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Nephrology	Surgery
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MCQs

80,000+ MCQs
21 Specialities

Multiple Choice Questions modules for Self-evaluation. MCQs can be used by students to revise the syllabus before examinations, trainees looking for postgraduate studies, and academicians formulating tests.

Question 43

A 60-year-old woman is being investigated prior to possible hip replacement for osteoarthritis. She has fairly well-controlled multiple myeloma, although she has increased circulating myeloma proteins. During her assessment she appears very tense, is hyperventilating and then develops carpal spasm. However, a plasma calcium measurement taken at this time is normal. Which of the following is the most likely to have caused her spasms?

- Non-specific muscle cramps
- Respiratory acidosis combined with hyperproteinaemia
- Respiratory acidosis combined with hypoproteinaemia
- Respiratory alkalosis combined with hyperproteinaemia
- Respiratory alkalosis combined with hypoproteinaemia

Previous Next

End Exam

Colour Legend:

- Attempted
- Unattempted
- Skipped

Your Dashboard

198:09



Countdown timer and dashboard to monitor the progress of the on going test

RESULT for [Speciality : Surgery]



Result page shows comprehensive report of the test given by the user. The tests are saved in "My Account" tab of the user for future reference

Answers Detail

Question 1

Morton neuroma is due to chronic compression of the plantar digital nerve between the intermetatarsal ligament and the metatarsal heads. It is commonly present in which one of the following locations?

- a. Between first and second metatarsal
- b. Between second and third metatarsal
- c. Between third and fourth metatarsal
- d. Between fourth and fifth metatarsal

Correct Answer: C

Your Answer: B

Details

Answer keys to the questions are provided with links to explanation at the end of Mock test

CONTENTS

- Preliminary Pages
- 1: General Principles
- 2: Aesthetic Surgery
- 3: Head and Neck
- 4: Craniofacial and Cleft
- 5: Onco-Plastic Surgery
- 6: Trunk And Lower Extremity
- 7: Upper Limb
- 8: Recent Advances

- 111. The correct response is B. Polymethyl methacrylate (PMMA) is a biocompatible, inert, rigid polymer. The liquid monomeric methyl methacrylate is combined with powdered methyl methacrylate polymer granules at the time of surgical application. The mixture assumes mouldable consistency and can be tailored to fit the defect. The other materials are stable implants and do not exist in liquid form. Reference: 1. Breitbart AS, Ablaza VJ. Implant materials, In Aston SJ, Beasley RW, Thorne CHM, eds: Grabb and Smith's Plastic Surgery, 5th ed. Philadelphia, Lippincott-Raven, 1997: 39-46. 2. Sevin KA, Saray A, Yormauk E. Exposure of high-density porous polyethylene (Medpor) used for contour restoration and treatment. Br J Oral Maxillofac Surg 2000; 38: 44.
- 112. The correct response is C. Vicryl has the fastest absorption rate of 40-70 days amongst the sutures listed. Catgut absorbs in ~90 days, PDS in 90 days - 6 months and monocryl and maxion absorb in 90-120 days. Reference: 1. Casey D, Lewis OG. Absorbable and nonabsorbable sutures. In Von Recum AF, ed: Handbook of Biomaterials Evaluation: Scientific, Technical, and Clinical Testing of Implant Materials. New York, MacMillan, 1986: 86-94. 2. Reiter D. Methods and materials for wound closure. Otolaryngol Clin North Am 1995; 28: 1069.
- 113. The correct response is C. Nylon is a polyamide and comes under various trade names as surgilon, ethilon, dermalon etc. It is available as a braided, monofilament or as a sheath. It has a break strength of 460-710 MPa and an elongation to break percentage ranging from 17- 65. Reference: 1. Casey D, Lewis OG. Absorbable and nonabsorbable sutures. In Von Recum AF, ed: Handbook of Biomaterials Evaluation: Scientific, Technical, and Clinical Testing of Implant Materials. New York, MacMillan, 1986: 86-94. 2. Reiter D. Methods and materials for wound closure. Otolaryngol Clin North Am 1995; 28: 1069.
- 114. The correct response is D. Prolene has a monofilament structure and is able to resist infection better. Multifilament / braided sutures run higher risk of infection but are also susceptible to failure by shear forces. The monofilament suture however can be damaged and weakened by crushing forceps and other instruments.



Social media sharing

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Dr Corson John D
The University of New Mexico
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User Experience

It seems to me an excellent tool to support teachers in the development of assessments, the Campus for the standardization between teachers and students to train their response capacities in institutional and out-of-university evaluations.

By Dr Marcela Graciela Gonzalez de Cossio, Director, Department of Medicine, Universidad De Valle De Mexico, Main Campus, Mexico DF

I believe that the presence of topics, such as "Medical Statistics", "Medical Technology in Laboratory" and "Clinical Research" adds to the advantage of this medical database in comparison with others, because these subjects are still pending and to be incorporated into the training of health professionals.

By Dr Salvador Daniel Rivas Carrillo, Researcher, Department of Medical Biochemistry and Microbiology, Genomics, Uppsala Universitet, Sweden



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