Faculty of Medicine: Department of CARDIOLOGY

Osama Sanad Arafa Afify

#	Publication	Authors	Year
1	Comparative Outcome of Precutaneous Balloon Mitral Valvuloplasty Using Inoue Balloon Catheter and Multi-Track Catheter Techniques: Immediate and Short Term Study	-	0
2	COMPARISON OF CARBON ION IMPLANTED STENT WITH BARE METAL STENT IN PATIENTS WITH CORONARY ARTERY DISEASE	-	2008
3	CORRELATION BETWEEN PLASMA ANGIOTENSIN II AND CORONARY ANGIOGRAPHIC FINDINGS IN PATIENTS WITH ESSENTIAL HYPERTENSION	-	2000
4	CORRELATION BETWEEN PLASMA ENDOTHELIN-1 CONCENTRATION AND CORONARY ANGIOGRAPHIC FINDINGS IN CORONARY ARTERY DISEASE PATIENTS	-	2004
5	Diastolic Function In Early Hypertension ,Role Of Left Atrial Size	-	1994
6	EFFECT OF HYPERTENSION ON PULMONARY FUNCTION	-	1995
7	ELECTROCARDIOGRAPIDC AND SOME ELECTROLYTE CHANGES IN DIABETIC PATIENTS WITH AUTONOMIC NEUROPATHY	-	1993
8	EVALUATION OF A SIMPLE NON-INVASIVE METHOD FOR ESTIMATION OF LEFT VENTRICULAR EJECTION FRACTION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION	-	1993
9	Evaluation of Cardiac Ischemia in the Newborn With Perinatal Asphyxia	-	1997
10	EVALUATION OF SOME TRACE ELEMENTS IN PATINETS WITH ACUT MYOCARDIAL INFARCTION	-	1999
11	INFERIOR VENA CAVA ECHOGRAPHY AS A SIMPLE NON INVASIVE TOOL FOR ASSESSMENT OF HYDRATION STATUS	-	1994
12	INSULIN RESISTANCE IN PATIENTS WITH CHRONIC HEART FAILURE	-	1998
13	ISOLATED SYSTOLIC HYPERTENSION (ISH) AMONG ELDERLY EGYPTIANS, IS THERE A HIDDEN RISK?	-	1996
14	PERICARDIAL EFFUSION AND LEFT VENTRICULAR DYSFUNCTION IN PATIENTS WITH HEPATIC CIRRHOSIS	-	1994
15	PREDICTIVE VALUE OF C-REACTIVE PROTEIN FOR CORONARY IN STENT RESTENOSIS	-	2004
16	PREMATURE VENTRICULAR COMPLEX MORPHOLOGY A MARKER FOR LEFT VENTRICULAR STRUCTURE AND FUNCTION	-	1993
17	PREMATURE VENTRICULAR COMPLEX MORPHOLOGY A MARKER FOR LEFT VENTRICULAR STRUCTURE AND FUNCTION	-	1993
18	PREVALENCE AND DETERMINANTS OF LATE POTENTIALS IN PATIENTS WITH UNSTABLE ANGINA	-	1999
19	Q-T. DISPERSION IN ACUTE MYOCARDIAL INFARCTION: EFFECT OF THROMBOLYTIC THERAPY	-	1998
20	RENIN-ANGIOTENSIN SYSTEM AS AN INDEPENDENT RISK FACTOR FOR ISCHAEMIC HEART DISEASE (IHD).	-	1997
21	RIGHT VENTRICULAR DIASTOLIC PERFORMANCE IN ESSENTIAL HYPERTENSION	-	1994
22	SAFETY AND CLINICAL FEASIBILITY OF DOBUTAMINE STRESS ECHOCARDIOGRAPHY BEFORE AND EARLY AFTER CORONARY ANGIOPLASTY	-	2000
23	STUDY OF RIGHT VENTRICULAR DIASTOLIC FUNCTION IN ELDERLY SUBJECTS	-	1996
24	TISSUE DOPPLER STUDY OF MYOCARDIAL VELOCITY GRADIENT BEFORE AND AFTER MYOCARDIAL REVASCULARIZA TION	-	2003
25	TISSUE DOPPLER STUDY OF MYOCARDIAL VELOCITY GRADIENT BEFORE AND AFTER MYOCARDIAL REVASCULARIZATION	-	2003
26	TROPONIN T AS A NON-INVASIVE PREDICTOR OF SUCCESSFUL REPERFUSION AFTER THROMBOLYTIC THERAPY FOR ACUTE MYOCARDIAL INFARCTION	-	1997

Heba Mohamed Abdel Kader Mohamed Mansur

#	Publication	Authors	Year
1	Efficacy and Safety of percutaneous Transvenous Mitral Valvuloplasty in Egyptian Patients with Subvalvular Disease Using Various Techniques. Zagazig university medical journal.Vol (l3) .	Metwally El Emary* MD, Ahmad Fathy** MD, Heba Abd El-Kader Mansour* MD, Saad Amar* MD and Mohamed Abbas** MSc.	2007
2	Jan Erik Nordrehaug. double blind study to evaluate the efficacy of percutaneous myocardial revascularization (pml) for patients with refractory angina untreatable by bypass surgery or angioplasty.	Mohamed Salem, Khaled EL-Rabbat, Saad Ammar, Heba Mansour, Mohamed Awad*,	0
3	percutaneous balloon mitral " valvuloplasty versus surgical closed mitral commissurotomy for mitral stenosis: a randomized comparative study using echocardiograghy. Benha M. J. Vo!. 14 No 2	Heba A. K. Mansour MD, Mohamed A. Taher MD•, Ikram Massoud MD••, Tarek A. Bishay M.Sc••.,	1997
4	The New Egyptian journal of medicine vol:9, no:6 1.s1	Aly ramzy * mohamed a. mostafa** ahmed abdel moniem; heba mansour, osama sanad elsayed abd elkhalek Aly Ramzy *	1993
5	Usefulness of dobutamine echocardiography for detection of restenosis after ransluminal coronary angioplasty. Benha Medical journal : 16:1.	Heba Mansour, Khaled Elrabat, et al.,	1999
6	23rd Conference of egyptian society of cardiology Luxer 2812 - 2/3/1996. Benha Medical journal	Hisham Aboul- Enein*,MD, Iman El Kishk*,M SC, Heba Mansour*, MD, et al.	2004
7	a hemodynamic and echo-doppler assessment of the effects of dialysis arterio-venous fistula and acute effects of hemodialysis on cardiac performance in patients with end stage renal failure. Benha M. J. Vol. 15 No 1	Heba A. Mansour MD and EI-Metwaly L. El-Shahawy MD* et al.,	1998
8	assessment of left ventricular function by transesophageal echocardiography after mitral valve surgery. Benha M. J.Vol. 14 No 3	Heba A. K. Mansour MD, Ahmed Abdel Moneim MD, A1i Ramzy MD*, Adel EI-Etrlby MD*, et al.,	1997
9	comparison of stenting with minimally invasive bypass surgery for high grade stenosis of the proximal left anterior descending coronary artery: six months follow up of randomized study. BenhaM.J. Vol. 23 No 1	Ali I. Attia MD, Heba A. Mansour MD, Hesham Rashid MD Mohamed D. EI-Dardir MD* and Hassan M. El-Sawy MD*.	2006
10	correlation between plasma angiotensin ii and coronary angiographic findings in patients with essential hypertension. BenhaM. J. Vol. 17 No 2 May 2000	Osama Sanad MD, Heba A. Mansour MD, Mahmoud A. El-azzony* MD, Khaled EI-Rabat MD	2000
11	effects of thrombolytic therapy on signal- averaged electrocardiogram in patients with acute anterior myocardial infarction . Benha M. J. Va!. 15 No 1	Heba A. K. Mansour MD, Ahmed Abdel Moneim MD, Saad M. Amar MD, Khaled El Rabbat MD, et al	1998
12	electrocardiograpidc and some electrolyte changes in diabetic patients with autonomic neuropathy. BenhaM. J. Vol. 10 No 1	Ahmed Abd EI-Moniem MD*, Heba Abd EI-Kader Mansour MD*, Atef Ibrahim MD* et al.,	1993
13	Heart rate variability in dilated cardiomyopathy. Benha Medical journal : 16:1.	Heba Mansour, Khaled Elrabat, et al.,	1999
14	heart rate variability in dilated cardiomyopathy. BenhaM. J. Vol 16 No 1	Heba A. Mansour MD., Khalid EI-Rabat MD., El Sayed Abd-El Khalek MD and Hosam E. Ibraheem MSc.,	1999
15	MD sociomedical pattern of rheumatic fever in school children in benha. Benha M. J. Vol. 10 No 1	Mona H. EI-Mahdy MD, Magdy Abou EI-Fotouh MD, Heba Mansour MD, Ahmed Abdel-Moniem MD and Khaled El-Rabbat	1993
16	MD**., effect of certain modes of mechanical ventilation on hemodynamics and oxygen transport in post Benha M. J. Vol. 14 No 3 Sept. 1997 . Benha M. J. Vol. 14 No 3	Heba A. Mansour MD, Abdel Sadek. EI-Arag MD* and Mohamed M. Nasr	1997
17	MD. premature ventricular complex morphology a marker for left ventricular structure and function. BenhaM. J. Vol.10 No 1.	Ahmed Abd EI-Moniem* MD, Heba M. A. Mansour* MD Osama Sanad* MD Hesham M. Abo EI-Enin* MD Tawheed M. Mowafy	1993
18	MD., left ventricular systolic and diastolic function in obese subjects: Benha M. J. Vol. 15 No 2	Heba A. K. Mansour	1998
19	MSc., isolated systolic hypertension (ish) among elderly egyptians, is there a hidden risk?. Benha M. J. Vol. 13 No 1	Ahmed Abdel Monem MD, * Alaa Eldin Ibrahim MD, Heba Mansour MD, Osama Sanad MD and Mohamed Abdou	1996

20	predictive value of c-reactive protein for coronary in stent restenosis. Benha M.J. Vo!. 21 No 1 .	Hamza Kabil MD, Heba Mansour MD, Osama Sanad MD, Ibrahim Mansour MD and Ahmed yousef MSc	2004
21	prevalence and determinants of late potentials in patients with unstable angina . BenhaM.J.Vol. 16 No 3	Osama Sanad MD, Mohamed A. Taher MD*, Heba A. Mansour MD.	1999
22	safety and clinical feasibility of dobutamine stress echocardiography before and early after coronary angioplasty. BenhaM.J. Vo!. 17 No 3	Hesham Abou-Ainin MD, Saad Ammar MD, Metwally EI-Emary MD, Heba Mansour MD,, et al.	2000
23	the value of pulse-wave doppler tissue imaging during dobutamine stress echocardiography in detection of right coronary artery narrowing. BenhaM. J. Vol. 23 No 1	El-Sayed A. Mahmoud MD*, Heba Mansour MD*, Reda Biomy MD*, Ali I. Attia MD* Hesham Rashied MD* and Ehab Y. Farag M.sc	2006
24	the value of QTc interval as an adjuvant electrocardiographic variable in the interpretation of stress test for detection of coronary artery disease. Zagazig university medical journal.	Hesham Rashid (M.D.), Heba Mansour (M.D.), Metwaly El-Emary (M.D.), and Sheamaa A Moustfa (M.B.B.Ch.)	2004
25	Tissue doppler study of myocardial velocity gradient before and after myocardial revascularization. Zagazig Medical journal	Ahmed Abd EI-Moniem* MD, Heba M. A. Mansour* MD OsamaSanad*, et al.	2003
26	troponint as a non-invasive predictor of successful reperfusion after thrombolytic therapy for acute myocardial infarction.Benha M. J. Vo!. 14 No 2	Heba A. K. Mansour MD, Ahmed Abdel Moneim MD, Ossama Sanad MD, Ali Ramzy MD* and Khaled Ibrahim MSc.,	1997
27	usefulness of dobutamine echo cardiography for detection of restenosis after transluminal coronary angioplasty BenhaM. J. Vo!. 16 No 1	eba A. K. Mansour MD, Khaled El Rabbat MD, Magdy Abou EI-Fotuh MD, Hesham M. Boshra MD**, Mohamed A. Taher MD* and Ashraf M. Helal MSc**.,	1999

Hisham Mohamed Aboul-Enein ✉

#	Publication	Authors	Year
1	Association Of Chlamydia pneumoniae, Helicobacter pylori, Cytomegalovirus Infections And Some Important Risk Factors In Coronary Heart Diseases	-	1998
2	DIAGNOSTIC, PROGNOSTIC AND PREDICTIVE VALUE OF POSTERIOR CHEST LEADS IN ACUTE INFEIUOR MYOCARDIAL INFARCTION	-	2001
3	EFFECT OF HYPERTENSION ON PULMONARY FUNCTION	-	1995
4	FEASIBILITY AND ACCURACY OF ACQUSTIC QUANTIFICATION AND COLOR KINESIS IN ASSESMENT OF REGIONAL AND GLOBAL SYSTOLIC LEFT VENTRICULAR FUNCTION IN PATIENT WITH CORONARY ARTERY DISEASE.	-	2001
5	Feasibility of On Line Transesophageal Echocardiography During Balloon Mitral Valvuloplasty.	-	1999
6	IMPAIRED VENTRICULAR DIASTOLIC FUNCTION IN PATIENTS WITH PRESENILE CATARACT. IS IT A MANIFESTATION OF PREMATURE CARDIAC AGING?	-	1996
7	PREDICTORS OF RIGHT VENTRICULAR FUNCTION AFTER TOTAL CORRECTION OF TETRALOGY OF FALLOT	-	2000
8	PREMATURE VENTRICULAR COMPLEX MORPHOLOGY A MARKER FOR LEFT VENTRICULAR STRUCTURE AND FUNCTION	-	1993
9	PREVALENCE OF HYPERTENSION I N A SAMPLE OF SCHOOL AGE CHILDREN	-	1996
10	PREVALENCE OF RHEUMATIC HEART DISEASE AMONG SCHOOL CHILDREN IN GHARBIA GOVERNORATE	-	1970
11	RELATION OF LEFT VENTRICULAR MASS AND FILLING TO EXERCISE AND REST BLOOD PRESSURE	-	2000
12	RIGHT VENTRICULAR DIASTOLIC PERFORMANCE IN ESSENTIAL HYPERTENSION	-	1994
13	SAFETY AND CLINICAL FEASIBILITY OF DOBUTAMINE STRESS ECHOCARDIOGRAPHY BEFORE AND EARLY AFTER CORONARY ANGIOPLASTY	-	2000

14	STUDY OF RIGHT VENTRICULAR DIASTOLIC FUNCTION IN ELDERLY SUBJECTS	-	1996
15	UTILITY OF CHEST CT IMAGING IN DIAGNOSIS OF PATHOLOGICAL CHANGES ASSOCIATING BILHARZIAL CORPULMONALE	-	2002

Ahmed Abd El Moniem Mohamed Ibrahim. ✉

#	Publication	Authors	Year
1	Isolated systolic hypertension (ish) among elderly egyptians, is there a hidden risk? Benha M. J.	Ahmed Abdel Moneim MD, Heba A. K. Mansour MD, et al.,	1996
2	assessment of left ventricular function by transesophageal echocardiography after mitral valve surgery. Benha M.	Ahmed Abdel Moneim MD, Heba A. K. Mansour MD, et al	1997
3	Effects of thrombolytic therapy on signal- averaged electrocardiogram in patients with acute anterior myocardial infarction. Benha M.	Ahmed Abdel Moneim MD, Heba A. K. Mansour MD, et al.,	1998
4	Sociomedical pattern of rheumatic fever in school children in benha. Benha M. J.	Ahmed Abdel Moneim MD, Heba A. K. Mansour MD, et al.,	1997
5	Role of ambulatory blood pressure monitoring in evaluating hypertensive patients with & without left ventricular hypertrophy. Benha Medical journal,	Ahmed Moneim, Khaled Elrabat, et al.,	1998
6	Troponin T as a non-invasive predictor of successful reperfusion after thrombolytic therapy for acute myocardial infarction. Benha M. J	Ahmed Abdel Moneim MD, Heba A. K. Mansour MD, et al.,	1997

Elsayed Mahmoud Mohamed ✉

#	Publication	Authors	Year
1	COMPARISON OF CARBON ION IMPLANTED STENT WITH BARE METAL STENT IN PATIENTS WITH CORONARY ARTERY DISEASE Department of Cardiology, Bertha Faculty of Medicine Bertha University. Egypt	Osama sanad MD, El-Sayed Abdel Khalek MD, Khaled El-Rabat MD, Ibrahim Mansour MD and Eman S. Elkeshk MD	0
2	COMPARISON OF CARBON ION IMPLANTED STENT WITH BARE METAL STENT IN PATIENTS WITH CORONARY ARTERY DISEASE Department of Cardiology, Bertha Faculty of Medicine Bertha University. Egypt	Osama sanad MD, El-Sayed Abdel Khalek MD, Khaled El-Rabat MD, Ibrahim Mansour MD and Eman S. Elkeshk MD	0
3	EARLY EXERCISE TESTING AFTER TREATMENT WITH THROMBOLYTIC DRUGS FOR ACUTE MYOCARDIAL INFARCTION: IMPORTANCE OF RECIPROCAL ST SEGMENT DEPRESSION		0
4	EARLY EXERCISE TESTING AFTER TREATMENT WITH THROMBOLYTIC DRUGS FOR ACUTE MYOCARDIAL INFARCTION: IMPORTANCE OF RECIPROCAL ST SEGMENT DEPRESSION Department of Cardiology, Benha Faculty of Medicine, Egypt	El-Sayed A. Mahmoud MD, Hamza Kabil MD, Ibrahim Mansour MD, Mohamed A. Hamouda MD and Hassan E. Hassan	0
5	Echo-Doppler Study of Cardiac Function in Egyptian Patients with Non-Alchoholic Liver Cirrhosis with and without Ascites	EL-SAYED A MAHMOUD, MD*; HISHAM A ABD EL-RAZEK, MD	0
6	Echo-Doppler Study of Cardiac Function in Egyptian Patients with Non-Alchoholic Liver Cirrhosis with and without Ascites	-	0
7	FEASIBILITY.AND EFFICACY OF ATRIAL PACING IN PREVENTION OF ATRIAL FIBRILLATION FOLLOWING CORONARY ARTERY BYPASS GRAFT SURGERY	-	0
8	PERCUTANEOUS CORONARY INTERVENTION IN DIABETICS VERSUS NON DIABETICS Departmertt of Cardiology, Bertha Faculty of Medicine, Bertha universIty. Egypt	El-Sayed Abdel Khalek MD, Ibrahim M. Mansour MD, Reda Bayoumi MD and Eman S. Elkeshk MD	0
9	PERCUTANEOUS CORONARY INTERVENTION IN DIABETICS VERSUS NON DIABETICS Departmertt of Cardiology, Bertha Faculty of Medicine, Bertha universIty. Egypt	El-Sayed Abdel Khalek MD, Ibrahim M. Mansour MD, Reda Bayoumi MD and Eman S. Elkeshk MD	0
10	Prediction of Coronary Artery Disease by Assessing Endothelial Dysfunction in Egyptian Patients Y, MD*; PHILIP AZZER, M.B.Bch	EL-SAYED A MAHMOUD, MD*; REDA BIOMY, MD*; ALI I ATTIA, MD*; EL METWALLY EL EMAR	0

Khaled Ahmed Emad Eldin Elrabat ✉

#	Publication	Authors	Year

1	COMPENSATORY ENLARGEMENT OF ATHEROSCLEROTIC CORONARY ARTERIES CORRELATION WITH CLINICAL PICTURE USING INTRA VASCULAR ULTRASOUND	-	1970
2	Coronary Angiographic Pattern in Hypertensive Patients with Documented Coronary Artery Disease, El-Sayed A. Mahmoud M.D, Gamal Aboul Nasr, MD. Mohamed A. Hamouda, MD and Khaled El Rabbat, MD	-	1970
3	CORRELATION BETWEEN PLASMA ENDOTHELIN-1 CONCENTRATION AND CORONARY ANGIOGRAPHIC FINDINGS IN CORONARY ARTERY DISEASE PATIENTS	-	1970
4	Direct stenting versus conventional stenting of coronary artery lesions	-	1970
5	DOUBLE BLIND STUDY TO EVALUATE THE EFFICACY OF PERCUTANEOUS MYOCARDIAL REVASCULARIZATION (PML) FOR PATIENTS WITH REFRACTORY ANGINA UNTREATABLE BY BYPASS SURGERY OR ANGIOPLASTY	-	1970
6	EVALUATION OF ELEVATED SERUM UPOPROTEIN (a) AS A RISK FACTOR FOR LEFT ATRIAL THROMBUS IN PATIENTS WITH CHRONIC ATRIAL FIBRILLATION	-	1970
7	EVALUATION OF SOME NEW DIAGNOSTIC MODALITIES FOR DEEP VENOUS THROMBOSIS	-	1970
8	TISSUE DOPPLER STUDY OF MYOCARDIAL VELOCITY GRADIENT BEFORE AND AFTER MYOCARDIAL REVASCULARIZATION	-	1970

Metwaly Hassan Ali ✉

Reda Baiomy Bastawisy Mohammed ✉

#	Publication	Authors	Year
1	El-Sayed A Mahmoud,MD*, Reda Biomy MD,et al,.Predtion of coronary artery disease by assessing endothelial dysfunction in egyptian patient .Egypt Heart J 57 (2),June 2005.	-	2005
2	El-Sayed A. Mahmoud MD* ,Heba Mansour MD*,Reda Biomy MD* ,et al,.The value of pulsed wave Doppler tissue imaging during dobutamine stress echocardiography in detection of right coronary artery narrowing .Benha M.j.vol.23 no 1 Jan.2006	-	2006
3	Mohamed A. Hamouda,Reda Biomy,Ahmed Abdel Moneim Emam*, et al,.The role of pulmonary magnetic resonance angiograghy in diagnosis of pulmonary arterial hypertension and pulmonary embolism.	-	1970
4	Mohamed A. Hamouda,Reda Biomy,et al,.Blood levels of C-Reactive protein and Leptin in acute myocardial infarction	-	1970
5	Reda Biomy MD,Effects of weight loss after laparoscopic gastric banding surgery on cardiac function and cardiovascular risk factors in obese postmenopausal women	-	1970
6	Reda Biomy MD,Left ventricular thrombus formation after first acute anterior ST elevation myocardial infarction clinical and echocardiograghic predictors . Benha M.j.vol.22 no 1 May.2005	-	2005
7	Reda Biomy MD,Neama Ali El-Melegy MD,Tarek Helmy Abu Elazm MD ,et al,.The treadmill score as apredictor of coronary artery disease . Benha M.j.vol.20 no 3 sept.2003.	-	2003

Saad Manhood Ebrahim Ammar ✉

#	Publication	Authors	Year
1	Determinants Of Myocardial Function In Patients With Left Anterior Descending Coronary Artery Disease	-	2002
2	DOUBLE BLIND STUDY TO EVALUATE THE EFFICACY OF PERCUTANEOUS MYOCARDIAL REVASCULARIZATION (PML) FORPATIENTS WITH REFRACTORY ANGINA UNTREATABLE BY BYPASS SURGERY OR ANGIOPLASTY	-	1970
3	Echocardiographic Study of the Right Side of the Heart in Children with Bronchial Asthma	-	2003
4	EFFECT OF HYPERTENSION ON PULMONARY FUNCTION	-	1995
5	EFFECTS OF THROMBOLYTIC THERAPY ON SIGNAL- AVERAGED ELECTROCARDIOGRAM IN PATIENTS WITH ACUTE ANTERIOR MYOCARDIAL INFARCTION	-	1998

6	Efficacy and Safety of percutaneous Transvenous Mitral Valvuloplasty in Egyptian Patients with Subvalvular Disease Using Various Techniques	-	2007
7	EVALUATION OF THE IMMEDIATE AND SHORT-TERM OUTCOME OF CORONARY ARTERY BYPASS GRAFTING WITH AND WITHOUT CARDIO-PULMONARY BYPASS	-	2003
8	FEASIBILITY AND ACCURACY OF ACQUSTIC QUANTIFICATION AND COLOR KINESIS IN ASSESMENT OF REGIONAL AND GLOBAL SYSTOLIC LEFT VENTRICULAR FUNCTION IN PATIENT WITH CORONARY ARTERY DISEASE.	-	2001
9	FEASIBILITY AND EFFICACY OF ATRIAL PACING IN PREVENTION OF ATRIAL FIBRILLATION FOLLOWING CORONARY ARTERY BYPASS GRAFT SURGERY	-	2003
10	IMPACT OF DOPPLER TISSUE IMAGING IN THE ASSESSMENT OF REGIONAL WALL MOTION ABNORMALITIES IN PATIENTS WITH OLD MYOCARDIAL INFARCTION	-	2002
11	IN HOSPITAL PROGNOSIS OF WOMAN WITH CORONARY ARTERY DISEASE	-	2007
12	PREDICTORS OF RIGHT VENTRICULAR FUNCTION AFTER TOTAL CORRECTION OF TETRALOGY OF FALLOT	-	2000
13	Q-T. DISPERSION IN ACUTE MYOCARDIAL INFARCTION: EFFECT OF THROMBOLYTIC THERAPY	-	1998
14	ROLE OF AMBULATORY BLOOD PRESSURE MONITORING IN EVALUATING HYPERTENSIVE PATIENTS WITH AND WITHOUT LEFT VENTRICULAR HYPERTROPHY	-	1998
15	SAFETY AND CLINICAL FEASIBILITY OF DOBUTAMINE STRESS ECHOCARDIOGRAPHY BEFORE AND EARLY AFTER CORONARY ANGIOPLASTY	-	2000
16	Serum Cardiac Troponin- I in Patients with Unstable Angina: Diagnostic, Therapeutic and Prognostic Implications	-	2002
17	VALUE OF TRANSTHORACIC ECHOCARDIOGRAPHY FOR THE DETECTION OF LEFT MAIN CORONARY ARTERY OBSTRUCTION IN PATIENTS, UNDERGOING CORONARY ANGIOGRAPHY	-	2003

Yasser Hosni Ahmed Abd Elrahman

#	Publication	Authors	Year
1	Baumgart D, Abd el Rahman Y, C. Naber, C. Kaiser, M. Haude. R. Erbel Trapped Y-Stenting a new approach to bifurcation stenting. Catheterization and cardiovasc. Diagnosis In press	-	1970
2	C. Naber, C. Kaiser, Y Abd el Rahman, H. Eggebrecht, W. Sauerwien, D. Baumgart Longitudnale Fehlplazierung bei der Behandlung langer konronarläsionen mittels Intrakoronarer Brachytherapie mit einem Bestrahler. Longitudinal Geographical miss in the treatment of long lesions using Intravascular Brachytherapy. Congress Centrum Mannheim 67 Jahrestagung der Deutchen Geselschaft für Kardiologie- Herz und Kreislaufforschung. 19-21 April 2001	-	2001
3	C. Naber, D. Flühs, C. Wilke, I. Langer, C. Kaiser, Y. Abd el Rahman, U. Quest, D. Baumgart. Experimental Ergebnis zur über und Unterdosierung bei der Behandlung von Stenosen < 35mm mittels Intravaskulärer Brachytherapie. Experimental results for the application of over and under dosing in the treatment of stenosis < 35mm using Brachytherapy. Congress centrum Mannheim 67 Jahrestagung der Deutschen Geselschaft für Kardiologie- Herz und Kreislaufforschung. 19-21 April 2001	-	2001
4	Christoph Kaiser, Christoph Naber, Yasser Abd el Rahman, Clemens von Bergelen, Peter Meusers, Wolfgang Sauerwein, Michael haude, Raimund Erbel and Dietrich Baumgart. Early clinical Experience with pullback Beta-irradiation in In-stent Restenosis Poster presentation in the ACC 50th annual Scientific session Orlando-Florida JACC; 2001 (Suppl). 37, Nr 2. March 18-21 2001	-	2001
5	Christoph Naber, Christoph Kaiser, Yasser Abd el Rahman, Holger Eggebrecht, Peter Meusers, Wolfgang Sauerwein, Michael Haude, Raimund Erbel and Dietrich Baumgart. Geographic miss in the treatment of long and diffuse In-Stent Restenosis with intracoronary Brachytherapy. JACC; 2001 (Suppl). 37, Nr 2.	-	2001
6	Clemens von Birgelen, Chritoph Kaiser, Yasser Abd el Rahman and Raimund Erbel Intravascular ultrasound imaging: assessment of coronary lesions, percutaneous interventions and brachytherapy. In:- Practical interventional Cardiology 2nd ed 2002 Martin Dunitz Ltd.	-	2002

7	H. Eggebrecht, M. Haude, U. Woertgen, D. Baumgart, C. Kaiser, J. Herrman, H. Weineke, C. Altmann, C. Naber, Y. Abd el Rahman, R. Erbel Early Safety and Efficacy of the 6 french angio-seal device for routine puncture Closure after diagnostic and interventional cardiac catheterization. Transcatheter cardiovascular therapeutics (TCT) 12th annual symposium October 16, 2000 Washington	-	2000
8	Instructor of Functional assessment in Egyptian Handball Federation	-	1970
9	Instructor of Sport Cardiology and cardiopulmonary assessment Egyptian Football Federation.	-	1970
10	Instructor of sport cardiology and functional assessment in CAF medical panel	-	1970
11	Instructor of Sport Medicine and sport cardiology in Egyptian Sport Academy	-	1970
12	Jawed Arjumand,,Yasser Abd el Rahman, Thomas Bartel, Murad Al Khani, Holger Eggebrecht, Raimund Erbel Retrograde dissection of the left main coronary artery caused by Balloon rupture. during stenting a case report. In press. Sport Activities.	-	1970
13	M. Al-Khani, J. Rodermann, Y.Abd el Rahman, C. Naber, J. Arjumand, D. Baumgart Long term outcome in smaller side branches adjacent to target lesion after adjunctive Intracoronary brachytherapy for in stent restenosis Congress centrum Mannheim 69 Jahrestagung der Deutchen Geselschaft für Kardiologie- Herz und Kreislaufforschung. 24-26 April 2003	-	2003
14	Naber CK, Kaiser CA, Abd el Rahman Yasser, Haude M, Erbel R, Baumgart D. Late stent thrombosis after intracoronary brachytherapy. A case report and review of the literature. (Article in German) Z Kardiol 2001 Feb;90(2):138-43	-	1970
15	President of Egyptian modern pentathlon medical committee	-	1970
16	Sport Medicine and Cardiopulmonary Consultant at Egyptian Sport Medical Center- Ministry of Sport and Youth Member of the Egyptian medical Olympic Comittee	-	1970
17	T.F.M. Konorza, M. Haude, H. weineke, C. Kaiser, A. Schmermund, Y. Abd elRahman und Raimund Erbel Perkutane transluminale Septale Myokardablation mittels coils und Mikrospären bei hypertropher obstruktiver Kardiomyopathie Percutaneous transluminal Septal ablation using coils and Microspheres in hypertrophic obstructed cardiomyopathy Congress Centrum Mannheim 67 Jahrestagung der Deutchen Geselschaft für Kardiologie-Herz und Kreislaufforschung. 19-21 April 2001	-	2001
18	Yasser Abd el Rahman Brachytherapy "Pros & Cons" Oral Presentation Benha 4th Annual Cardiac conference Benha conference hall 31 October 2002	-	2002
19	Yasser Abd el Rahman, A. Abdelmoneim, O, Sanad, S. Ammar, A, El Abd Serum iron parameters in acute Myocardial infarction. 24 annual meeting of the Egyptian Society of Cardiology Feb 24-28 1997	-	1997
	Ali Ibrahim Ali Atia	✉	
	Eman Said Mohamed Hassan	✉	
	Hamza Mohamed Saad Kabil	✉	

#	Publication	Authors	Year
1	1. HAMZA KABIL, MD ; METWALLY EL-EMARY, MD; AHMED ABDEL – MONEIM, MD; ABDEL-RAHMAN SAMRA, MBCh White Coat Hyertension and Target Orange Damage. Egyptian heart J. Vol 62 . N.1 March 2010	-	2010
2	10. MOHAMED FAHMY ELNOAMANY , MD; HALA MAHFOUZ BADRAN , MD; HAMZA MOHAMED KABIL, MD. Load-Independency of color M-Mode Flow Propagation Velocity and Doppler Tissue Imaging in Assessment of Left Ventricular Diastolic Function : Comparison with Transmitral and Pulmonary Venous Flow. Egyptian heart J, vol 58 N.2 June 2006	-	2006
3	11. Mohsen Shalaby MD, Naser Abdou MD And Hamza Kabil MD. The Role Of Heart Rate Variability in The Diagnosis Of Rheumatic Fever In Childen. Benha M.J vol. 23 N.1 Jan 2006	-	2006
4	12. Hesham Rashid MD , Neama El-Melegy MD, Yasser Hosney MD, Hamza Kabil MD and Heba Mansour MD. THE VALUE OF CARDIAC TROPONIN I AS A PREDICTOR OF CARDIAC EVENTS AFTER PERCUTANEOUS CORONARY INTERVENTION. Benha M.J vol . 24 N. 1 , Jan 2007.	-	2007
5	13. Hamza Kabil MD , Ali Attia MD , Hesham Abo El-Enin MD and Mohamed Hemdan. PREVALENCE OF CAROTID ATHEROSCLEROSIS IN PATIENTS WITH CORONARY ARTERY DISEASE. Benha M.J vol . 21 N. 1 Jan 2004	-	2004
	14. Hamza Kabil MD , Heba Mansour MD , Osama Sanad MD, Ibrahim Mansour MD		

6	and Ahmed Yousef MSc. PREDICTIVE VALUE OF C-REACTIVE PROTEIN FOR CORONARY IN STENT RESTENOSIS. Benha M.J vol . 21 N.1 Jan 2004.	-	2004
7	15. Hamza Kabil MD. PREDICTORS OF ATRIAL FIBRILLATION DEVELOPMENT IN PATIENTS WITH ITRAL VALVE PROLAPSE. Benha M.J vol. 20 N.2 May 2003	-	2003
8	16. El-Sayed A. Mahmoud MD, Hamza Kabil MD, Ibrahim Mansour MD, Mohamed A. Hamouda MD and Hassan E. Hassan Msc. EARLY EXERCISE TESTING AFTER TREATMENT WITH THROMBOLYTIC DRUGS FOR ACUTE MYOCARDIAL INFARCTION: IMPORTANCE OF RECIPROCAL ST SEGMENT DEPRESSION. Benha M.J. vol. 20 N.2 May 2003	-	2003
9	17. Hesham Abo-Elenin MD , Saad M. Ammar MD, Metwally El-Emary MD, Hamza Kabil MD and Hassan El-Emary MD, Hamza Kabil MD. PREDICTORS OF RIGHT VENTRICULAR FUNCTION AFTER TOTAL CORRECTION OF TETRALOGY OF FALLOT. Benha M.J vol. 17 N.3 sept. 2000.	-	2000
10	18. Metwaly El-Emary *; Saad M. Ammar*; Khaled El-Rabat*; Hamza Kabil *; Gamal Shaban **; Mohamed A. Abd El-Salam**. SERUM CARDIAC TROPONIN - I IN PATIENT WITH UNSTABLE ANGINA: DIAGNOSTIC , THERAPEUTIC AND PROGNOSTIC IMPLICATIONS. Egypt Heart J 54 (1) : 33 – 38 March 2002.	-	2002
11	19. Amgad E. E-Agroudi ; Ayman El-Baz ; Hosam Ghanem, and Hamza Kabil. A PROSPECTIVE RANDOMIZED STUDY FOR THE USE OF ANTI-HYPERTENSIVE DRUGS FOR THE PREVENTION OF PROGRESSION OF CHRONIC ALLOGRAFT NEPHROPATHY. EJBMB 28-29 April 2005 Volume 23.	-	2005
12	2. HAMZA KABIL MD ; Tarek Abou-Alzm MD; Neama Elmelegy MD; Heba Mansour MD; Soad Abdalla MBBch. Prognostic Value of Elevated Biomarkers in Diabetic and Non Diabetic Patients Admitted For Acute Coronary Syndrome Egyptian heart J. 2010.	-	2010
13	20. Mohamed Shawky MD, Ahmed Saleh MD, Sameh Bahgat MD, Hamza Kabil MD and Azza Abo Senna MD. PLASMA LEPTIN LEVEL AND PLASMA RENIN ACTIVITY IN LEAN NON-DIABETIC PATIENTS WITH ESSENTIAL HYPERTENSION. Egypt Heart J 53 (1): 47-54 March 2001	-	2001
14	21. Mohamed Mowafy, Gamal Amer, Hamza Kabil* and Ibrahim Rageh. RELATION OF CHLAMYDIA PNEUMONIAE IgM & IgG , HELICOBACTER PYLORI IgG, SERUM INTERLEUKIN 6 AND CRP IN PATIENTS WITH CRESENDO UNSTABLE ANGINA AND ACUTE MYOCARDIAL INFARCTION. Benha faculty of Medicine . Zagazig University	-	1970
15	22. Gamal A Amer and Hamza Kabil* PLASMA SOLUBLE P-SELECTIN AS AN ADDITIONAL NON INVASIVE DIAGNOSTIC TEST IN CORONARY ARTERY DISEASE. The Egyptian Journal Of Medical sciences vol,26 (2) December 2005 (suppi.2) (ISSN: 1110-0540).	-	2005
16	3. HAMZA KABIL MD; Ali Attia MD; Tarek Abou-Alzm MD, Timour Abdelhaleem MBBch. Left Atrial Volume Index as a Predictor of Dobutamine Stress Echocardiographic Results In Coronary Artery Diseases. Egyptian heart J. 2010	-	2010
17	4. HAMZA KABIL MD; Ahmed Abdelmonem MD; Saad Ammar MD; Sayed Abdelkhalek MD; Sherif Sabry MBBch. Clinical Characteristics and Short as Well as intermediate Term Prognosis of Myocardial Infarction With Normal Coronary Angiogram. Egyptian heart J. 2010.	-	2010
18	5. MAHMOUD MA YOSSOF, MD HAMZA KABIL, MD*; ASHRAF OMAR, MD; AYMAN ABD EL-SAMAD, MD; MAGED ZAGLOL AMER, MD. Value of Transpulmonary Venous Flow Pattern and Mitral Flow Pattern in the Evaluation of Left Ventricular Diastolic Function in Hypertensive Patients. Egyptian heart J. vol. 61 N.2 june 2009.	-	2009
19	6. MAHMOUD MA YOSSOF MD ; HAMZA KABIL , MD; ASHRAF OMER, MD; AYMAN ABD EL-SAMAD, MD. Left Ventricular Systolic Atrioventricular Plane Displacement :A Simple Method for Evaluation of Left Ventricular Systolic Dysfunction in patients with Heart Failure with Preaerved Systolic Function (Diastolic Heart Failure). Egyptian heart J . Vol . 61 n.2 june 2009	-	2009
20	8. Mahmoud M. A. Yousef MD , Ashraf A. Omar MD, Amany A. Mousa MD , Hamada M. M. Sayed Ahmed MD, Maged Z. Amer MD and Hamza Kabil MD SUBCLINICAL ATHEROSCLEROSIS IN PATIENTS WITH EARLY RHEUMATOID ARTHRITIS. Benha M.J vol. 26 no 1 Jan 2009.	-	2009
21	9. Neama El-Meligy , Hamza Kabil , Heba Mansour , Mohammad Abdel Moneim. Clinical Factors that Influence Response to treatment Strategies in Recent Atrial Fibrillation. Heart Mirror Journal Vol. 1, No. 2, 2007	-	2007
22	Mahmoud M.A. Yousef MD, Ashraf A. Omar MD, Hamada M. M. Sayed Ahmed MD and Hamza Kabil MD. CARDIOVASCULAR DISEASES AMONG EGYPTIAN PATIENTS WITH RHEUMATOID ARTHRITIS AND ITS RELATION TO	-	2009

TRADITIONAL RISK FACTORS. Benha M.J vol . 26 No 1 Jan 2009.

Hesham Khalid Rashid Mosa

#	Publication	Authors	Year
1	• Ali Attia (MD), Heba A. Mansour (MD), Hesham Rashid (MD), Mohamed D.El-Dardir (MD); Hassan M. El-Sawy (MD)(2006): Comparison of stenting with minimally invasive bypass surgery for high grade stenosis of the proximal left anterior descending coronary artery : six months follow up of randomized study . Benha Medical Journal; 23 (1):575 – 595	-	0
2	• El-Sayed A. Mahmoud (MD) ,Heba Mansour (MD) , Reda Biomy (MD) ,Ali I. Attia (MD) , Hesham Rashid (MD) ; and Ehab Y.Farag (M.Sc.) (2006) : The value of pulse – wave Doppler tissue imaging during dobutamine stress Echocardiography in detection of right coronary artery narrowing . Benha Medical Journal ; 23 (1) : 83 – 104	-	0
3	• Hesham Rashid (MD), Heba Mansour (MD), Ahmed Abdel Moneim (MD) ,Mohamed Khalil (MD); and Hatem Helal (M.Sc.) (2006) : Role of percutaneous coronary intervention in management of ischemic patients after coronary artery bypass graft . Benha Medical Journal accepted for publish: 1- 10 – 2006 .	-	0
4	• Hesham Rashid (MD), Metwaly El-Amery (MD), Heba Mansour (MD); and Shimae Mostafa (M.B.B.Ch.)(2004): The value of QTC interval as an adjuvant electrocardiographic variable in the interpretation of stress test for detection of coronary artery disease. Zagazig University Medical Journal : special reprint	-	0
5	• Hesham Rashid (MD), Neama El-Melegy (MD) ,Yasser Hosney (MD) ,Hamza Kabil (MD) ; and Heba Mansour (MD) (2007) : The value of cardiac Troponin I as a predictor of cardiac events after percutaneous coronary intervention . Benha Medical Journal ; 24 (1) : 191 – 216 .	-	0
6	• Ismail Elmofty (MD),Mohsen Abdel-Razek (MD),Hesham Abdel-Rahman (MD),Hesham Rashid (MD) ;and Ahmed El-Refaai (M.B.B.Ch.)(2005): Effect of adenotonsillectomy on pulmonary arterial blood pressure in children with adenotonsillar hypertension . Zagazig University Medical Journal Z; 11 (4) : 2427 – 2436.	-	0
7	• Khaled M (MD), Moaz Ebn Gabal S (MD);and Hesham Rashid (MD) (2004) : Cardiac and pulmonary functions abnormalities in children with beta thalassemia major. Zagazig University Medical Journal ,10 (2) ;518 – 530	-	2004
8	• Reda Biomy (MD) , Neama Ali El-Melegy (MD), Tarek Helmy Abu Elazm (MD), Ali Attia (MD),Hesham Rashid (MD),and Yasser Hosny(MD) (2003) : The treadmill score as a predictor of coronary artery disease . Benha Medical Journal 20 (3) ;1035- 1048	-	2003

Ibrahim Mahmoud Mansour

Mohamed Abdou Mohamed Salem

#	Publication	Authors	Year
1	1. Mohamed salem, Svein Rotevatn, et al. Release of cardiac biochemical markers after percutaneous myocardial laser or sham procedure	-	0
2	2. Mohamed salem, Svein Rotevatn, et al. Long-term results following percutaneous myocardial laser therapy	-	0

Mohamed Ahmed Hamoda

#	Publication	Authors	Year
1	Association Between Carotid Intima-Media Thickness on Ultrasonography and Severity of Coronary Atherosclerosis.Benha Medical Journal May. 2004 VOL. 21 (2)	-	0
2	Association Between Spontaneous Echocardiographic Contrast in Descending Aorta and Platelet Factor 4 and D-dimer in Patients With Non-Rheumatic Atrial Fibrillation. Benha Medical Journal Jan, 2004,vol. 21(1).	-	0
3	Cardiac Troponin I and Myocardial Injury in Acute Cerebral Stroke: Relation to Morbidity and Mortality. Benha Medical Journal Sept, 2003 Vol.20 (3)	-	0
4	Clinical and Angiographic Findings in Egyptian Females with Coronary Artery Disease.Egypt Heart Journal, September 2002Vol 54(3):322-330	-	0
5	Feasibility and Accuracy of Acqustic Quantification and Color Kinesis in Assessment of Regional and Global Systolic left Ventricular Function in Patients with Coronary Artery Disease.Zagazig University Medical Journal Sep., 2001 VOL VII(5)	-	0

6	Helicobacter Pylori and Chlamydia Pneumoniae in Coronary Heart Disease.Benha Medical Journal Sep., 1998 Vol 15(3)	-	0
7	Post-coronary Artery Bypass Grafting Atrial Fibrillation: Role of Amiodarone .Benha Medical Journal Sept. 2003 Vol.20 (3)	-	0
8	Study of Antibodies to B2-Glycoprotein I, Protein C and Protein S as Markers of Arterial and Venous Thrombosis in Patients with Systemic Lupus Erythematosus.Benha Medical Journal, Jan, 2003 Vol 20(1)	-	0

Tarec Helmy Abo Alzm

#	Publication	Authors	Year
1	Role of statin in decreasing level of HS CRP short term clinical outcome in patients with unstable angina and NSTEAMI. Benha M. J.Vol.23 No2 May.	Osama Sanad , Helmy E1-Gwaby, Tarek H. Abou E1-Azm and Mohamed Sabet Hassen.	2006
2	al. Asynchrony of Left Ventricular Systolic Performance After the First Acute Myocardial Infarction in Patients with Narrow QRS Complexes: Doppler Tissue Imaging Study. American Society of Echocardiography echo.	Mohamed Fahmy Elnoamany, Tarek Helmy Abo Elazm, et	2006
3	Cross sectional study by ECG and echocardiography in national teams of Egyptian athletes. Benha M. J. .	Yaser H Abd rhaman* Tarek H abo elazm* Mohamed el namany & Namet eimalegy.	2006
4	Effect of non-surgical periodontal therapy on lipid profile, C-reactive protein and von willibrand factor in patients with coronary heart disease and chronic periodontitis. Alexandria dental journal Vol. 31,	Tarek H. Abo ElAzm, Hafez Diab** and Sahar Ghoraba.	2006
5	et al. Mid-term clinical and angiographic follow-up after percutaneous transluminal coronary angioplasty for treatment of coronary in-stent restenosis. Benha M. J. Vol. 21 No2 May	Ahmed Abdel-Menaim , Tarek Abu-El-Azm,	2004
6	et al. Relation between insulin resistance in type II DM and coronary heart disease. Zagazig M. J. Vol. XII No3 July .	Heba Mansour, Osama Sanad, Tarek Abo Elazm,	2006
7	Fetal and neonatal responses following maternal exposure to mobile phone. kasr el aini medical journal vol.	Ahmed Y Rezk, Khaled Abdulqawi , Randa M Mustafa and Tarek Abo El Azm.	2004
8	The treadmill score as a predictor of coronary artery disease. Benha M. J. Vol. 20 No 3 Sept.	Reda Biomy , Neama Ali El-Melegy , Tarek Helmy Abu Elazm , Ali Attia, Hesham Rashid and Yasser Hosny.	2003

Ahmed Mohamed Ramzy Ahmed

Ahmed Youssef Ahmed

#	Publication	Authors	Year
1	assessment of left ventricular function by transesophageal echocardiography after mitral valve surgery. Benha M. J.Vol. 14 No 3.	Ahmed Abdel Moneim MD, Heba A. K. Mansour MD, et al.	1997
2	Effects of thrombolytic therapy on signal- averaged electrocardiogram in patients with acute anterior myocardial infarction. Benha M. J. Va!. 15 No 1.	Ahmed Abdel Moneim MD, Heba A. K. Mansour MD, et al.	1998
3	Isolated systolic hypertension (ish) among elderly egyptians, is there a hidden risk? Benha M. J. Vol. 13 No 1.	Ahmed Abdel Moneim MD, Heba A. K. Mansour MD, et al.	1996
4	Role of ambulatory blood pressure monitoring in evaluating hypertensive patients with & without left ventricular hypertrophy. Benha Medical journal, 1998: 15:3.	Ahmed Moneim, Khaled Elrabat, et al.	1998
5	Sociomedical pattern of rheumatic fever in school children in benha. Benha M. J. Vol. 14 No 2.	Ahmed Abdel Moneim MD, Heba A. K. Mansour MD, et al.	1997
6	Troponin T as a non-invasive predictor of successful reperfusion after thrombolytic therapy for acute myocardial infarction. Benha M. J. Vo. 14 No 2.	Ahmed Abdel Moneim MD, Heba A. K. Mansour MD, et al.	1997

Belal Sayed Ahmed Mahmoud Selem

Fathy Mohamed Ibrahem Swailem

Hossam Eldin Ibrahim El Dosoky

Mohamed Abd El Kader Awad Elian

	Mohamed Abdel Shafy Mohammady Tabl	✉	
	Mohamed Hassan Ibrahim Hassan Abdel Salam	✉	
	Mohamed.hassan	✉	
	Sheamaa Ahmed Mustafa	✉	
	Al-Shimaa Mohammed Sabry El-Said	✉	
	Amr.alnagar	✉	
	Ashraf Ali Mohamed Salem	✉	
	Hany Hassan Ahmed Ebaid	✉	
	Karim Mohamed Ahmed	✉	
	Mohamed Mahros Ali Mohamed	✉	
	Mohamed Saeid Mohamed Saeid Darwish	✉	
	Said Fawzy Tawfik Hassanein	✉	
	Shereen Mohamed Khalid	✉	
	Mahmoud Shawky Abd El Moniem Akl	✉	