

# **Nurses' Performance for Patient Undergoing Bariatric Surgery**

***Thesis***

*Submitted for Partial Fulfillment of  
The Master Degree in Nursing Sciences  
(Medical –Surgical Nursing)*

*By*

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2017**

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***Ahmed El-Sayed Ibrahiem Mansour***

## *Dedication*

*I wish to express my indebtedness and gratitude to **my family, my wife** and to all those who sincerely helped me to fulfill this work.*

## *Abstract*

Bariatric surgery is currently considered the most effective treatment option for morbid obesity; it results in greater improvement in weight loss outcomes and obesity-related co-morbidities when compared with nonsurgical interventions. The performance of bariatric nurse is very relevant for the quality and results of surgery. **Aim:** the aim of this study was to assess nurses' performance for patient undergoing bariatric surgery. **Design:** A descriptive exploratory design was followed to achieve the aim of this study. **Setting:** The study was conducted at surgical Units at Ain Shams University Hospital Cairo-Egypt. **Sample:** Purposive samples of 30 nurses were recruited in this study worked in obesity surgery units at Ain Shams University Hospital. **Tools of data collection:** A structured self-Administered knowledge assessment Questionnaire and Evaluation practice checklist were used to collect data of this study. **Results:** The results of this study showed that, 73.3% of studied nurses had unsatisfactory knowledge and 70.0% of them had unsatisfactory practice regarding management of patient undergoing bariatric surgery. Furthermore, there was a statistical significant correlation between total studied nurses' knowledge and total practice. **Conclusion:** The current study concluded that, more than two third of the studied nurses had unsatisfactory level of knowledge and practice. **Recommendations:** The study recommended the importance of implementing an educational training program to improve nurses' performance regarding patient undergoing bariatric surgery.

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**Key words: Bariatric surgery, Nurses' performance**

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*List of Abbreviations*

AGB	: Adjustable Gastric Band
BED	: Bing Eating Disorders
BMI	: Body Mass Index
BPD	: Biliopancreatic Diversion
BPD/DS	: Biliopancreatic Diversion with Duodenal Switch
BS	: Bariatric Surgery
BSN	: Bachelor of Science in Nursing
CPAP	: Continuous Positive Airway Pressure
CME	: Continuous Medical Education
CNE	: Continuous Nursing Education
CT	: Computerized Tomography
DVT	: Deep Venous Thrombosis
ECG	: Electrocardiogram
ERCP	: Endoscopic Retrograde Cholangiopancreatography
EWL	: Excess Weight Loss
GCS	: Glasgow Coma Scale
GERD	: Gastro-esophageal Reflux Disease
GLP-1	: Glucagon like Peptide 1
HB	: hemoglobin
HbA1c	: Hemoglobin A1C
ICD <sub>s</sub>	: Impulse Control Disorders

*List of Abbreviations (Cont.)*

IV	: Intravenous
LAGB	: Laparoscopic Adjustable Gastric Band
NIH	: National Institutes of Health
NPO	: Nothing per Oss
NSAID <sub>s</sub>	: Non-Steroidal Anti-Inflammatory Drugs
OHS	: Obesity Hypoventilation Syndrome
OSA	: Obstructive Sleep Apnea
OXM	: Oxyntomodulin
PYY	: Peptide YY
RUQ	: Right Upper Quadrant
RYGB	: Roux Y Gastric Bypass
SG	: Sleeve Gastrectomy
SILS	: Surgical Incision Laparoscopic
SSI	: Surgical Site Infection
T2DM	: Type 2 Diabetes Mellitus
UGI	: Upper Gastrointestinal
VTE	: Venous Thrombo Embolism
WLS	: Weight Loss Surgery



# **Introduction**





# **Aim of the Study**





# **Review of Literature**

