

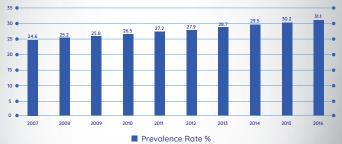


In recent decades, obesity has become a serious clinical disease that is contributed by a high-fat diet Over 3 million people each uear die from obesitu.

The number of obese people in the world total is approximately 2.1 billion, which makes up about 30% of the total population. The worldwide obesity rate has tripled since 1975.

# Prevalence of obesity in the adult population gaed 18 years and older in Egypt from 2007 to 2016.

# Obesity Prevalence Rate in Egypt %



This statistic shows the prevalence of obesity in the adult population aged 18 years and older in Egypt from 2007 to 2016. In 2016, around 31.1 percent of the adult population were obese compared to 30.2 percent in 2015. The prevalence rate of obesitu has been increasing over the observed time period, reaching an all-time high in 2016. (March2018)

# **Complication of Obesity**



tupe II

- pancretitis diabetes
  - heart diease hupertension duslipidemia
- disorders
- hupertension depression stroke reduced
- · hypovenesteem

# Mega Loss

Green Coffee & Guar Gum

Unique combination of Green Coffee and Guar Gum provides double effect by different mechanisms of action.

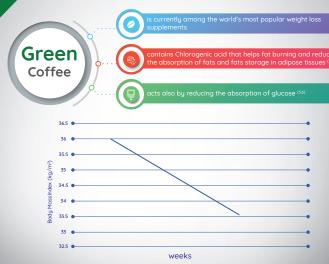


Figure: 35 healthy obese patients (24 females and 11 males) were enrolled in this study forthe period from 1/12/2016 to 1/7/2017. All the participants were given 1000mg green coffee as a capsule once daily for 6 weeks<sup>(7)</sup>

# Guar Gum reduces appetite and gives the sensation of satiety. Guar Gum fiber expands in the intestines making feel full so, food quantity consumed will reduced(8)

# Mega Loss has also benefits for

- GIT as a laxative
- Decreasing blood glucose and total cholesterol level



- Gives a double effect in the same time
- Acts with many mechanisms
- Decreases the cholesterol level by burning fats and reduces their absorption.
- Make full feeling sensation.
- Decreases hunger sensation.
- Reduces the carbohydrate absorption from GIT and increases sugar metabolism
- High bioavailability with rabid and maximum efficacy.
  - Very safe with
    - No GIT problems
    - · No mood problems

### Ingredients:

- Green Coffee Beans extract
- Guar Gum

### Dosage:

- Dissolve 2.5 gm of Guar Gum powder in ½ glass of water an hour before the main meals, then take 2 full glasses of water after taking
- the dose twice daily.
   Dissolve 2.5gm of Green Coffee powder in 1/2 glass of water after the main meals twice dailu.

### Indications:

Obesitu



### References:

- 1. https://www.who.int/news-room/fact-sheets/detail/obesity-and-overweight ,16 February 2018
- 2. https://www.statista.com/statistics/979509/egypt-prevalence-of-obesity-adult-population-aged-18-years-and-older/
- 3. Setyono J et al.: The Effect of Green Coffee Bean Extract on Lipid Profile and Adiponectin Levels. Jurnal Ners, 2014; 9(1): 26-34.
- 4. Budryn G et al.: Green and roasted coffee extracts as antioxidants in βTC3 cells with induced oxidative stress and lipid accumulation inhibitors in 3T3L1 cells and their bioactivity in rats fed high fat diet. Eur Food Res Technol 2017; doi:10.1007/s00217-017-2843-0.
- 5. Am J Clin Nutr. 2003 Oct; 78(4):728-33. Coffee acutely modifies gastrointestinal hormone secretion and glucose tolerance in humans: alucemic effects of chlorogenic acid and coffeine. Johnston KL1. Clifford MN. Morgan LM.
- 6. van Dijk AE, Olthof MR, Meeuse JC, Seebus E, Heine RJ, van Dom RM. Acute effects of decaffeinated coffee and the major coffee components chlorogenic acid and trigonelline on glucose tolerance. Diabetes Care. 2009 Jun; 32(6):1023-5. Doi: 10.2337/dc09-0207. Epub 2009 Mar 26. PubMed PMID: 19324944; PubMed Central PMCID: PMC2851030.
- Nagham N. Alhamhany et al / J. Pharm. Sci. & Res. Vol. 10(3), March 2018, 627-630 Does green coffee has a positive effect on body mass index and lipid profile in a sample of obese people
- Roa TP, Hoyskows M, Minami T, Ishinara N, Kopoor MP, Ohkuba T, Juneja LR, Wakabayashi K. Post-meal perceivable satiety and subsequent energy intake with intake of partially hydrolysed guar gum. Br J Nutr. 2015 May 14; 13(9):1489 98.doi:10.1017/S0007114515000756. Epub 2015 Apr 8. PubMed PMID: 25851425.