Bariatrics and Addiction

Maria Trapp, Ph.D.

Body Mass Index (BMI) of Adults Ages 20 and Older

BMI Classification

18.5 to 24.9 Normal Weight

25 to 29.9 Overweight

30+ Obesity (including extreme obesity)

40+ Extreme Obesity

 1 in 3 adults are considered overweight

 1 in 3 are considered obese

• 1 in 13 are considered extremely obese

CAUSES OF OBESITY:

- Heredity
- ► Computer
- ▶ Television
- Telephone
- Sedentary Lifestyle

- Medications
- Access to Healthy Food
- **SES**
- ► Sleep Habits
- Safety

Comorbid Conditions of Obesity:

- Gallstones
- Cardiac Issues
- Mental Health Issues
- High Blood Pressure
- Joint Problems and Pain
- Diabetes Type 2

University of Oklahoma

Bariatric and Metabolic Surgery Clinic

1100 N. Lincoln Boulevard, Suite 3200 Oklahoma City, OK 73104

Lifestyle Post-Surgically³

FOOD INTAKE DRINK LIMITATIONS NO NSAID'S MENTAL HEALTH CONCERNS VITAMIN SUPPLEMENTS **ALCOHOL AVOIDANCE PREGNANCY**

HIGHER RATES OF SUICIDE⁴

HIGHER RATES OF ALCOHOLISM⁵

Addiction & Bariatric Population⁶⁻⁷

Food Addiction
Coping Strategies
Social Reinforcement

- Food and fellowship
- Wine and respect

- National Institute of Diabetes and Digestive and Kidney Disease.
 Overweight and obesity statistics. 2017. Available at https://www.niddk.gov/heath- information-statistics/overweight and obesity statistics. Accessed April 19, 2019.
- 2. Institute of health Metrics and Evaluation. The vast majority of American adults are overweight or obese, and weight is a growing problem among US children. May 28, 2014. Available at https:www.healthdata.org/news-release/vast- majority-americans. Accessed April 09, 2019.
- 3. American Society for metabolic and Bariatric Surgery. *Life after Bariatric Surgery.* Available at https://www.asmbs.org/patients/life-after-bariatric-surgery. Accessed April 09, 2019.

- 4. Peterhansel C, Petroff D, Klinitzke A, Wagner B. Risk of completed suicide after bariatric surgery: a systematic review. *Obesity Reviews*. 2013; 14(5): 369-382.
- 5. Spadola C, Wagner EF, Dillon FR, Trepka MJ, Munoz NdlC, Messiah SE. Alcohol and drug use among post-operative bariatric patients: A systematic review of the emerging research and its implications. Alcoholism, Clinical and Experimental research. 2015; 39(9): 1582-1601.
- 6. Moorehead MK, Alexander CL. *Transfer of addiction and considerations for preventive measures in bariatric surgery: Part II.* Presented at Surgery for the Foregut Symposium. February 16, 2019.
- 7. Wadden TA, Faulconbridge LF, Jones-Corneille LSR, Sarwer DB, Fabricatore AN, Graham Thomas J, Terence Wilson G. *Binge eating disorder and the outcome of bariatric surgery at one year: A prospective, observational study.* 2011; 19(6): 1220-1228.

MARIA TRAPP, Ph.D.

University of Oklahoma College of Medicine Department of Psychiatry and Behavioral Sciences