

BIOGRAPHICAL SKETCH

R ADAMS COWLEY, M. D.

Director of the nation's first clinical shock trauma center, Dr. Cowley came to Baltimore following graduation from the University of Utah to enter the University of Maryland School of Medicine. After his surgical residency and tour in the Medical Corps in the European Theater, he returned to the U.S. and completed his training in chest surgery at the University of Michigan. Dr. Cowley ultimately joined the University of Maryland and developed the first accredited thoracic surgery program on the East Coast.

Dr. Cowley's research into the causes of shock and the treatment of shock and trauma developed into the establishment of the first clinical research shock-trauma unit in 1961. From this modest beginning, Dr. Cowley developed the current Shock Trauma Center, and the nation's most comprehensive statewide emergency medical services system and School for Emergency Medicine at the University of Maryland, Baltimore Campus. These three programs - the Shock Trauma Center, the Emergency Health Services School and the Maryland EMS system - comprise the Maryland Institute for Emergency Medical Services Systems - (MIEMSS).

Dr. Cowley is a pioneer in a number of other surgical and program areas. He was a leader in the development of transistorized pacemakers, artificial blood vessels, heart valves and self-balancing electronic monitoring systems. In addition to establishing the nation's first shock-trauma center, he developed the first civilian helicopter program for the transportation of critically ill and injured patients.

Dr. Cowley is a pioneer in shock-trauma, a specialist in thoracic surgery and world leader in emergency medicine. He has published three books on the subject of emergency medicine, shock and trauma, and three of his nine educational television films won National Awards. His Journal articles total over 400.