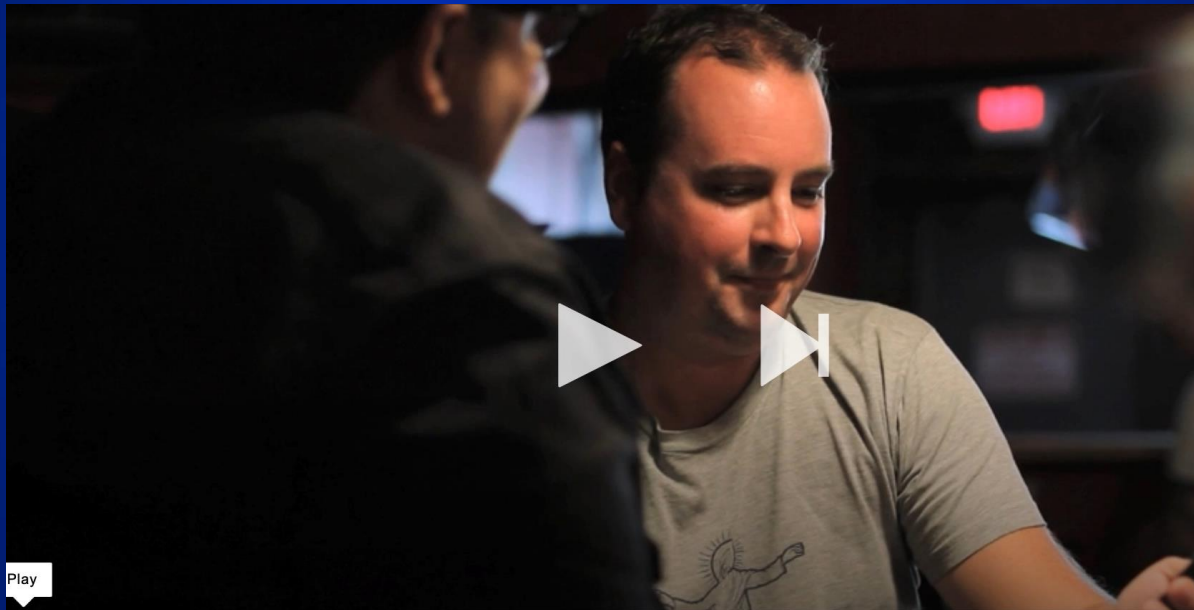


Boo



Silence

# Name this Movie



Start Timer

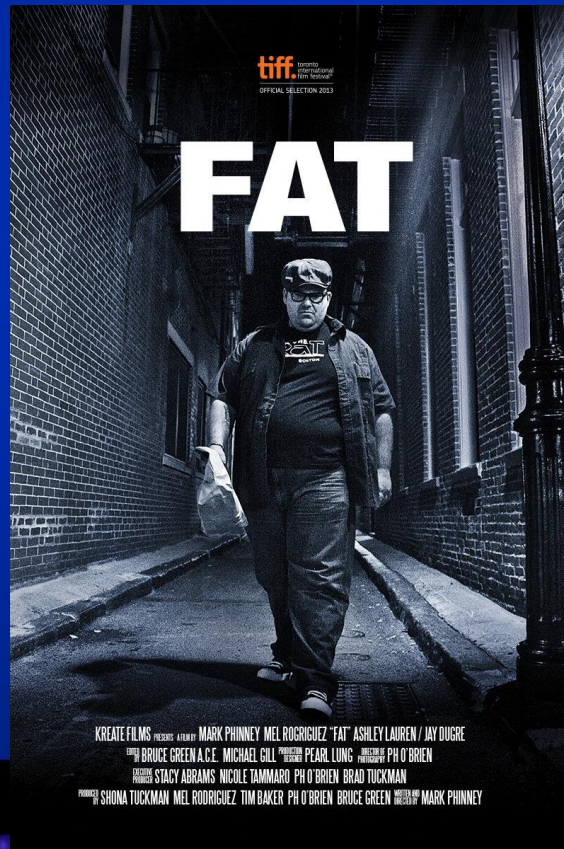
GO TO  
ANSWER  
(question)

**JEOPARDY!**



Theme Timer Lose Cheer Boo Silence

# What is FAT ?



**JEOPARDY!**

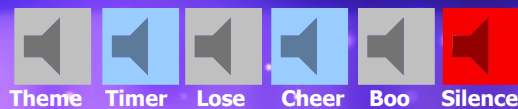


# FINAL

# JEOPARDY!



JEOPARDY!

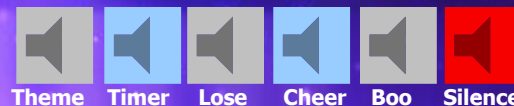


**The way Eddie Murphy was able to dramatically lose weight in this movie**



**GO TO ANSWER**  
(question)

**JEOPARDY!**





# What is DNA Restructuring ?

**JEOPARDY!**

