

**EDITORIAL**

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**Achieving clinical competence: An overview**  
Ali I. Al-Haqwi, Henk T. van der Molen

**REVIEW ARTICLE**

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**An overview of various labeled assays (Immune and non-Immune) used in Medical Laboratory Diagnosis**  
Mohammad Ayman A. Safi

**ARTICLES**

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**Physical activity profile among patients attending Family Medicine Clinics at Taif Armed Forces Hospital**  
Hani A. AboZaid, Fayssal M. Farahat

**The experience of two large medical centers in the Western Province of Saudi Arabia**  
Rana YM Bokhary, Jaudah A. Al-Maghrabi

**Global hospital bed utilization crisis: a different approach at King Abdulaziz Medical City**  
Abdelkarim Waness, Jalal Uddin Akbar, Mubashar Kharal, Salih Bin Salih, Mohammed Harakati

**Association of cell blood counts and cardio-metabolic risk factors among young obese children**  
Roya Kelishadi, Mahin Hashemipour, Parastou Ashtijou, Parisa Mirmoghtadaee, Parinaz Poursafa, Noushin Khavarian, Shohreh Ghatrehsamani

**Protective effects of etanercept and methylprednisolone on pancreatic damage in cerulean-induced acute pancreatitis**  
Erol kilic, Ramazan Amanvermez, Mehmet Kefeli, Cafer Polat, Murat Gunay

**Association of electrocardiographic changes with severity of coronary artery disease and short term outcome in patients with non-ST-segment elevation acute coronary syndromes**  
Samad Ghaffari, Ahmad separham, Leili Pourafkari

**Incidence trends of childhood type 1 diabetes in a subpopulation in Saudi Arabia from 1990 to 2007**  
Mohammad A. Abduljabbar, Jamal M. Aljubeih, Antony Amalraj, Mathew P. Cherian

**Beliefs of subfertile Saudi women**  
Dania H. Al-Jaroudi

**Intraoperative and early postoperative complications of LASIK in Yemen**  
Mahfouth A. Bamashmus, Mohamed A. Awadalla, Mahmoud F. Saleh, Mohamed A. El-Shekeil

**Biphasic modulation of cocaine-induced conditioned place preference through inhibition of histone acetyltransferases and histone deacetylases**  
Bin Hui, Wei Wang, Jing Li

**Silencing of annexin II gene down-regulates the levels of s100a10, c-Myc, plasmin and inhibites breast cancer cells proliferation and invasion**

Jian Zhang, Bianqin Guo, Yan Zhang, Ju Cao, Tingmei Chen

**In vivo characterization of Streptococcus pneumoniae genes involved in the pathogenesis of meningitis by differential fluorescence induction**

Wen-Chun Xu, Xue-Mei Zhang, Jiang-Ping Meng, Kai-Feng Wu, Hong Wang, Qing Zhao, Nan Li, Fang Cui, Xing-Hua Zhu, Ju Cao, Cao-Zhong Shu, You-Lan Shan, Yi-Bing Yin

**Hepatic oval cells activated by hepatocyte apoptosis in diethylnitrosamine-induced rat liver cirrhosis**

XiMing Xu, GuangJin Yuan, JunJian Deng, YaoGui Wu, Wei Ge, QiBing Song

## CASE REPORTS

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**Magnetic toys ingestion leading to Jejuno-cecal fistula in a child**

Ali M. Ahmed, Mohamed H. Hassab, Abdulrahman A. Al-Hussaini, Tariq I. AlTokhais

**Ruptured spontaneous heterotopic pregnancy**

Khurram A. Bhatti, Zainab H. Babay, Salwa M. Neyazi

**Intracardiac pacemaker leads brucella endocarditis**

Fahad M. Al-Majid

## BRIEF COMMUNICATIONS

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**Molecular epidemiology of acinetobacter baumannii-acinetobacter calcoaceticus complex isolated from clinical specimens at an intensive care unit**

Ugur Dinc, Gulcin Bayramoglu, Kurtulus Buruk, Hulya Ulusoy, Ilknur Tosun, Nese Kaklikkaya

**Research in medical education is not just about telling a story**

Samy A. Azer

## CLINICAL NOTE

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**Painful ejaculation: something fishy**

Subramanian Senthilkumaran, Namasivayam Balamurgan, Ponuswamy Suresh, Ponniah Thirumalaikolundusubramanian

## CORRESPONDENCE

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**Role of intravenous extra fluid therapy in icteric neonates receiving phototherapy**

Mahmood D. Al-Mendalawi

*Reply: Farhad Heydarian*

**Smoking in Saudi Arabia: Some constructive comments**

Abdullah Al-Bedah

*Reply: M. Bassiony*

**Severe community-acquired infection caused by methicillin-resistant staphylococcus aureus in Saudi Arabian children**

Mahmood D. Mendalawi

*Reply: E. Bukhri*