



CONTENTS

IN THIS ISSUE	1439
----------------------------	------

EDITORIAL

Knowledge driven pharmacotherapy in neonates. <i>A perinatal research agenda is needed</i> KAREL ALLEGAERT	1441
--	------

REVIEW ARTICLES

Rheumatoid arthritis in Saudi Arabia HANI M. ALMOALLIM, LAILA A. ALHARBI	1442
--	------

Zoonoses in the Arabian Peninsula ULRICH WERNERY	1455
--	------

ARTICLES

Effects of stem cell therapy on dilated cardiomyopathy R. JIAO, Y. LIU, W. JIAN YANG, X. ZHU, J. LI, QI. TANG	1463
---	------

Dyslipidemia and serum mineral profiles in patients with thyroid disorders ABDELGAYOUM A. ABDEL-GAYOUM	1469
--	------

Screening for urine abnormalities among preschool children in western Saudi Arabia ABDULLA A. ALHARTHI, AZZA A. TAHA, AWATIF E. EDREES, ALI N. ELNAWAWY, AZZA H. ABDELRAHMAN	1477
---	------

Production of recombinant streptokinase from <i>Streptococcus Pyogenes</i> isolate and its potential for thrombolytic therapy ABDULLAH S. ASSIRI, BASIOUNY A. EL-GAMAL, ELSAYED E. HAFEZ, MOHAMED A. HAIDARA	1482
--	------

Histopathological features of breast cancer in Al-Madinah region of Saudi Arabia ABDULKADER ALBASRI, AKBAR S. HUSSAINY, IBRAHIM SUNDKJI, AHMED ALHUJAILY	1489
--	------

Stereological studies of the effects of sodium benzoate or ascorbic acid on rats' cerebellum ALI NOORAFSHAN, MAHBOOBEH ERFANIZADEH, SAIED KARBALAY-DOUST	1494
--	------

Molecular mechanisms of anti-hyperglycemic effects of <i>Costus speciosus</i> extract in streptozotocin-induced diabetic rats HAYTHAM A. ALI, OMAR A. ALMAGHRABI, MOHAMED E. AFIFI	1501
--	------

CASE REPORTS

Pediatric air gun shot injury UBAID U. KHAN, NAGLAA M. KAMAL, SHAZIA J. MIRZA, LAILA M. SHERIEF	1507
---	------



Ventricular tachycardia an atypical presentation of Ebstein's disease GABRIEL E. BAZTARRICA, GASTÓN G. SERENO, SEBASTIÁN A. VILLECCO, RAFAEL PORCILE	1510
---	------

BRIEF COMMUNICATION

Patients' perception toward various dental treatments provided in the internship program A. S. ARREJAIE, A. M. NAWASRAH, S. Q. KHAN, F. A. FAROOQI, R. SOMALI, W. F. AL-MUDANI	1513
---	------

Profile of benign breast diseases in western Saudi Arabia. <i>An 8-year histopathological review of 603 cases</i> ABDULKADER M. ALBASRI	1517
--	------

CLINICAL IMAGE

Adolescent presenting with bilateral neck and shoulder pain SHUAI HAN, XUAN XIN, ZHIPENG WU, JIANRU XIAO	1521
---	------

SPECIAL COMMUNICATION

Saudi Oncology Society clinical management guidelines development SHOUKI N. BAZARBASHI	1524
---	------

Saudi Oncology Society clinical management guideline series. <i>Anal canal cancer 2014</i> S. N. BAZARBASHI, A. M. ALZHRANI, M. M. RAHAL, A. S. AL-SHEHRI, A. H. ALJUBRAN, N. A. ALSANEA, O. A. AL-OBEED, M. S. KANDIL, J. E. ZEKRI, A. A. AL OLAYAN, A. A. ALSHARM, K. S. BALARAJ	1527
---	------

Saudi Oncology Society clinical management guideline series. <i>Gastric cancer 2014</i> M. S. KANDIL, S. N. BAZARBASHI, M. M. RAHAL, A. S. AL-SHEHRI, A. M. ALZHRANI, A. H. ALJUBRAN, J. E. ZEKRI, A. A. AL OLAYAN, A. A. ALSHARM, N. M. YAMANI, I. S. ALOMARY, M. A. FAGIH	1529
--	------

Saudi Oncology Society clinical management guideline series. <i>Pancreatic cancer 2014</i> M. M. RAHAL, S. N. BAZARBASHI, M. S. KANDIL, A. S. AL-SHEHRI, A. M. ALZHRANI, A. H. ALJUBRAN, J. E. ZEKRI, A. A. AL OLAYAN, A. A. ALSHARM, M. A. KABBANI, M. A. FAGIH	1534
--	------

Saudi Oncology Society clinical management guideline series. <i>Colorectal cancer 2014</i> S. N. BAZARBASHI, A. M. ALZHRANI, M. M. RAHAL, A. S. AL-SHEHRI, A. H. ALJUBRAN, N. A. ALSANEA, O. A. AL-OBEED, M. S. KANDIL, J. E. ZEKRI, A. A. AL OLAYAN, A. A. ALSHARM, K. S. BALARAJ, M. A. FAGIH	1538
--	------

Saudi Oncology Society clinical management guideline series. <i>Esophageal cancer 2014</i> A. M. ALZHRANI, S. N. BAZARBASHI, M. M. RAHAL, A. S. AL-SHEHRI, A. H. ALJUBRAN, M. S. KANDIL, J. E. ZEKRI, A. A. AL OLAYAN, A. A. ALSHARM, N. M. YAMANI, I. S. ALOMARY, M. A. FAGIH	1545
---	------



BOOK REVIEW

Rotator cuff disorders. <i>Basic science and clinical medicine</i> FAHDAH ALOKAILY	1550
---	------

MULTIPLE CHOICE QUESTIONS SECTION	1551
--	------

THE COCHRANE LIBRARY NEWSALERT

Expectant mothers with epilepsy face tough choices over their medication	1552
--	------

Timing of epidural is up to the mother	1553
--	------

WHO NEWS RELEASE

WHO statement on the third meeting of the International Health Regulations Emergency Committee regarding the international spread of wild poliovirus	1555
--	------

WHO updates personal protective equipment guidelines for Ebola response	1557
---	------

Symposia & Conferences	1559
---	------

Appointments	1560
---------------------------	------

Instructions to Authors	1562
--------------------------------------	------

Answers to MCQ	1567
-----------------------------	------

Indexes for January - December 2014

Table of Contents Index - Volume 35	January - December 2014	A1
Authors Index - Volume 35	January - December 2014	A32
Subject Index - Volume 35	January - December 2014	A40
Errata Index - Volume 35	January - December 2014	A57