

SURGERY MCQ collections

1. Different types of antibiotic resistance genes found in the environment, for example but not limited to, include the following:

- (a) **genes that encode antibiotic permeability**
- (b) **genes that encode antibiotic inactivation**
- (c) **genes that encode antibiotic resistance**
- (d) **genes that encode antibiotic production**

2. Bacteria can become **resistant** to a specific **antibiotic** because **genes** from the **environment** are transferred to the **bacteria** via the **horizontal gene transfer**. Horizontal gene transfer is a **process** that involves the transfer of **genes** between **microorganisms**.

- (a) **horizontal gene transfer only occurs in prokaryotes**
- (b) **horizontal gene transfer only occurs in eukaryotes**
- (c) **horizontal gene transfer only occurs in viruses**
- (d) **horizontal gene transfer occurs in bacteria**

3. Most investigations to determine the antibiotic resistance in:

- (a) **viruses**
- (b) **fungi**
- (c) **microorganisms**
- (d) **prokaryotes**

4. Methods of the following **bacterial** resistance detection:

- (a) **agglutination**
- (b) **antibiotic resistance**
- (c) **antimicrobial resistance**
- (d) **antimicrobial susceptibility**

5. All bacteria and **viruses** contain **antibiotic resistance genes** that change with **exposure** to **antibiotics**, as does **fungi** and **protozoa**. These include:

- (a) **multiple antibiotic resistance**
- (b) **multiple antibiotic resistance**
- (c) **multiple antibiotic resistance**
- (d) **multiple antibiotic resistance**

6. **Antimicrobial resistance** is defined as the ability of **pathogens** to **survive** and **proliferate** in the presence of **antimicrobials**. Which of the following statements is **false**?

- (a) **Antimicrobial resistance genes are often found in plasmids and can transfer to other bacteria via horizontal gene transfer**
- (b) **Most mechanisms of resistance target enzymes that convert antibiotics to inactive metabolites**
- (c) **Pathogenic *Escherichia coli* were found to encode multiple resistance genes**
- (d) **Antimicrobial resistance genes are found in *Escherichia coli* in patients who are diagnosed with antibiotic resistance**
- (e) **It is possible for antibiotic resistance genes to be transferred between different microorganisms**

7. **mutation** is the **most important** **contributing factor** to the **development** of an **antibiotic resistance** gene.

- (a) **mutation**
- (b) **multiple antibiotic resistance**
- (c) **proliferation**
- (d) **gene mutation**
- (e) **horizontal gene transfer**

8. **Antibiotic resistance** is **genetic** and **can be transferred**, what is the **next step** in management?

- (a) **Antibiotic resistance genes**
- (b) **Antibiotic resistance genes**
- (c) **Antibiotic resistance genes**
- (d) **Antibiotic resistance genes**
- (e) **Antibiotic resistance genes**

1. **For an amalgam restoration of weakened teeth you should**

- Reduce cusps by 1mm on a flat base for more resistance
- Reduce cusps by 2mm following the outline of the cusp
- Reduce 2mm for retention form

2. **Before filling a class V occlusion cavity with GIC you should**

- Clean with pumice, rubber cup, water and soap and
- dry the cavity thoroughly before placing anything
- Acid etch cavity then dry thoroughly

3. **Which of the following statement about the defective margin of amalgam restoration is true?**

- The larger the fissure, the greater the chance of leak

4. **The retainer Pin in an amalgam restoration should be placed**

- Parallel to the occlusal wall
- Parallel to the long axis of tooth

5. **The most common cause of failure of the DSC "Dentin Bonded Resin" is**

- Dehydrating too long
- Dehydrating too right

6. **Which one of the following are not used in water fluoridation**

- Fluoride
- 1,2,3,4,5,6,7
- Fluoride
- Calcium
- theophylline Theophylline

7. **The best way to clean cavity before the placement of GIC is**

- Hydro
- Phosphorous acid
- Phosphoric acid

WCO in general surgery

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REFERENCES

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Warner F. Bowers

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Surgery MCQs and EMQs R. W. Parks,T. Diamond,2003-01-07 *Surgery MCQs and Vivas* is designed as a companion to Fundamentals of Surgical Practice by Aljafri Majid and Andrew Kingsnorth and is split into two main sections multiple choice questions and viva topics reflecting the structure of two of the key components of many postgraduate surgical examinations worldwide including the MRCS and AFRCSEd The MCQ and viva questions provided are typical of those that will appear in the MRCS examination and answers along with detailed explanatory notes are provided throughout Each of the two sections is further subdivided into sub sections reflecting the topics covered in Fundamentals of Surgical Practice and the model answers in all cases are cross referenced to the relevant sections of this comprehensive text to enhance the learning experience for the reader who can instantly get detailed information on a topic of interest *Multiple Choice Questions in General Surgery* Kefah M. Mokbel,1997 In late 1996 the format of the examinations for surgical trainees in the UK will change The existing FRCS diploma examination will be replaced by a new MRCS Membership of the Royal College of Surgeons qualification These changes will be phased in over a period of time The first major change will be in the existing Part I Applied Basic Sciences examination which will now consist of two MCQ papers covering both basic and clinical aspects of surgery

MCQs and EMQs in Surgery: A Bailey & Love Companion Guide Christopher Bulstrode,B.V.

Praveen,2010-07-30 With over 1000 questions MCQs and EMQs in Surgery is the ideal self assessment companion guide to Bailey Love s Short Practice in Surgery The book assists readers in their preparation for examinations and to test their knowledge of the principles and practice of surgery as outlined within Bailey Love Sub divided into 13 subject s

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for Surgical Finals Philip Stather,Helen Cheshire,2022-03-09 A complete guide to passing your surgical finals This comprehensive new guide tests your knowledge of general surgery upper GI lower GI vascular urology trauma and orthopaedics breast surgery paediatric surgery otolaryngology plastic surgery maxillofacial surgery cardiothoracic surgery and neurosurgery using a variety of question types *MCQS AND EMQS IN SURGERY* CHRISTOPHER. BULSTRODE,2017

MCQs and EMQs in Surgery CHRISTOPHER. BULSTRODE,2017-09-30 *MCQs and Short Answer Questions for Surgery* Joe Tjandra,1999-03-12 This text has been designed as a supplement to the Textbook of Surgery to assist readers in their preparation for examinations and to test their knowledge of the principles and practice of surgery There are two types of Multiple Choice Questions Type A and Type X Type A have a single best response from five alternatives and are designed to test judgmental ability Type X questions contain a stem with suggested answers that are either true or false and are designed to test factual knowledge and its application The text is set out in three sections the first containing Type A questions the second containing Type X questions and the third containing short answer questions that emphasize clinical management problems In each section the questions are presented in the sequence used in Textbook of Surgery The number of questions for each general topic relate to the relative importance ascribed to each topic in order to provide balance The

answers are accompanied by a reference to the chapter s in the Textbook of Surgery where the information required to answer the specific question is presented **Multiple Choice Questions in Surgery** Peter G. Devitt, Randolph S. Williams, 1990-01-01 Presents over 400 questions related to general surgery for students studying for surgical examinations Includes analysis of most common types of multiple choice questions in examinations and explains useful approaches to each type The end chapter is in examination format for the student s self assessment The authors lecture in surgery at the University of Adelaide *Get Through Intercollegiate MRCS Parts 1 and 2: MCQs and EMQs* Simon Overstall, Giles Cunnick, Kefah Mokbel, 2004-12-08 Get Through Intercollegiate MRCS Parts 1 and 2 MCQs and EMQs has been written by experienced surgeons and features four practice papers two covering each part of the examination All questions have been modelled on actual exam questions so that they accurately reflect the style and level of difficulty Detailed explanations are given in the answers to help candidates use the book as a revision aid as well as a self test book All surgical trainees preparing to sit the two parts of the MRCS examination will find this book an invaluable aid to their revision as well as keen medical students with an interest in surgery as a future career

Multiple Choice Questions on 'Lecture Notes on General Surgery' Peter Robert Fleming, John Fisher Stokes, 1980 **MRCS** P Sylvester, L Wijesinghe, R Selway, 1997-03-17

A multiple choice question book aimed at candidates sitting the new Clinical Surgery in General CSiG section of the MRCS examination This new book comes from two of the authors of the successful FRCS MCQs in Applied Basic Sciences In response to the changes in the FRCS examination the authors will be including MCQs and incorporating questions on some of the newer syllabus subjects such as audit research and ethics MRCS MCQs for the Surgical Membership will contain approximately 300 questions and answers as well as a specimen paper

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Multiple Choice Questions and Rapid Revision of Surgery Ahmed El-Bishry, Amr Mohsen, 2015-01-01 We realize the need of students for additional sources of multiple choice questions We also appreciate their need for a quick revision before sitting for examinations This is why we put together this book Multiple Choice Questions and Rapid Revision of Surgery It contains more than 756 questions all of them have explanatory answers Key facts to remember are included at the ends of selected chapters We hope the book will be of value for undergraduate as well as postgraduate students It therefore contains questions of different grades of difficulty This book is by no means a substitute for classic textbooks We however encourage students to go through all questions more than once in order to consolidate their surgical knowledge and to cultivate the state of mind that prepares them for the examinations

Multiple Choice Questions and Rapid Revision of Surgery Ahmed El-Bishry, 2011 **1001 Multiple Choice Questions and Answers in**

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