


<p>Tanta University Faculty of Medicine Anesthesia, SICU & Pain Medicine Dep. Date: 28 / 10 / 2020</p>	<p>Exam: Master & Diploma Degree 2nd Part Paper 1 No. of Questions: 3 long answer questions 4 Short answer questions Times allowed: 3 hours Total marks: 180 marks</p>	
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I- A 67 year old patient is reviewed in the preoperative assessment clinic prior to surgery for excision of a pheochromocytoma.

- A) What is a pheochromocytoma? What are the characteristic symptoms, signs and diagnostic criteria of pheochromocytoma? (10marks)
- B) How are patients with pheochromocytoma prepared for surgery? (15marks)
- C) Outline the anesthetic techniques that can be used for excision of pheochromocytoma (Preinduction Anesthetic induction ,Monitoring,) justify your answer. (15marks)

2- An 20 years old G2P1 patient presents for repeat cesarean section. She is 150 cm tall and underwent a previously uneventful primary section. Shortly after the administration of spinal anesthesia. The patient tells you that she is nuseated, short of breath and her hands are tingling. Her blood pressure is 80/40 and her heart rate is 48 bpm.

- A) What is your diagnosis, and how to manage? (10marks)
- B) Why the pregnant female more susceptible to develop this condition? (10marks)
- C) What are the factors affecting the level of the spinal block? (10marks)
- D) within few minutes the patient becomes unresponsive, profoundly hypertensive, and apneic. What is the appropriate management? (10marks)
- E) Can you explain why you make left uterine displacement and how can you make? (10marks)

3- Laparoscopic surgery become the gold standard of different types of surgeries and consequently carries a special importance for anesthetist. Describe assessment of a 43-year-old man with liver cirrhosis in anesthesia clinic, scheduled for laparoscopic cholecystectomy for gall bladder stone causing resistant biliary colic.(15marks). Outline the anesthetic techniques that can be used in laparoscopic surgery. (15marks)

4-Discuss risk management of intraoperative bronchospasm in asthmatic patient undergoing laparoscopic gastric sleeve surgery. (15marks)

5 - What is TURP syndrome, and how would you can mange? (15marks)

6-What are the concerns for prone positioning in Spine surgery? (15marks)

7- A 3 years old child presents for tonsillectomy. His mother states that he snores heavily. Currently he has a dry cough and clear rhinorrhea. Further medical history is otherwise unremarkable. Clinical examination reveals that he is a febrile and his chest is clear. CBC is normal. Would you proceed with surgery or postpone it? How would you manage early postoperative somnolence and low SpO₂ in this sitting? (15marks)

.GOOD LUCK.

Tanta University ----- Internal Medicine Exam

Faculty Of Medicine ----- Master of Internal Medicine

Time Allowed: 3 hours ----- 28/10/2020



Paper I

Give short account of: (60 Marks)

- 1- Motility disorders of the gut. (10 Marks)
- 2- Sclerosing cholangitis. (10 Marks)
- 3-New lines of therapy for DM (10 Marks)
- 4-Treatment of hyperthyroidism during pregnancy (10 Marks)
- 5-Investigations for diagnosis of covid 19 (10 Marks)
- 6-Refractory heart failure (10 Marks)

Good Luck