

Abdalla S. S. Awidi

CURRICULUM VITAE

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PERSONAL DATA

Place of Birth: Wadi Sir, Amman – Jordan
Nationality : Jordanian
Languages : Arabic, English, Spanish
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UNIVERSITY EDUCATION

Valencia School of Medicine, Spain, 1967 – 1973

CERTIFICATION

Diploma in Medicine and Surgery – Valencia, Spain – July 1973
M.R.C.P. (U.K.) – July, 1977
Medical Education Diploma, W.H.O. – November, 1980
FRCP (ED), July 1987
FRCP (GLAS), August, 1987
FRCP (LOND), April, 1992
FRCPPath, August.2015

AWARDS

- Jordan State Appreciation Award, Nov, 2014 for achievement in the field of Hematology and Oncology research and patient care
 - The best scientific published research award from the fund for scientific research of the MHE, 2012
- Pioneer in hematology in Jordan, Jordanian Medical association, June 2012
- Numerous professional awards from the Jordanian Medical association and public hospitals
- Distinguished scientific research award from University of Jordan-2009.
- Exceptional promotion to the position of Professor by the University of Jordan for distinguished academic performance – 1988.
- Jordanian Medical Association Award for distinguished medical accomplishments – July, 1987

- A.H. Shuman for Young Arab Scientists – March, 1986

CURRENT POSITION

- Founder, President and Director Of Cell Therapy Center (CTC), University of Jordan from 2008 - present
- The president of the board of trustees of the Jordan University for Science and Technology (JUST)2011-2014
- Professor of medicine, Hematology& Oncology
Jordan University, Amman, Jordan
- Chief and senior consultant of Hematology & Oncology
Jordan University Hospital, Amman, Jordan, 2001 until now.

Dec 2001-until now

ACADEMIC AND ADMINISTRATIVE POSITIONS

President, Balqa Applied University, Salt, Jordan
Sept 2001-Dec 2001

Medical Director, Hamad Medical Corporation – Doha, Qatar
March 1998 – July 2001

Professor of Medicine, Hematology & Oncology (Part Time) – Jordan University 1995 – 1998

Consultant in Hematology and Oncology, Private Practice “part time”,
Summer 1996 – 1998.

President of the Applied Science University (private) - Amman, Jordan
October 1994 till June 1995.

Medical Director, Hamad Medical Corporation – Doha, Qatar
August 1990 – November 1992.

Professor of Medicine and Hematology & Oncology – Jordan University
April 1998 – September 1993.

Chairman, Department of Internal Medicine – Jordan University
July 1985 – August 1990.

Head of Bone Marrow Transplantation Team (JUH)
April 1987 – August 1990. 2001-until now.

Associate Professor of Medicine – Jordan University
February 1984 – April 1988.

Assistant Professor of Medicine – Jordan University
January 1980 – February 1984.

Consultant Physician and Clinical Hematologist&Oncologist – Jordan University Hospital, Jordan University, January 1980 – August 1990.

MEMBERSHIPS AND COMMITTEES

- Member of the Internal Medicine Society, Jordan
- Member of the Cancer Society, Jordan
- Member of the National Task Force for the establishment of the National Cancer Center in Jordan – 1983 - 1998.
- Head of the Drug Committee, Jordan University Hospital, 1984 – 1990.
- Director of Residency Program in Medicine, National Medical Institution, January 1989 – 1990.
- Chairman of Internship Committee, Jordan University Hospital, 1986 – 1989.
- Member & Examiner, the Arab Board of Internal Medicine, 1985 – 1992.
- Referee A.H. Shuman Award for Young Arab Scientist, 1991 &2014
- Member of the Board of Trustees, Applied Science University(private), 1993 – June 1995.

Clinical Trials Experience:

Has participated in multi-centre trial in the studies of imipene, and aztreonam in late eighties.

Familiar with GCP and GCP WHO hand book

Principal Invetsigator in a kinetic study comparing GCSF(neupogen) with a generic GCSF (leukostin)/ 2006 (not published)

Has participated as PI in several phase I, II and III trials.

ABSTRACTS

1. REBELLINO E, AWIDI AS, et al. Human Marrow Megakaryocytes Synthesize platelet Glycoprotein lib, IIIa and Thrombospondine. Federation of American Society of Experimental Biology (FASEB) proceedings 1985, 44, 1124, Abs 4182.
2. KARADESHEH NS, AWIDI AS, TRAWNEH MS. Two new Glucose 6- Phosphate Dehydrogenase (G6PD) variants associated with hemolytic anemia G6PD Amman 1 and G6PD Amman 2 FASEB proceedings 1985, 44, Abs, 1592.
3. AL KHATEEB MS, AWIDI AS, TARAWNEH MS, MADANAT F. Hepatitis B Virus markers and HTLV-III antibodies in patients with bleeding disorders in Jordan, Fourth International Congress of Infectious and Parasitic Diseases, 1986, Abs. 166.
4. SHAHEEN O, AWIDI AS, et al. Therapeutic Drug Monitoring of Antiepileptics in Jordanian Patients. Third World Conference on Clinical Pharmacology and Therapeutics, Stockholm, July, 1986.

5. SAMARA N, SLIMAN N, AWIDI AS, SHAHEEN O, AL TURK WA. Comparison of Serum Concentration after Oral and Intravenous Theophylline Administration in Patients with Chronic Airflow Limitations. Third World Conference on Clinical Pharmacology and Therapeutics, Stockholm, July 1986.
6. TARAWNEH MS, AL-KHATEEB MS, AWIDI AS. Incidence of HIV Antibodies in Jordan. Fourth International Congress of AIDS, Stockholm, June 1988, Abs. 5003.
7. Rabellino EM, Awidi A, Sitar G, Levene RB: Human marrow megakaryocytes synthesize platelet glycoproteins IIb, IIIa and thrombospondin. Blood 64:251, 1984 (suppl I) (abstr)

PUBLICATIONS

- 1) Alteration of gene expression in MDA-MB-453 breast cancer cell line in response to continuous exposure to Trastuzumab. Sharieh EA, Awidi AS, Ahram M, Zihlif MA. Gene. 2015 Sep 12. pii: S0378-1119(15)01100-2. doi: 10.1016/j.gene.2015.09.019. [Epub ahead of print]
- 2) Tinzaparin vs Warfarin for Treatment of Acute Venous Thromboembolism in Patients With Active Cancer: A Randomized Clinical Trial. Lee AY, Kamphuisen PW, Meyer G, Bauersachs R, Janas MS, Jarner MF, Khorana AA; CATCH Investigators. JAMA. 2015 Aug 18;314(7):677-86. doi: 10.1001/jama.2015.9243
- 3) Comparison of osteo/odontogenic differentiation of human adult dental pulp stem cells and stem cells from apical papilla in the presence of platelet lysate. Abuarqoub D, Awidi A, Abuharfeil N. Arch Oral Biol. 2015 Jul 19;60(10):1545-1553. doi: 10.1016/j.archoralbio.2015.07.007. [Epub ahead of print]
- 4) Allele and Genotype Frequencies of the Polymorphic ethylenetetrahydrofolate Reductase and Lung Cancer in the Jordanian Population: a Case Control Study. Al-Motasseem Y, Shomaf M, Said I, Berger S, Ababneh N, Diab O, Obeidat N, Awidi A. Asian Pac J Cancer Prev. 2015;16(8):3101-9
- 5) Evaluation of the growth and osteogenic differentiation of ASCs cultured with PL and seeded on PLGA scaffolds. Awidi A, Ababneh N, Alkilani H, Salah B, Nazzal S, Zoghool M, Shomaf M. J Mater Sci Mater Med. 2015 Feb;26(2):5404. doi: 10.1007/s10856-015-5404-8. Epub 2015 Feb 3.
- 6) DNA hypermethylation of cell cycle (p15 and p16) and apoptotic (p14, p53, DAPK and TMS1) genes in peripheral blood of leukemia patients. Bodoor K1, Haddad Y, Alkhateeb A, Al-Abbadia A, Dowairi M, Magableh A, Bsoul N, Ghabkari A. Asian Pac J Cancer Prev. 2014;15(1):75-84

7) Prevalence of thrombophilic genetic factors among patients with retinitis pigmentosa. Gharaibeh AM, Awidi AS, Ababneh OH, Abu-Ameerh MA, Awidi MA, Saleh MM, Bener A, Al-Khateeb MA, Dweik MR, Albdour MD. Retina. 2014 Oct;34(10):2147-50. doi:

8) Macrothrombocytopenia, psychomotor retardation, and nephropathy: A novel familial syndrome. Akl KF, Qudah AK, **Awidi A**, Suleiman MJ, Ababneh N, Bsoul N, Magablah A Saudi J Kidney Dis Transpl. 2014 Nov-Dec;25(6):1304-7

9) "Safety and efficacy of autologous intra-articular platelet lysates in early and intermediate knee osteoarthritis in humans: a prospective open label study" ,Clinical Journal of Sport Medicine Al-Ajlouni J, **Awidi A**, Samara O, Al-Najar M, Tarwanah E, Saleh M, Awidi M, Hassan FA, Samih M, Bener A, Dweik M. Clin J Sport Med. 2014 Nov 10.

10) Physicochemical and Microstructural Characterization of injectable Load-Bearing Calcium Phosphate Scaffold Mazen Alshaaer, Mohammed H. kailani, Hanan Jafar Nidaa Ababneh, and Abdalla Awidi. Advances in Materials Science and Engineering Volume 2013, Article ID 149261 october 2013

- 11) Haemophilia prophylaxis: a model and future directions in Jordan. Awidi A, Faouri S, Kiswani BA, Al-Sweedan S, Albarqawi M, Bsoul N, Haddadin I, Al-Falah M, Telfah A, Hermans C.Blood Transfus. 2013 Jul 26:1-2. doi: 10.2450/2013.0082-13. [Epub ahead of print]
- 12) Factors that contribute to clopidogrel resistance in cardiovascular disease patients: environmental and genetic approach. Al-Azzam SI, Alzoubi KH, Khabour OF, Nusair MB, Al-Hadidi H, Awidi A, Saleh A. Int J Clin Pharmacol Ther. 2013 Mar;51(3):179-86. doi: 10.5414/CP201784.
- 13) ABL Kinase Domain Mutations in Patients with Chronic Myeloid Leukemia in Jordan. Awidi A, Ababneh N, Magablah A, Bsoul N, Mefleh R, Marei L, Abbasi S.Genet Test Mol Biomarkers. 2012 Sep 25. [Epub ahead of print]
- 14) THE IN VITRO EFFECT OF AUTOLOGOUS PLATELET LYSATE ON DIFFERENT TYPES OF MESENCHYMAL STEM CELLS.
Awidi A, Abu harfeil N, Jafar H, Abu Arqoub D, Ismail S, Kailani MH Regenerative Research 06/2012; 1(1):25-32.
- 15) Bone health in breast cancer survivors. Abdel-Razeq H, Awidi A. J Cancer Res Ther. 2011 Jul;7(3):256-63.
- 16) CYP1AI, glutathione S-transferase gene polymorphisms and risk of Polycythemia vera. Naffa RG, Awidi AS, Yousef AM, Ismail SI. Cancer Epidemiol. 2012 Feb;36(1):68-72.
- 17) Measurement of platelet reactivity of patients with cardiovascular disease on-treatment with acetyl salicylic acid: a prospective study. Awidi A, Saleh A,

Dweik M, Kailani B, Abu-Fara M, Nabulsi R, Bener A. Heart Vessels. 2011 Sep;26(5):516-22.

- 18) The Prevalence of Thrombophilic Factors in Pregnant Women with Subjectively Oligohydraminos During the Gestational Age of 18- 27 WeeksAsma Basha, Zaid Kelani, Abdallah Awidi, Mohammad Al – Khateeb,, Ilham Abu Kader**Jordan Medical Journal, Vol 45, No 1 (2011)**
- 19) FIX mutation spectrum in haemophilia B patients from Jordan: identification of three novel mutations.Awidi A, Alhattab D, Bsoul N, Magablah A, Mefleh R, Dweiri M, Fauori AS.*Haemophilia*. 2011 Jan;17(1):162-3.
- 20) Osteonecrosis of jaws related to intravenous bisphosphonates: the experience of a Jordanian teaching hospital.Baqain ZH, Sawair FA, Tamimi Z, Bsoul N, Al Edwan G, Almasad JK, Abbadi AA.*Ann R Coll Surg Engl*. 2010 Sep;92(6):489-94.
- 21) Relationship of serum imatinib trough level and response in CML patients: Long term follow-up.Awidi A, Ayed AO, Bsoul N, Magablah A, Mefleh R, Dweiri M, Ramahi M, Arafat E, Bishtawi M, Marie L. *Leukemia Research* 34 (2010) 1573-1575.
- 22) Odontogenic myxofibroma synchronous with primary angiosarcoma of the spleen. Hadidy A, Alsharif A, Sheikh-Ali R, Abukhalaf M, Awidi A, Abukaraki A, Nimri C, Omari A. *Br J Radiol*. 2010 Jan;83(985):e10-3.
- 23) Methylenetetrahydrofolate reductase genotype association with the risk of follicular lymphoma. Ismail SI, Ababneh NA, Khader Y, Abu-Khader AA, Awidi A. *Cancer Genet Cytogenet*. 2009 Dec; 195(2):120-4.
- 24) Study of mutations in Jordanian patients with Hemophilia A: Identification of five novel Mutations .awidi, abdalla; ramahi, mohammad; hattab, dana; mefleh, razan; dweiri, mohammad; bsoul, nazzal; magablah, ahmad; arafat, eyad; bargawi, musa; bishwati, mohammad. *Haemophilia*. 2010 ,16,136-142.
- 25) Determination of imatinib plasma levels in patients with chronic myeloid leukemia by high performance liquid chromatography-ultraviolet detection and liquid chromatography-tandem mass spectrometry: Methods' comparison. Awidi A, Salem II, Najib N, Mefleh R, Tarawneh B. *Leuk Res*. 2010 Jun;34(6):714-7
- 26) Primary myelodysplastic syndrome in Jordan: a single-centre experience. Awidi A, Magableh A, Taimeh Z, Ayyad H, Bsoul N, Tarawneh M. *Med Princ Pract*. 2009;18(5):351-5.

- 27) Thrombophilia-related genetic variations in patients with pulmonary embolism in the main Teaching Hospital in Jordan. Obeidat NM, Awidi A, Sulaiman NA, Abu-Khader IB. Saudi Med J. 2009 Jul;30(7):921-5.
- 28) Comparison of platelet aggregation using light transmission and multiple electrode aggregometry in Glanzmann thrombasthenia. Awidi A, Maqablah A, Dweik M, Bsoul N, Abu-Khader A. Platelets. 2009 Aug;20(5):297-301
- 29) Brucellosis presenting as myelofibrosis: First case report. Bakri FG, Al-Bsoul NM, Magableh AY, Shehabi A, Tarawneh M, Al-Hadidy AM, Abu-Fara MA, Awidi AS. Int J Infect Dis. 2010 Feb;14(2):e158-60.
- 30) Screening patients with polycythemia vera for c-Kit mutations. Shakah HR, Awidi A, Naffa RG, Ismail SI. Leuk Lymphoma. 2009 Jan;50(1):127-9.
- 31) Risk stratification for venous thromboembolism in hospitalized patients in a developing country: a prospective study. Awidi A, Obeidat N, Magablah A, Bsoul N. Thromb Thrombolysis. 2008 Nov 21
- 32) Mahmoud IS, Sughayer MA, Mohammad HA, Awidi AS, EL-Khateeb MS, Ismail SI. The transforming mutation E17K/AKT1 is not a major event in B-cell- derived lymphoid leukaemias. Br J Cancer. 2008 Aug 5;99(3):488-90.
- 33) Al-Hussaini MA, Al-Masad JK, Awidi AA. Carcinoma of breast co-existing with non-Hodgkin's lymphoma of axillary lymph nodes. Saudi Med J. 2008 Jan;29(1):138-41.
- 34) Ismail S, Qubbaj W, Kilani M, Hijazi M, Abdelnour A, Al-Khateeb MS, Awidi A. Successful bone marrow transplantation for treatment of chronic myeloid leukemia from a donor with mosaic klinefelter syndrome. Int J Hematol. 2007 Oct;86(3):287-8.
- 35) Ismail S, Ababneh N, Awidi A. Notification of atypical PML-RARA breakpoint in a patient with acute promyelocytic leukemia. Acta Haematol. 2007;118(3):183-7.
- 36) Awidi A., Arikat M, Kailni M, Anshasi B, Barqawi M, Dwairi M, Falah M amahi M, Arafat E, Hadadin E, Eid s, and Faouri S. Hemophilia in Jordan : Study of Inhibitors and Viral Status. Jordan Medical Journal . 2006 Mar;1(40): 14-20
- 37) Awidi AS. Inherited bleeding disorders in Jordan: an update of a 25 year registry. Pathophysiol Haemost Thromb. 2006;35(1-2):152.
- 38) Highly Sensitive Multiplex RT-PCR System for the Detection of all Common BCR-ABL Transcripts Associated with Different Leukemias Nadia A. Akawi,

- 39) Karadsheh NS, Gelbart T, Schulten HJ, Efferth T, Awidi A. Relationship between molecular variants and clinical manifestations in twelve glucose-6-phosphate dehydrogenase-deficient patients in Jordan. *Acta Haematol.* 2005;114(2):125-6.
- 40) Mubarak AA, Awidi A, Rasul KI, Al-Homsi U. Thrombocytopenia responding to red blood cell transfusion. *Saudi Med J.* 2004 Jan;25(1):106-9.
- 41) Mubarak AA, Kakil IR, Awidi A, Al-Homsi U, Fawzi Z, Kelta M , Al-Hassan A. Normal outcome of pregnancy in chronic myeloid leukemia treated with Interferon- alpha in 1st trimester: report of 3 cases and review of the Literature. *AM J HEMATOL* 2002 Feb.,69(2):115-8
- 42) Awidi A, Homsi U,Kakil RI, Mubarak A,Hassan A,Kelta M, Martinez P, Sulaiti S, Al-Qady A, Jamhoury A, Daniel M, Charles C, Ambrose A, El-Aloosy AS. Double-blind, placebo-controlled cross-over study of oral Pilocarpine for the prevention of chemotherapy – induced oral mucositis in adult patients with cancer. *Eur J Cancer* 2001 Nov; 37(16):2010-4.
- 43) Rasul KI, Awidi AS , Mubarak AA, Al-Homsi UM. Study of colorectal cancer in qatar . *Saudi Med J.* 2001 Aug; 22(8):705-7
- 44) al-Sheyyab M, Jarrah N, Younis E, Shennak MM, Hadidi A, Awidi A, el-Shanti H, Ajlouni K. Bleeding tendency in Wolfram syndrome: a newly identified feature with phenotype genotype correlation . *Eur J Pediatr.* 2001 Apr;160(4) : 243-6.
- 45) Kelta M, Awidi AA, Sharara H, Hostetter R, Hely I. Breast Cancer and Pregnancy. *Jord Med Journal,* 2001, 35:17-23
- 46) Rasul KI, Awidi AS, Mubarak A, Al Homsi U. A Case Report: Liposomal Doxorubicin In Metastatic Breast Cancer. *Jama (Middle East)* 2000 10(5): 108-9
- 47) Awidi AS, Abu Hajir M. Low Molecular Weight Heparins: Proposed Guidelines For Their Use. *Heart Views* 1999; 1: 126-29.
- 48) Awidi A, Shannak M, Bsesio A, Kailani MA, Kailani MA, Omar N, Anshasi B, Sakarneh N. High prevalence of factor V Leiden in healthy Jordanian Arabs. *ThrombHaemost*1999Apr;81(4):582
- 49) Awidi AS, Abu-Khalaf M, Herzallah U, Abu-Rajab A, Shannak MM, Abu-Obeid T, Al-Taher I, Anshasi B. Hereditary Thrombophilia among 217 Consecutive Patients with Thromboembolic Disease in Jordan.

- Thrombocytopenia responding to red blood cell transfusion. J Hematol. 1993 Oct; 44(2): 95-100.
- 50) Alqaddah F, Zebeib MA, Awidi AS. Thrombotic Thrombocytopenic Purpura Associated with Pregnancy in Two Sisters. Postgrad Med J 1993 Mar; 69(809):229-31.
- 51) Awidi AS A Study of von Willebrand's Disease in Jordan. Ann Hematol. 1992 Jun; 64(6): 299-302.
- 52) Arnaout MA, Awidi AS, el Najdawi AM, Khateeb MS, Ajlouni KM. Arginine-Vasopressin and Endothelium-Associated Protein in Thyroid Disease. Acta Endocrinol (Copenh). 1992 May; 126(5): 399-403.
- 53) Awidi AS. Delivery of Infants with Glanzmann's Thrombasthenia and Subsequent Blood Transfusion Requirements. A Follow-up of 39 Patients. Am J Hematol. 1992 May; 40(1): 1-4.
- 54) Awidi AS are Inherited Bleeding Disorders Secondary to Coagulation Factors in Jordan: A Nine Year Study. Acta Haematol. 1992; 88(1): 11-3.
- 55) Awidi AS. Infections in Adults with Cancer in a Developing Country: A Three Year Study. Eur J Cancer. 1991; 27(4): 423-6.
- 56) Awidi AS. Patterns of Cigarette Smoking in Jordan: A Study of Greater Amman Area. Ann Saud Med. 1991; 11(2): 144-7.
- 57) Said R, Hamzeh Y, Awidi AS. Treatment in Uremic Bleeding with Conjugated Estrogens. J of Nephrology 1991; 3: 159-162.
- 58) Said R, Hamzeh Y, Awidi AS. Effects of Recombinant Human Erythropoietin on Hemostasis in Patients Maintained on Chronic Hemodialysis. J Bahrain Med Society 1990; 2(3): 120-22.
- 59) Tuddeenham EG, Takase T, Thomas AE, Awidi AS, Madanat FF, Abu-Hajir MM, Kernhoff PB, Hoffbrand AV. Homozygous Protein C Deficiency with Delayed Onset of Symptoms at 7 to 10 Months. Thrombosis Res. 1989 Mar 1; 53(5): 475-84.
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- 61) El-Khateeb MS, Awidi AS, Tarawneh MS, Madanat F. Hepatitis in Patients with Bleeding Disorders in Jordan. J. Trop Pediatr. 1988 Jun; 34(3): 137-8. No abstract available.
- 62) Awidi AS, Al-Turk W, Madanat F, Othman S, Shaheen O. Pharmacokinetics of High and Moderate Intravenous Doses of Methotrexate. Res Commun Chem Pathol Pharmacol. 1988 Mar; 59(3): 411-4.

- 63) Sliman N, Awidi AS. Effects of Living at 300 Meters Below Sea Level on Coagulation and Natural Anticoagulants. *Aviat Space Environ Med.* 1988 Mar; 59(3): 259-61.
- 64) Samara M, Sliman N, Said R, Awidi AS, Al-Turk Wa, Othman S, Khalaf RM, Shaheen O. Intersubject Variability in Plasma Theophylline levels after Oral and Intravenous Administration in Jordanian Patients with Chronic Obstructive Pulmonary Disease. *The Drug Monit.* 1988; 10(2): 144-6.
- 65) Al-Turk WA, Shaheen OM, Othman S, Khalaf RM, Awidi AS. Effects of Ofloxacin on the Pharmacokinetics of a Single Intravenous Theophylline Dose Therapeutic Drug Monitoring. 1988; 10(2): 160-3.
- 66) Othman S, Muti H, Shaheen O, Awidi AS, Al-Turk Wa. Studies on the Absorption and Solubility of Nalidixic Acid. *Internat J of Pharm.* 1988; 41: 197-203.
- 67) Shaheen O, Saleh G, Karmi M, Kurdi A, Daradkeh T, Khalaf Rm, Al-Turk Wa, Otheman S, Awidi AS. Therapeutic Drug Monitoring of Antiepileptics in Jordanians. *Curr Therap Res.* 1988; 43(5): 991-6.
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- 69) Othman S, Al-Turk WA, Awidi AS, Daradkeh TK, Shaheen O. Comparative Determination of Phenytoin in Plasma by Immunofluorescence Polarization Immunoassay and High Performance Liquid Chromatography. *Drug Design and Delivery* 1987 Sep; 2(1): 41-7.
- 70) Madanat f, Awidi AS, Shaheen O, Othman S. Al-Turk WA. Effects of Food and Gender on the Pharmacokinetics of Methotrexate in Children. *Res. Commun Chem Pathol Pharm.* 1987 Feb; 55(2): 279-82.
- 71) Almaani WS, Awidi AS, Karmi MZ. Factor VIII R: Ag as a Prognostic Parameter in Intracranial Hemorrhage. *J Neurol. Neurosurg Psych.* 1987 Feb; 50(2):214-7.
- 72) AL-TURK WA, JALAL I, OTHMAN S, AWIDI AS, KHALAF RM, SHAHEEN O. A Comparative Study of Two Glibenclamide Preparations. *Dirasat (Medical Sciences)* 1987: 14; 7-14.
- 73) SHAHEEN O, OTHMAN S, JALAL I, AWIDI AS, AL-TURK WA. Comparison of Pharmacokinetics and Pharmacodynamics of a Conventional and New Rapidly Dissolving Glibenclamide Preparation. *Internat J Pharm.* 1987; 38: 123-31.

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