

Summary of Clinical, Laboratory Research & International Activity (to April 2005)

INVITED LECTURESHIPS

>Session Chairman (Trauma Section)

(Use of a specially-designed stretcher in thoracic injury). 1st Intl. Symposium on Chest Deformities. Tokyo, Japan March 12-13, 1987.

>Guest Lecturer

(Histamine release in Pediatric Cardiopulmonary Bypass). Department of Pharmacology, Tohoku University. The Japanese Histamine Society. Sendai, Japan, March, 1987.

>Session Chairman (Histamine and the Circulation)

(Histamine in the Extracorporeal Prime Circulation). The European Histamine Research Society 16th Meeting, High Tatras, Czechoslovakia. May 20 - 25, 1987.

>Session Chairman (Histamine and the Circulation)

(Histamine, Relevance to CPB.). The European Histamine Research Society 17th Meeting, Copenhagen, Denmark, May 18-23, 1988.

>Session Chairman (Cardiothoracic Trauma Section)

(Use of a specially-designed stretcher in thoracic injury). The 2nd Basrah War Surgery, University of Basrah, Iraq, November, 1988.

>Visiting Cardiac Surgeon (Operating Workshop)

(Adult valve/coronary presentations). The Maadi Hospital, Cairo, Egypt 1987.

>Visiting Cardiac Surgeon (Operating Workshop)

(Adult & Pediatric CVT presentations). The Military Hospital, Alexandria, Egypt 1988.

>Invited Keynote Speaker (Vascular Injuries Section)

(Report of 60 Popliteal Artery Aneurysm presentations). Intl. Society Meeting, Kuwait, (North African Chapter) November, 1990.

>Invited Speaker (Surgical Grand Rounds)

(Thoracic War experience - Iran-Iraq war). Dept. of Surgery Emmanuel Hospital (Class I Trauma), Portland, OR, U.S.A., 1990.

>Invited Speaker

(Hyperviscosity Syndrome Following Total Circulatory Assist in Paediatric Heart Surgery). International Workshop on Updates in Cardiac Surgery, Madras Medical Mission, India, 1990.

>Invited Speaker (Surgical Grand Rounds)

(Histamine -its shock effect in CPB). Dept. of Surgery Emmanuel Hospital (Class I Trauma Center), Portland, Oregon, U.S.A., 1990.

>Discussant/Participant

(Techniques of harvesting muscle). 4th World Symposium on Transformed Skeletal Muscle for Cardiac Assist. Palm Springs, California, October, 1990.

>Discussant/Participant

(Report of muscle stimulation in dogs - with Dr H Sola). Dynamic Myoplasty "The Latissimus Dorsi Muscle Wrap Procedure". Organizing participant for Dr Alain Carpentier, St Vincent Hospital Portland, OR, USA July, 1990.

>Invited Keynote Speaker (Pediatric Cardiopulmonary Bypass)

(Histamine-sparing procedures in CPB). International Workshop on Updates in Cardiology and Cardiac Surgery, Madras, India, January, 1991.

>Invited Speaker, (Histamine & Cardiopulmonary Bypass)

(Rheological issues in CPB) North African Chapter of International Society of Cardiovascular Surgery, Cairo, Egypt September, 1992.

>Invited Speaker, (Aprotonin in Cardiopulmonary Bypass).

(Management in pediatric cases utilizing TCA). University of South Florida & Society of Perfusionists, Tampa, FL, USA 09/ 1994.

>Invited Speaker

(Transmyocardial Laser Revascularization - Evaluation of Channel Formation). Amer. College of Surgeons, San Juan, Puerto Rico, Feb. 1996.

>Invited Speaker

(Transmyocardial Laser Revascularization - Evaluation of Channel Formation & Worthiness of Clinical Application) - Salvadorean Central American Society of Cardiothoracic & Vascular Surgeons, San Salvador, El Salvador, CA, October 1996.

>Invited Speaker

Cardiac Surgical Management of neglected end-stage heart disease in Third World Countries. Cardiological Visiting Lecturers Conference, University of South Florida, Tampa, Florida, USA. March 1997.

>Invited Speaker

"Ethical & Logistical Considerations for Cardiac Surgery in Underdeveloped Countries". Presented at Mechanisms of Perfusion XIV, Orlando, Florida [April/May, 1999].

>Invited Speaker

Cardioplegia in Y2K: Scientific, crucial and legal issues. Presented at Mechanisms of Perfusion XV, Orlando, Florida [May, 2000].

>Invited Speaker

Cardiac surgery and biomedical development in third world countries: International Biomedical Society, University of Stanford, Palo Alto, CA, USA, February, 2003.

>Invited Speaker

International Cardiac Surgery: the moral imperatives vs the practical realities. Medicina Umanitaria, International Heart School, Bergamo, Italy, March 2003.

>Invited Speaker

International Cardiac Surgery: setting up a start-up unit in Gorgan, Northern Iran. The Third Congress of Iranian Society of Cardiac Surgeons. September 24th, 2003.

>Special Lectures & Presentations on the work of CardioStart Inc.-

1. The Rotary Club of Tampa, Florida, USA.[1995]
2. The Sertoma Club of St Petersburg, Florida, USA. [1995,1996].
3. The Leadership Forum, Tampa General Hospital Administration's Management Staff.[1996]
4. The National Management Association of USA, TGH Chapter 821 [1996].
5. The Rotary Club of Brandon, Florida [March 1996].
6. The Rotary Club of Managua, Nicaragua [November 1997].
7. Cardiology/Cardiac surgery group, St Vincent Hospital, Portland, OR, USA. [April, 1999].
8. Cardiology Group, Bridgeport, CT, USA [April, 1999].
9. Intensive Care Staff of Toronto Sick Children's Hospital, Ontario, Canada [May, 2000].
10. Critical Care and Cardiology group, Edwards & Rush Presbyterian Hospitals, Chicago, ILL., USA [May 2000].
11. International Hospital for Children. Presentation on the work of pediatric heart surgery in third world countries June 2002, Richmond, Virginia, USA.
12. Rotary Club, Woodland Hills, California, USA August 2003.
13. Rotary Club, Tampa, Florida, USA. April 2007

> Invited Speaker

5th Biennial International conference in cardiothoracic surgery: Developing a new heart surgery program: "Tips for success & pitfalls to avoid." Pearl Continental hotel & Conference center, Lahore, Pakistan, March 2005.

PRESENTED ABSTRACTS at INTERNATIONAL MEETINGS**>Sinus of Valsalva Fistulation - Operative Management Strategy in Dealing With the Unexpected. A.**

Marath and I. Reece. Presented at the First Jordanian Cardiac Society Conference, October 26-28, 1988, Amman, Jordan.

>In-Vitro Evaluation of Histamine Release in the Extracorporeal Circuit of Paediatric

Cardiopulmonary Bypass. A. Marath, N. Cross, W. Man and Professor K.M. Taylor. Presented at the European Histamine Research Society in Copenhagen, May 11-15, 1988. Copenhagen, Denmark.

>Serious Thoracic/Pulmonary Injury in War Trauma/Major Accidents: An Improved Device for Immediate Resuscitation and Subsequent Management of the Chest Deformity.

A. Marath, N. Hamza and I. Iman. November, 1988, Presented at the Second Basrah War Surgery Conference, November 26-28, 1988, University of Basrah, Iraq.

>The Management of Aneurysms and Arterio-Venous Fistulae of the Popliteal Artery Arising From

War Trauma - Emphasis on Sigmoid Operative Approach. N. Hamza and A. Marath. Presented: at the Second Basrah War Surgery Conference, November 26-28, 1988, University of Basrah, Iraq.

>Tidying Up After Thoracic Surgery: Improved Use of Silastic Foam Preparations With Beneficial

Cosmetic and Psychological Results. A. Marath, N. Hamza and I. Iman. Presented at the 1st International Symposium on Chest Deformities, March 1987 Tokyo, Japan.

>Dealing With Major Trauma, Chemical Warfare and the Requirement of NBC Clothing: Report of a new stretcher with external antenna that improves immediate resuscitation, evacuation and subsequent management of thoracic injuries.

A. Marath, N. Hamza, I. Iman and J. Short. Presented at the International Conference on Hospitals in War, June 1987 Stockholm, Sweden.

>Histamine Release in Paediatric Cardiopulmonary Bypass - Early Observations.

A. Marath, W. Man, K.M. Taylor, P. Deverall and C. Lincoln. Presented at the Society of Thoracic and Cardiovascular Surgeons of Great Britain and Ireland, September, 1987, Norwich, England, UK.

PRESENTED ABSTRACTS (continued)

>Cardiopulmonary Bypass and Total Circulatory Arrest in Cerebral Aneurysm Surgery - Does Brain Damage Actually Occur? A. Marath, P. Richards, J.M. Rice-Edwards, C. Lincoln and A. Barton. Presented at the Society of Thoracic and Cardiovascular Surgeons of Great Britain and Ireland, September, 1987, Norwich, England, UK.

>Postoperative Blood Transfusion Following Neonatal Profoundly Hypothermic Cardiac Surgery - Marked Variations in Viscosity (at low rates of shear) and Potential Clinical Significance. A. Marath, V. Rao, T.C. Pearson and P.B. Deverall. Presented at the Society of Thoracic and Cardiovascular Surgeons of Great Britain and Ireland, Sept 1987, Norwich, England, UK.

>Histamine Release in Paediatric Cardiopulmonary Bypass - Report of Extremely High Levels in 37 Arbitrarily Chosen Donor Blood Primes. A. Marath, W. Man and K.M. Taylor. Presented at The European Histamine Research Society, May 21 -25, 1986, Odense, Denmark.

>Blood Filtration: A Potent Source of Histamine Release. A. Marath, W. Man, K.M. Taylor and P.B. Deverall. Presented at The European Histamine Research Society Meeting, May 1987, Bratislava, High Tatras, Czechoslovakia.

>Isolation and Properties of Pulmonary Mast Cells in the Pig. K.P.B. Leung, A. Marath, C. Drew, T. Williams, F.L. Pearce Presented at the 16th European Histamine Research Society Meeting, May 1987, Bratislava, High Tatras, Czechoslovakia.

>Plasma Histamine Profiles in Paediatric Cardiopulmonary Bypass. A. Marath, W. Man, K.M. Taylor, P.B. Deverall, S. Parsons, C. Lincoln and A. Kimberley. Presented at the 16th European Histamine Research Society Meeting May 1987, Bratislava, High Tatras, Czechoslovakia.

>Risk of Hyperviscosity in Infant Cardiac Surgery Using Total Circulatory Arrest. A. Marath, T.C. Pearson, O. Jones, C. Lincoln and P. Deverall. Westminster and Guy's Hospitals, London, U.K. Presented at 2nd International Conference, "Biointeractions", July 1987. Surrey, England, UK.

Plasma Histamine Profiles in Paediatric Cardiopulmonary Bypass - Clinical Significance. A. Marath, W. Man, K.M. Taylor, P. Deverall, S. Parsons and C. Lincoln. Presented at the 16th European Histamine Research Society Meeting, May 1987, Bratislava, High Tatras, Czechoslovakia.

>The Clinical Significance of Elevated CSF and Plasma Histamine in Cerebral Aneurysm Surgery Utilizing Cardiopulmonary Bypass with Total Circulatory Arrest. A. Marath, P. Richards, W. Man, K.M. Taylor, C. Lincoln, N. Soni, J.M. Rice-Edwards and A. Bartoli. Presented at the 17th European Histamine Research Society Meeting, May 1988, Copenhagen, Denmark.

>Lung Abscess - A Review of 73 Cases 1979-89. A. Ahmad, A. Marath, H.S. Floten, K. Sorenson, S. Parikh, M. Vetto. St. Vincent Hospital and Medical Center, Portland, Oregon. Presented at the 1991 Annual Meeting, Pacific Coast Surgical Association, Pebble Beach, California.

>Controversies in Cardiovascular Anesthesia - is Cardioplegia the Optimum Solution? H Storm Floten, A Marath. Presented at the 12th Annual Meeting of the Society of Cardiovascular Anesthesiologists. May 1990, Orlando, Florida.

>Post-Operative Blood Transfusion Following Neonatal Profoundly Hypothermic Cardiac Surgery Marked Variations in Viscosity (at low rates of shear)- Potential Clinical Significance. A. Marath, V. Rao, T.C. Pearson, C. Lincoln and P. Deverall. Presented at The European Society for Cardiovascular Surgery, September 9-12, 1990, Budapest, Hungary.

>The Intermittent Cross Clamp Technique for Coronary Artery Surgery: Our NonSelective Twenty Year Experience. A. Marath, P. Vajtai, H. Storm Floten, A. Starr. Presented at The European Society for Cardiovascular Surgery, September 1990, Budapest, Hungary.

PRESENTED ABSTRACTS (continued)

>**Cloth-Covered Valves Revisited: Fifteen Year Follow-up With the Starr-Edwards Track Valves.** J. Swanson, A. Marath, C.L. Fessler, P. Massimiano, A. Starr. Presented at The European Society for Cardiovascular Surgery, Sept 1990, Budapest, Hungary.

>**A New Type of Adjustable Pulmonary Arterial Band.** A. Marath, Presented at Cardio-Stim, Sixth International Congress, June 1988, Monaco, France.

>**A New Stretcher With External Antennae for Use in Major Trauma for Improved Resuscitation, Evacuation and Subsequent Management.** A. Marath and N. Hamza. Read at the Nineteenth World Congress of the International Society for Cardiovascular Surgery. September 1989, Toronto, Ontario, Canada.

>**The Management of Popliteal Vascular Injuries Using the Sigmoid Operative Approach.** N. Hamza & A. Marath. Read at the Nineteenth World Congress of the International Society for Cardiovascular Surgery. September 1989. Toronto, Ontario, Canada.

>**Histamine Release in Cardiomy Suction Return - An Investigation of Adult Cardiopulmonary Bypass Using Cardioplegia Protection of the Heart.** D. Withington, A Marath, W. Man and K.M. Taylor. Read at the Nineteenth World Congress of the International Society for Cardiovascular Surgery. September 1989, Toronto, Ontario, Canada.

>**The effect of myocardial protection on plasma histamine in the cardiomy suction effluent during open heart surgery.** A. Marath, W. Man, J. Ojukwu, P. Deverall and K.M. Taylor. Presented at The European Histamine Research Society, Malaga, Spain, 1992.

>**Transmyocardial Laser Revascularization - evaluation of channel formation.** A. Marath, L. Ondrovic, A. Gonzalvo, & W. Angell. Presented to the 17th meeting of International Society of Cardiac Surgeons, Madrid, Spain, December 1995.

>**Transmyocardial Revascularization of the Heart: Clinical Applications.** H Nagamia, A Marath, & W Angell. Presented to the 29th Annual Islamic Medical Association, Convention, Columbus, Ohio, USA, August 1996.

>**Va/Q Relationships & Dead Space after Reduction Pneumoplasty.** DN Thrush, A Marath, P McKeown, M Hodges, C Jackson & P Preece. Presented to the American Society of Anesthesiologists, New Orleans, Louisiana, USA, Oct 1996.

>**Relevance of Whole Blood Viscosity to the clinical management of Congenital Cardiac Disease utilizing hypothermic bypass and total circulatory arrest.** A Marath. C Mutthumani, Tampa, FL, USA. Poster presentation to 45th International Congress of the European Society for Cardiovascular Surgery, September, 1996, Venice, Italy.

>**Transmyocardial Laser Revascularization - Evaluation of Channel size in relation to signal strength.** A Marath, A Gonzalvo, L Ondrovic, & W Angell. Invited Discussant at the 45th International Congress of the European Society for Cardiovascular Surgery, September, 1996, Venice, Italy.

>**Thoracoscopic Reduction Pneumoplasty, in a Single Lung Transplant Recipient with Alpha-1 Antitrypsin Deficiency.** P McKeown, D Solomon, A Marath & P Conant. Presented to Royal Australasian College of Surgeons Annual Scientific Congress, May 1995, Perth, Australia.

Replacement of The Ascending Aorta during Orthotopic Heart Transplantation.

P McKeown, A Marath, D Bognolo & P Conant. Presented to Royal Australasian College of Surgeons Annual Scientific Congress, May 1995, Perth, Australia.

>**Successful Resection of Massive Left Ventricular Tumor using Adjunctive Video Cardioscopy.** P McKeown, P Conant & A Marath. Presented to Royal Australasian College of Surgeons Annual Scientific Congress, May 1995, Perth, Australia.

PRESENTED ABSTRACTS (continued)

>**Reduction Pneumoplasty - Evaluation of Dead Space by MIGET Analysis (Multiple Inert Gas Technique).** A Marath, S Turnage, J Rasanen, D Thrush, R Smith, D Solomon, P McKeown, M Hodges, C Jackson, P Preece, University of South Florida, Tampa, Fl USA. Presented at ACCP, San Francisco, USA, October 1996.

> **International Cardiac Surgery: Starting a cardiac program in a developing country.** A Marath. Ist International Conference in Cardiac Surgery for Developing nations. Lahore, Pakistan, March 2005.

> **A new international database for developing countries.** A Marath, L Andersen, G Crupi, M Davis, S Holme & T Orvald. . Ist International Conference in Cardiac Surgery for Developing nations. Lahore, Pakistan, March 2005.

> **International Cardiac Surgery: The tough operative choices in valve management in a developing country setting.** Aubyn Marath, Giancarlo Crupi, Raphael Lezama, Raul Cruz Molina, Aneida Melgar, Eduardo Esqueche, Raul Hernandez , Susanne Holme & Steve Sosebee. . Presented at The 4th World Congress, Buenos Aires, Argentina Sept. 18-22, 2005.

> **An international database for developing countries.** Aubyn Marath, Eliana Morla, Fiorella Alvaro, Aneida Melgar, Giancarlo Crupi, Lars Andersen, Matt Davis & Susanne Holme. Tampa, USA, Arequipa & Lima, Peru, Bergamo, Italy & Copenhagen, Denmark. Presented at The 4th World Congress, Buenos Aires, Argentina Sept. 18-22, 2005.

> **Creation of a Pediatric and Congenital Heart Surgery Outcomes Database for Developing Nations.** Aubyn Marath, Suzanne Shepard, Susan Nesbit, Janine Henson, Jodi Gunther, Lynn Shaftel, Eliana Morla, Paul Barach, Jeffrey P. Jacobs. Presented as a poster at The World Society for Pediatric & Congenital Heart Surgery, inaugural meeting, Washington, DC, USA, May 3-4, 2007.

ORIGINAL REPORTS

>**Histamine release in paediatric cardiopulmonary bypass - A possible role in the aetiology of the Capillary Leak Syndrome.** A. Marath, W Man and K.M. Taylor. Agents & Actions, Vol 20, 3/4, 1987.

>**Isolation and properties of pulmonary man and cells in the pig.** K.P. Leung, A. Marath, C. Drew, T. Williams and F.L. Pearce. Agents & Actions, Vol. 20,1987.

>**Histamine release in Paediatric cardiopulmonary bypass - Is there as correlation with priming temperature?**

A Marath, W. Man and K.M. Taylor. Perfusion 1988 3: 287-293.

>**Plasma Histamine profiles in paediatric cardiopulmonary bypass.** A Marath, W. Man, K.M. Taylor, P. Deverall, S. Parsons, C. Lincoln and A Kimberley. Agents & Actions, Vol. 23,1988.

>**Cerebral aneurysm surgery utilizing cardiopulmonary bypass with hypothermic total circulatory Arrest - CSF and plasma histamine profiles.** A. Marath, P. Richards, W. Man, K.M. Taylor, C. Lincoln, N. Soni, J. Rice-Edwards and A Bartoli. Agents & Actions, Vol. 23,1988.

>**Management of difficult intracranial aneurysms by cardiopulmonary bypass, deep hypothermia and elective total circulatory arrest.** P. Richards, A Marath, J.M. Rice-Edwards and C. Lincoln. British Journal of Neurosurgery,1987;1;1(2).261-9.

>**Phenol irrigation in the palliation of malignant mucus-secreting pleural mesothelioma.**

A. Marath, A. Manche and E.J.M. Weaver. Journal of Royal Society of Medicine. September, 1987.

>**Paediatric extracorporeal priming procedures: does low temperature priming promote histamine release?** A. Marath, W. Man, K.M. Taylor. Perfusion 1988 3:287-293.

>**A New Type of Pulmonary Artery Band.** A Marath. P.A.C.E., June, 1988 (Suppl.135).

ORIGINAL REPORTS contd

>**The management of aneurysms and arterio-venous fistulae of the popliteal artery arising from war trauma - emphasis on sigmoid operative approach.** N. Hamza, A. Marath, and M.R. Al-Fakhry. J. Cardiovasc. Surg. 31,457-461 1990.

>**Lung-Abscess - A Review of 73 Cases 1979 - 1989.** A. Ahmad, A. Marath, H.S. Floten, K. Sorenson, S. Parikh, M. Vetto. Archives of Surgery 1991.

>**The Intermittent Cross-Clamp Technique for Coronary Artery Surgery: Our Non-Selective Twenty Year Experience.** A. Marath, P. Vajtai, H. Storm Floten, A Starr. Journal of Cardiovascular Surgery 1991.

>**A design concept for the manufacture of a new artificial valve for intra-cardiac implantation.** Candidature for The International Rolex Award for Enterprise, Switzerland 1993. A Marath. Awarded 'Selected Project' category prize 1993.

>**Can a dilated coronary sinus produce left ventricular inflow obstruction?** A Cochrane, A Marath, R.B.B Mee. Annals of Thoracic Surgery 1993.

REVIEWS, CHAPTERS, EDITORIALS

>**The Immediate Resuscitation and Subsequent Management of Serious Thoracic Injuries: A New Concept in Dealing With Major Trauma NBC/Chemical Warfare - Incorporating a New Stretcher Design.** A chapter in "Chest Wall Deformities & Their Operative Treatment". Ed: T Yokoyama. 1991

>**Tidying Up After Thoracic Surgery: External Use of Silastic Foam and Application Following Breast Cancer.** A chapter in "Chest Wall Deformities and Their Operative Treatment". Ed: TYokoyama 1991

> **"Mitral Valve Replacement - An Overview"**. Chapter prepared for Heart Institute, St. Vincent Hospital and Medical Center, Portland, Oregon, for Subdivision to "Current Problems in Surgery". W. Mosby Co. 1991 Book Medical Publishers.

>**"Modified Root Replacement - Influence of Implant Technique on Allograft Durability"**. Chapter (with W.Angell) For 2nd edition of "Cardiac Reconstructions with Allograft Tissues" [Ed: Richard Hopkins] (accepted).

Heart Surgery in Gorgan, Iran. Article published in Persian Heritage. Vol. 8, No. 29, Spring 2003.

LETTERS/DISCUSSION FORUM THROUGH INTERNET

1. Management of Fontan Operation:- Discussant with Dr Sherman Turnage, November 1996 (<TURNAGEM@wpogate.slu.edu>) Management advice regarding child with RV dominant univentricular heart morphology.

2. Adult presentations of Tetralogy of Fallot:- Discussant with O N Sivarajan, February 5th 1997. (<sivaraj@giasmd01.vsn=1.net.in>) Management concepts for late presentations of Fallots Tetralogy.

MEDICAL VIDEO PRESENTATIONS

> **Transmyocardial Laser Revascularization - technical operative issues in use of laser to optimize channel formation.** March 1996. A Marath, A Gonzalvo, L Ondrovic, & W Angell, for University of South Florida, in collaboration with Eclipse Inc., Palo Alto, California, USA.

> **Transmyocardial Laser Revascularization - pathological features in relation to channel formation & potential for arborization.** December 1996. A. Marath, A Gonzalvo, L Ondrovic, & W Angell, for University of South Florida, in collaboration with Eclipse Inc., Palo Alto, California, USA.

> **Compassionate Cardiac Surgical Management of Congenital Heart Disease in Southern Peru.** Channel 10 (Tampa, Florida, USA) Newsreel Video August 1996.

PRIZES, AWARDS, SPORTS & COMMUNITY ACHIEVEMENTS**Prizes:-**

1. Hutchinson Anatomy Prize 1971. Runner-up. (*The Royal London Hospital, London, U.K.*)
2. Charington Physiology Prize 1973. 3rd Prize. (*The Royal London Hospital, London, U.K.*)

Awards:-

1. Diplomat & freedom of The City,
- conferred by the Mayor Of Guatemala City, 18th March 1996.
2. Certificate of Honor
- conferred by Unidad de Cirugia Cardiovascular de Guatemala, March 1996.
3. Certificate of Honor,
- conferred by Ms Keiko Fujimori (First Lady of Peru), on behalf of Fundacion Peruana Cardioinfantil, July 1996.
4. Humanitarian Award,
- conferred by Monsignor Lucio Garrido, Cuajone, Southern Peru, July 1996.
5. Certificate of Recognition,
- by Asociacion Internacional de Clubes de Leones Distrito D-2, El Salvador, Oct. 1996.
6. Plaque of Honor,
- conferred by Shifa International Hospital, Islamabad, Pakistan, January 1997.
7. Certificate of Excellence,
- conferred by Ministerio de Salud, Hospital Fonseca, Managua, Nicaragua, Mar 1997.
8. Service to Mankind Award,
- conferred by Sertoma Health Professionals, Tampa, Florida, April 1997.
9. Service to Mankind Award,
- conferred by Sertoma Health Professionals, Hillsborough County Award, June, 1997.
10. Certificate of Appreciation
- conferred by the Palestinian National Authority, Ministry of Health 2001, 2002.
11. Certificate of honor
- given by Mr. S Sosebee, President, Palestinian Children's Relief Foundation, 2002.
12. Winner, 55th United Nations Human Rights Award International Specialist Medical Assistance to Developing Countries
- presented at the 13th Bahari Foundation Award, Los Angeles, California, USA 2003.
13. Freedom of the City of Arequipa, presented October 1st, 2005.
14. Freedom of the City of La Joya, presented, October 6th 2005
15. Member, CardioInfantil, (National representation for pediatric cardiac surgery) Peru. Invited March, 2006.
16. Awarded accolade: 12 Heroes of the USA Award, Oct. 07 Catholic Digest, USA.

Community achievements:-

1. Editor - University of London Student Journal 1973.
(*The Royal London Hospital, London, U.K.*)
2. President, London Medical Group 1974-75.
(*Ethical Society for Medical Issues, London, UK.*)
3. Chairman, Board of Governors, St. Patrick's (R.C.) School. 1986-87. (*London, UK*)
4. R.C. Counselor, Edmonton Maximum Security Jail, 1992-4
(*Edmonton, Alberta, Canada*).
5. Counselor, Youth Shelter, 1993-4. (*Edmonton, Alberta, Canada*).
6. President & founder of CardioStart Inc., 1992 - present. (*A registered charity in Tampa, Florida, Georgia, Connecticut, USA, & London, England, UK. Tax ID # 39-22-124884-56C*).

International Cardiothoracic Surgical & Medical Developments & Publicity:-**Television & Radio Broadcast Presentations & Interviews:-****USA**

1. Radio Broadcast - "The work of Cardiostart" 127 WC, November 1995.
2. Channel 5: First Homograft insertion in Guatemala, March 1996.
3. Channel 3: First use of vascular stapling device to treat the Fontan operation, March 1996.
4. Channel 7: General accomplishments of UNICAR, Guatemala, March 1996.
5. Peruvian Television Nationale visit by Ms Keiko Fujimori, First Lady of Peru, July 28th 1996.
6. Channel 10 (Florida, USA) Report - "Man of the Week" 5th August 1996.
7. Pakistan Television 1. Inauguration of Cardiac Surgery at Shifa International Hospital, Islamabad, Pakistan. Jan. 1997.

8. Pakistan Television 2. The work of Cardiostart. Interview on Breakfast show 7th January 1997.
9. Pakistan National Radio. "The work of Cardiostart". Interview 12th January 1997.
10. Nicaraguan national radio broadcast network. Interview 12th March 1997.
11. Channel 2, Managua Television. Interview - Ms Aleman, First Lady of Nicaragua. 1st March 1997.
12. Channel 2, Managua Television. Filming of first heart operation in permanent center for Nicaragua.
13. Channel 2, Managua Television. Filming of first homograft transplant recipient. 11th March 1997.
14. CBS News. \$3.2 million US donation and first operation from Florida medical group. 7th March 1997.
15. Mexican Television: Interview on "Central American Heart Surgery development". October 30th, 1997.
16. Nicaraguan national radio broadcast network. Interview 3rd November 1997.
17. Channel 2, Managua Television. First heart operation by Nicaraguan Surgeon, 3rd November 1997.
18. CNN world news: "Nicaragua gets \$10million donated equipment & heart center", 10th November, 1997.
19. Channel 10 News (Florida WTSP, Paul Kasper) Feature report on Cardiostart's historic mission to Haiti: 30th April 1999.
20. Channel 12 News (Connecticut): Half-hour documentary on CardioStart's relief of Haiti. 23rd May 1999.
21. Radio Kiskeya (Haiti) [88.5FM Louis Robenson]: Expectations for cardiac surgery mission to Port-au-Prince, 1st May 1999.
22. De Haiti Inter. (Haiti) [106FM Lambert Yves]: Surgeries planned for HUEH. 1st May 1999.
23. Haiti Television Network [Clivens St Cima]: First visit to Haiti. 2nd May 1999.
24. Radio Vision 2000 (Haiti, 99.3FM Cesar John Guetty) Comments on success of Haiti mission, 14th May 1999.
25. Radio Ginene (Haiti, 92.9FM, Bellevue). Comments on operations performed and Haitian response. 14th May 1999.
26. Channel6, Middle east News. Interview with Minister of Health. September 2001.
27. Channel 10. Ramallah News Agency. CardioStart's view on 9/11.
28. Channel 3, Middle East TV network. "Why do we want to help Ramallah. September 2001".
29. The first bronchoscope donated to Pyrigov University "Vita" Channel, Vinnitsa, Ukraine, October 2002.
30. VDT6X, TeleRadio Company, Vinnitsa, Ukraine, October 2002.
31. The following TV stations filmed interview & features of operative successes in Gaza, Palestine, 2002.
 - CBS News
 - MBS Worldwide
 - Associated Press TV network
 - Associated Press Radio network.
 - Reuters TV network
 - Palestinian Satellite TV station
32. Channel 2,4 7 and Iran TV. Interviews about the mission to Gorgan, Golestan, Iran, Sept. 2003.

Newspaper & Journal Articles:-

USA

- St Petersburg Times, Floridian Section, May 26th 1996. ["A mission of healing"].
- Tampa Tribune, October 1995. ["CardioStart" by Steve Otto].
- Medical Business, Gulf Coast Edition, December Vol.1, No.4, 1995. ["Physician brings CardioStart world headquarters to Tampa"].
- Tampa Business Journal, Chamber of Commerce, July 1995.
- Inside USF, Nov 17-30, 1995. ["Heart Surgeon's team travels to war-torn nations"].
- Wednesday Report, Tampa General Hospital Publication August 1996
- Quarterly Report, University of South Florida Journal (two articles) 1995.6. ["Cardiostart provides free surgery, medical equipment to countries in need"].
- Campus Journal, University of South Florida Journal (two articles) 1995.6.
- Latino Internacional, October 10th 1996.
- Suncoast News, November 2nd 1996. ["Mission accomplished"].
- USF Catalogue, Summer Edition, Vol.38, No. 3 1996. ["Fixing broken Hearts"]
- Tampa Tribune, December 2nd 1996. [Audit declaration].
- Rotarian quarterly Magazine article Sept. '04: CardioStart goes to any country in need".
- Tampa Tribune, Metro article. March 11th '07: Taking the poor to heart. www.tampatrib.com

Central America

Guatemala

- Prensa Libre, 9th March 1996. ["Medicos norteamericanos realizaron operaciones del corazon a 40 ninos"].
- Siglo Veintiuno, 19th March 1996. [Realizan primera operacion de implante de arteria pulmonar"].
- Prensa Libre, 20th March 1996. ["Implante de arteria pulmonar fue un exito y paciente se recupera satisfactoriamente"].
- Siglo Veintiuno, 24th March 1996. ["Homenaje a medicos cardiovasculares"].

El Salvador

- La Prensa grafica, El Paiz, October 6th 1996. ["Operaciones de corazon abierto"].
- La Prensa grafica, Sucesos. ["Extranjeros en cirugias de corazon abierto"] two articles:-

Aug 6th, Oct 24th, 1996.

Nicaragua

- El Nuevo Diario, 3rd March 1997. ["Cirugias de corazon abierto en el Lenin"].
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