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| Principal Investigator: | | Hutton, Kevin | |
| BIOGRAPHICAL SKETCH | | | |
| NAME Kevin Hutton, MD, FACEP, CHC | | POSITION TITLE CEO and Founder of Golden Hour Data Systems Inc. – EMS Information and Revenue Management | |
| EDUCATION/TRAINING | | | |
| INSTITUTION AND LOCATION | DEGREE (s) | YEAR(s) | FIELD OF STUDY |
| University of Southern California, Los Angeles, California | B.S. | 1978-1982 | Biology |
| Georgetown University School of Medicine, Washington, D.C. | M.D. | 1983-1987 | Medicine |
| University of Pittsburgh, Pittsburgh, PA University of Pittsburgh Affiliated Residency in Emergency Medicine and Center for Emergency Medicine of Western Pennsylvania, Pittsburgh, Pennsylvania | | 1987-1990 | Internship and Residency - Emergency Medicine |
| University of California at San Diego, Connect Springboard Program and Business Technology Entrepreneurship Training, San Diego, California | | 1998-1999 | Business Technology and Entrepreneurship |
| CHC, Health Care Compliance Board certified, Healthcare Compliance Healthcare Compliance Academy, Los Angeles, California | | 2005 | Health Care Association Compliance |

A. Positions and Honors (in chronological order):

Positions

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| CEO and Founder, Golden Hour Data Systems Inc.- EMS Information and Revenue Management | 1997-present |
| Chief Compliance and Privacy Officer, Golden Hour Data Systems, Inc. | 2000-2005 |
| Chairman of the Board, Golden Hour Data Systems Inc. | 2002-present |
| Attending Emergency Physician, Palomar Medical Center | 1993-present |
| Attending Emergency Physician, Scripps Memorial Medical Center | 1995-present |

Background Experience:

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| Member, QualComm Wireless Medicine Advisory Board, San Diego California | 2001-03 |
| Medical Director, Life Flight-San Diego Air Medical Service, UCSD Medical Center | 1990-95 |
| Assistant Director, Paramedic Base Hospital, UCSD Medical Center | 1990-91 |
| Base Hospital Medical Director, Scripps Memorial Hospital | 1995-97 |
| Flight Physician--STAT, Critical Care Transport Program, University of Pittsburgh | 1987-90 |

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| Emergency Medical Service Command Physician, City of Pittsburgh Bureau of EMS | 1987-90 |
| National Disaster Medical Assistance Team (DMAT), Pittsburgh, Pennsylvania | 1987-91 |
| Assistant Director, Department of Emergency Medicine, UCSD Medical Center | 1990-95 |
| Director of Student Programs, Department of Emergency Medicine, UCSD Medical Center | 1993-95 |
| Emergency Medical Technician, Goodhew Ambulance Service, Los Angeles, California | 1980-83 |
| Outstanding Teacher Award, Family Medicine Residency Program, UCSD Medical Center | 1991 |

Licensure:

California Medical License Number G-65677, since 1989
 Drug Enforcement Agency, Number BH1601992, since 1989

Certification:

Diplomat, National Board of Medical Examiners, 1988
 Fellow, American Board of Emergency Medicine, 1991
 CHC, Healthcare Compliance Board Certified
 Advanced Cardiac Life Support Provider and Instructor (Past)
 Basic Trauma Life Support Provider and Instructor (Past)
 Advanced Trauma Life Support Provider (Past)
 Pediatric Advanced Life Support Provider (Past)

Academic and Community Activities:

Reviewer for the *Journal of Emergency Medicine*, Pergamon Press, 1990-present
 Journal Reviewer, *Air Medical Journal*, since 1994
 Journal Reviewer, *AirMed*, 1994-2000 (Journal terminated combined with Air Medical Journal)
 3 term Board Member and Founding Member, Air Medical Physicians Association, 1993-present
 Board Member, Foundation for Air Medical Research 1998-2004 (combined into AAMS Foundation)
 Executive Board Member and Secretary, Association of Air Medical Services 2003-2005
 President, Foundation of Air Medical Research and Education 2005-present
 Planning Board Member, Air Medical Leadership Congress Agenda for the Future, September 2003
 Research Committee, Association of Air Medical Services 1995-present
 Government Relations Committee, Association of Air Medical Services 1998-present
 Standards Committee, Association of Air Medical Services 2005-present
 Membership Committee, Association of Air Medical Services 2003-2005
 Executive Committee, Association of Air Medical Services 2004-2005
 Foundation of Air Medical Transport, Research Grant Review Committee 2003-present
 National Air Medical Standardization Task Force (NAEMSP and AMPA representative 2005-present)

Previous Academic Activities:

Editorial Board Member, National Association of Emergency Medical Services Physicians, 1988
 Air Medical Services Committee, National Association of EMS Physicians, 1988
 Emergency Medical Technician and Paramedic Instructor
 Developed continuing education methods for the Pittsburgh paramedics
 Allegheny County disaster planning committee
 Participated in the 1988 Heinz hazardous materials disaster drill
 On-scene EMS triage physician for the 1988 "Regatta" boat disaster
 Course Medical Director, "Updates in Prehospital Care" Conference, March 1992
 Course Director, Emergency Medicine Elective (SOM 220) for 2nd year students, 8/93-6/94
 Course Director, Computers in Emergency Medicine Series, UCSD Emergency Medicine Residency

Previous Community Activities:

Medical Audit (QA) Committee for Trauma, San Diego County Trauma System, 1990-93
Liaison to Medical Audit Committee from Prehospital Audit (QA) Committee, San Diego County, 1992-93
Chairman, San Diego County EMS Prehospital Audit Committee, San Diego County, 1995- 1999
East County Advanced Life Support Task Force, San Diego County, 1993
Interfacility Transportation Task Force, UCSD Medical Center, 1993
Trauma System Reevaluation Task Force, San Diego County Trauma System, 1992-93
Trauma Task Force Clinical Subcommittee, San Diego County, 1992

Society Memberships:

Member, National Association of Emergency Medical Services Physicians, 1987-present
Past Member, Undersea and Hyperbaric Medical Society, 1988-91
Member, Association of Air Medical Services, 1987--present
Past Member, Society for Academic Emergency Medicine, 1987-1995
Fellow, American College of Emergency Physicians, 1991-present
Member, California Chapter of the American College of Emergency Physicians, 1990-present
Past Member, Hyperbaric Section of the American College of Emergency Physicians, 1990-1995
Founding Member, Air Medical Physicians Association, 1992--present

Invited Speaking Engagements:

- "Prehospital and Emergency Department Verification of Endotracheal Tube Position Using a Portable, Non-directable, Fiberoptic Bronchoscope" - Fifth Annual Conference of the National Association of EMS Physicians, San Francisco, California; June 1989.
- "Cerebral Phosphate NMR Spectroscopy as an Objective of Carbon Monoxide Toxicity: A Pilot Study" - Society for Academic Emergency Medicine Annual Meeting, Minneapolis, Minnesota; May 1990.
- "Prospective Evaluation of Flight Physician Air Medical Duties in an Emergency Medicine Residency Curriculum" - Society for Academic Emergency Medicine Annual Meeting, Minneapolis, Minnesota; May 1990.
- "Medical Command with Field Response as Part of an Emergency Medicine Residency Curriculum" - Sixth Annual Conference of the National Association of EMS Physicians, Houston, Texas; June 1990.
- "Marine Envenomations" - Sierra Emergency Medicine Conference, Lake Tahoe, California; March 1991.
- "Regional Difference in Emergency Medicine" - Grand Rounds, Department of Emergency Medicine, University of Pittsburgh; May 16, 1991.
- "Air Medical Crews Configuration and Equipment" - National Association of EMS Physicians 1991 Annual Meeting, Orlando, Florida; June 1991.
- "Appropriate Utilization of Air Medical Transport" - Emergency Medicine Symposium, Naval Hospital-San Diego, San Diego, California; July 29, 1992.
- "Prehospital and Emergency Department Management of the Unstable Airway" - Emergency Medicine Symposium, Naval Hospital-San Diego, San Diego, California; August 1994.
- "Medical Legal Aspects of Emergency Medicine in the Era of Health Care Reform" - Mcinnis, Fitzgerald, Rees, and Sharkey; Professional Conference Series, San Diego, California; August 1994.

- "A Networked Computerized Database for Helicopter Emergency Medical Services"; Solutions and Innovations in Emergency Medicine Informatics Conference; Washington D.C. 1994
- Compliance Management for the Medical Director, Air Medical Physician Association Core Curriculum Conference, Salt Lake City, Utah October 2000.
- Compliance Management in Air Medical Transport, Association of Air Medical Services Annual Transport Medicine Conference, Orlando, Florida November 2001.
- Reimbursement Denial Management for the Medical Director, Association of Air Medical Services, Annual Transport Medical Conference, Orlando, Florida November 2001.
- Reimbursement Denial Management for the Medical Director, Air Medical Physician Association Core Curriculum Conference, Las Vegas Nevada March 2002.
- Using Integrated Information Management Systems for Clinical Research, Air Med 2002, Interlaken, Switzerland September 2002
- Integrating Medical Transportation Business Processes, Association of Air Medical Services Annual Transport Medicine Conference, Kansas City, November 2002.
- Using Electronic Medical Transportation Business Processes Management To Enhance Reimbursement, Association of Air Medical Services Annual Transport Medicine Conference, Reno, Nevada November 2003.
- The Great Debate: Appropriate Utilization of Air Medical Transport in Acute Coronary Syndromes Association of Air Medical Services Annual Transport Medicine Conference, Cincinnati, Ohio October 2004.
- Emergency Entrepreneurism, the Growth and Development of Golden Hour Data Systems, University of San Diego, Masters in Business Administration Program, 2005
- Using Integrated Information Management Systems for Clinical Research, AirMed 2005, AAMS preconference Barcelona, Spain June 2005
- Air Medical Transport Program Models in the United States, AirMed 2005, AMPA preconference Barcelona, Spain June 2005
- The Great Debate: Appropriate Utilization of Air Medical Transport in Acute Stroke Syndromes Association of Air Medical Services Annual Transport Medicine Conference, Austin, Texas October 2005.
- Air Medical Transport Program Models and Financing in the United States, HEM-Net International Conference on Financing of Air Medical Transport, Participated as US expert on International Panel. Tokyo, Japan 2006

B. Selected peer-reviewed publications (in chronological order):

Publications:

- Hutton K, Rosen P: Cardiac Pulmonary Edema (Chapter 32). In: The Airway: Emergency Management. Dailey RH, Simon B, Young GP, Stewart RD (Eds.); St. Louis: Mosby Year Book, 1992, pp 359-366.
- Hutton KC, Verdile VP, Yealy DM, Paris PM: Prehospital and emergency department verification of endotracheal tube position using a portable, non-directable, fiberoptic bronchoscope. Prehospital and Disaster Medicine 1990; 5:131-136.

- Hebel GA, Hutton K, Kanowitz A, Neuman T, Martinson L, Rosen P: The accuracy of ST segment deviation in prehospital cardiac monitoring. J Emerg Med 1994; 12(2): 207-211.
- Vilke GM, Hoyt DB, Epperson M, Fortlage D, Hutton KC, Rosen P: Intubation techniques in the helicopter. J Emerg Med 1994;12(2):217-224.
- Brauer K, Hutton KC, Restraint use in Air Medical Transport. Air Medical Journal 1997: 16 (3)
- Duchynski R, Brauer K, Hutton KC, The Quick Look Airway Classification. Air Medical Journal 1998: 17 (2): 46-50.
- Abbott D, Brauer K, Hutton KC, Outcome of Aggressive Management of Head Injury in Air Medical Transport. Air Medical Journal 1998: 17 (3)
- Hutton KC, Air Medical Transport, Health Care Reform, Managed Care and the End of an Era: The Demise of Life Flight-San Diego. Air Medical Journal 1995, (3)
- Hutton KC, Research According to Forrest Gump Air Medical Journal 2001, (3)
- Hutton KC, Wolfson AB, Menegazzi JM, McCabe JL, Williams DA, Simplaceanu E: Cerebral Phosphate NMR spectroscopy as an objective of carbon monoxide toxicity: A pilot study. Ann Emerg Med 1990; 19(4): 464.
- Hutton KC, Ilkhanipour K, Porter R: Prospective evaluation of flight physician air medical duties in an emergency medicine residency curriculum. Ann Emerg Med 1990; 19(4): 493.
- Hutton KC, Lacoverly MA: Medical command with field response as part of an emergency medicine residency curriculum. Prehospital and Disaster Medicine 1990; 5(3): 303.
- Barton ED, Rhee P, Rosen, P, Hutton KC. The pathophysiology of Tension Pneumothorax in ventilated Patients: a Swine Model, Academic Emergency Medicine 1995: (3) 453.
- Hutton KC. Research in Air Medical Transport according to Forrest Gump, No Box of Chocolates, Editorial, Air Medical Journal 2001, (3)
- VanCuran K, Barton ED, Robison R, Swanson ER, Jones SJ, and Hutton KC. Success and Failure rates of RSI versus Non-RSI Intubations by Air Medical Crews in 1277 Patients. (Abstract) Prehospital Emergency Care, January 2003.
- Robison R, Barton ED, VanCuran K., Swanson ER, Jones SJ, and Hutton KC. Laryngoscopic Visualization Grade Predicts Difficult Intubations by Air Medical Crews in the Prehospital Setting. (Abstract) PreHospital Emergency Care, January 2003
- Hutton KC. Appropriate Utilization Of Medical Transportation in Acute Coronary Syndromes. (Position Paper- Air Medical Physician's Association), Prehospital Emergency Care, October 2002

- Hutton KC. Medical Condition List. (Position Paper- Air Medical Physician's Association), Prehospital Emergency Care, October 2002.
- Hutton KC. Determination of Medical Necessity in Air Medical Transportation (Position Paper- Air Medical Physician's Association), Prehospital Emergency Care, April 2003.
- Hutton KC. Patient Follow-up letters and HIPAA (Position Paper- Air Medical Physician's Association), Prehospital Emergency Care, April 2003.
- Hutton KC. Appropriate Utilization Of Medical Transportation in Acute Stroke Syndromes. (Position Paper- Air Medical Physician's Association), Prehospital Emergency Care, October 2004.
- Thomas F, Hutton KC. Et al. The Air Medical Leadership Congress, setting the agenda for the air medical community. Air Medical Journal22: 5: 34-9.
- Thomas F, Hutton KC. Et al. The 2003 Air Medical Leadership Congress, findings and recommendations. Air Medical Journal23: 3:20-36.

Position Papers:

- Hutton KC. Medical Condition List. (Position Paper- Air Medical Physician's Association), Prehospital Emergency Care, October 2002.
- Hutton KC. Determination of Medical Necessity in Air Medical Transportation (Position Paper- Air Medical Physician's Association), Prehospital Emergency Care, April 2003.
- Hutton KC. Patient Follow-up letters and HIPAA (Position Paper- Air Medical Physician's Association), Prehospital Emergency Care, April 2003.
- Principal Author, Appropriateness of Medical Transport and Access to Care in Acute Cardiac Syndromes. Position Statement of the Air Medical Physician's Association and the Association of Air Medical Services, Air Medical Journal 24:5 2005pg 220
- Affiliate Author, Appropriateness Use of Critical Care Transport. Position Statement of the Air Medical Physician's Association and the Association of Air Medical Services, Air Medical Journal (For publication in 2006)
- Principal Author, Appropriateness of Medical Transport and Access to Care in Acute Stroke Syndromes. Position Statement of the Air Medical Physician's Association and the Association of Air Medical Services, Air Medical Journal 24:5 2005pg 220
- Principal Author, Determination of Closest Appropriate Facility in Air medical Transport, Position Statement of the Air Medical Physician's Association and the Association of Air Medical Services, (For publication in 2006)