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***AJMSC*, Vol. 4, January 2019, Issue No. 1:**

- Alaa Abdelaziz and Mohammed Nafi. The Frequency Rate of *vanB* Gene among Vancomycin-resistant Enterococci isolated from Different Clinical Specimens in Khartoum (Sudan).
- Ayman I. Fadl and Ageeb M. Hassan. Detection of Carcino-embryonic Antigen Expression among Sudanese Women with Invasive Ductal Carcinoma of the Breast in Bahri Teaching Hospital.
- Dina Oshaik, Mohammed Ridha , Abd El Karim A. Abdrabo. Role of Anti-Müllerian Hormone in Diagnosis and Follow up of Patients with Polycystic Ovarian Syndrome.
- El Farazdag A. Hassan and Abd El Karim A. Abdrabo. The Analytical Performances of Four *HbA1c* Measurement Techniques among Diabetes Mellitus Patients attending Fedhail Hospital (Khartoum).
- Nagham B. Ahmed, Suhair A. Ahmed, Omaira A. Ahmed. Association of Vitamin D₃ Inadequacy with *Helicobacter pylori* Infection among Sudanese Patients attending Omdurman Teaching Hospital.

***AJMSC*, Vol. 4, February 2019, Issue No. 2:**

- Eshraga S. Alhaj, Al Fadhil A. Omer, Wafa I. Alhaj, Nawal Taj Alsir. Molecular Detection of *Mycoplasma genitalium* and *Chlamydia trachomatis* infections among Pyuria Patients attending Urology Clinics in Khartoum State.
- Layla E. El Mahadi, Suhair A. Ahmed, Omaira A. Ahmed. Assessment of Serum Calcium, Phosphorus and Alkaline Phosphatase Concentrations among Patients attending Omdurman Teaching Hospital with *Helicobacter pylori* Infection.
- Malaz A. Abd Al Rahim, Suhair A. Ahmed, Omaira A. Ahmed. Assessment of Thyroid Hormones among Sudanese Patients attending Omdurman Teaching Hospital with *Helicobacter pylori* Infection.
- Nihad E. Mohammed, Suhair A. Ahmed, Omaira A. Ahmed. Assessment of Serum Total Cholesterol, High-Density Lipoprotein, and Low-Density Lipoprotein Concentrations among Sudanese Patients with *Helicobacter pylori* Infection attending Omdurman Teaching Hospital.
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- Ahmed A. Ali and Mahdi H. Abdalla. Prevalence Rate of Glucose-6-Phosphate Dehydrogenase Deficiency among Malaria Patients in Northern Rural Khartoum (Sudan).

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- Atfa B. Aisa and Azza A. Abbas. Assessment of Nurses' Knowledge regarding Preterm Infant Feeding Skills at Khartoum Teaching Hospital (Sudan).
- Eshraga S. Alhaj, Al Fadhil A. Omer, Wafa I. Alhaj. Molecular Detection of *Chlamydia trachomatis* Infection among Pyuria Patients attending Urology Clinics in Khartoum State.
- May M. Ali, El Shazali W. Ali, Hisham N. Altayb, Kawthar A. Mohammed, Babiker A. Mohammed. Genetic Polymorphisms of Cytochrome P450 2E1 (C1053T) and Risk of Acute Lymphoblastic Leukemia among Sudanese Population.
- Samar M. Saeed, Humodi A. Saeed, Kwather A. Salih, Wafa I. AL Haj, Hind H. Ahmed. Frequency Rate and Sensitivity Pattern of Fungal Pathogens associated with Chronic Pulmonary Infections among Patients attending Al Shaab Teaching Hospital, Khartoum, Sudan.

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- Omar B. Ahmed. Phenotypic Characterization of Urinary Isolates Expressing an Extended-Spectrum β -lactamase.
- Habab M. Nemery. Phenotypic Characterization of Vaginal Candidiasis in Sudanese Pregnant Women.
- Hajer A. Idrees, Al Fadhil A. Omer, Waggas A. Elaas. Detection of Serological and Molecular Markers of Hepatitis B virus among High-Risk Sudanese Population.
- Mariam M. El Nageeb and Tayseer A. Al Hassan. Evaluation of Variations in Blood Pressure Readings between Mercury and Aneroid Sphygmomanometer Devices at Al Hamdab High Secondary School (Northern State, Sudan).
- Al Fadhil A. Omer. History of Medical Bacteriology in Sudan (III).

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- Khalid Salman and Khalid A Enan. Detection of Human Parvovirus B19 among Sickle Cell Anemia Patients in Khartoum (Sudan).
- Lmya E. El Hadi, Shireen A. Mohammed, Atfa B. Aisa. Assessment of Mother's Nutritional knowledge on Behavior of School-Age Child in Shendi Town (Sudan).
- Al Fadhil A. Omer. History of Medical Virology and Mycology in Sudan.
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- Ashley Franks. Bacteria Eating and Breathing Electricity.
- Nedal A Mergani, Marwa M. Ahmed, Wafa A Abd Alrheem, Elamin M. Ibrahim. Impact of Herpes Simplex Virus Type 2 on Sperm Concentration and Sperm Motility among

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Infertile Sudanese Males.

- Susan A. Shareef. Detection of *Clostridium difficile* by Cultural and Gas Liquid Chromatography Techniques among Diarrheic Children in Khartoum (Sudan).
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- Hayat A. Fadul and Ageeb M. Hasan. Immunohistochemical Expression of Vascular Endothelial Growth Factor in Renal Cell Carcinoma.
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- Shireen Z. Nimer, El Shazali W. Ali, Hiba Khalil. Fetal Hemoglobin and Disease Severity in Sudanese Sickle Cell Anaemia Patients.
- Wafaa O. Elhaj and Mahdi H. Abdalla. Determination of Antithrombin III Activity in Sudanese Nephrotic Syndrome Patients.
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- Sara A. Khalafalla and Alya A. Salman. Determination of Prothrombin Time, Activated Partial Thromboplastin Time, and D-Dimer among Patients with Acute Leukemia in Khartoum State (Sudan).
- Mark Stibich. Health Problems Linked to Vitamin D Deficiency.
- Salma A. Rahma and Al Fadhil A. Omer. Phenotypic Detection of Carbapenemase Antibiotics Resistance in *Pseudomonas aeruginosa*.
- Salwa H. Mohammed, Salah Eldein G. Elzaki, Nasr Aldeen M. Abaker, Huda A. Altyeb, Hala R. Mohammed, Musa A. Ali. Prevalence Rate of SEN-Virus Infection among Blood Donors attending Nyala Teaching Hospital (Sudan).
- Shima S. Ahmed and Mahdi H. Abdalla. Determination of Antithrombin III Level among Sudanese Coronary Artery Disease Patients.

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- Ahmed Mohammedin. Previous Published Articles of AJMSC, Vol. 1, 2016.
- Al Fadhil A. Omer. Automation in Medical Microbiology.
- Ommieya I. Salih, Ahmed O. Hashim, Nadir M. Khalil. Sero-Detection of Rubella Antibodies among Women with Spontaneous Recurrent Miscarriage in Gezira State (Sudan): Case Control Study.

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- Salma A. Rahma and Al Fadhil A. Omer. Molecular Characterization of Carbapenemase-producing *Pseudomonas aeruginosa* Strains isolated from Hospitalized Patients in Khartoum (Sudan).
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- Sara M. Abd Al Rahman and Wafa I. El Hag. Seroprevalence Rate of Cytomegalovirus among Pregnant Women attending Giad Specialist Hospital (Sudan).
- Talha M. Khairalla and Elshazali W. Ali. Iron Deficiency Anaemia among School Children presenting with Urinary Schistosomiasis.

AJMSC, Vol. 4, November 2019, Issue No. 11:

- Afra H. Ali and Al Fadhil A. Omer. Risk Factors Affecting Pulmonary Tuberculosis among Sudanese Patients
- Ahmed Mohammedin. Previous Published Articles of *AJMSC*, Vol. 3, 2018.
- Nader T. Siraj El Din. Microbiological Quality of Bottled Drinking Water distributed in Khartoum State
- Al Fadhil A. Omer. The Application of Platelet-Rich Plasma Injection in Genito-urinary Medicine.
- Safaa A. Mohammed and Al Fadhil A. Omer. Assessment of Antimicrobial Activity of Methanolic Extract of Lemon Peels against Clinical Bacterial Isolates

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- Ahmed Mohammedin. Previous Published Articles of *AJMSC*. Vol. 4, 2019.
- Marwan Alhalabi. Predictive Value of Serum Inhibin-B Levels as an Indicator of the Presence of Testicular Spermatozoa in Non-Obstructive Azoospermia
- Amel S. Mohamed, Isam M. Elkhidir, Khalid A Enan, Huda A. Mohamed. Detection of Norovirus RNA among Hospitalized Children with Acute Gastroenteritis in Gazeera State, Sudan.
- Huda M. El Amin, Hadeel I. Mohammed, Wafa I. Elhag. Seroprevalence Rate of Hepatitis B Virus among Type 2 Diabetes Mellitus Patients in Northern State (Sudan).
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