Thirty years of pioneering innovations, clinical research, and patient experience in the specialty of voice restoration following total laryngectomy.

In 1978, Mark I. Singer, M.D., F.A.C.S. and Eric D. Blom, Ph.D. pioneered the surgical method of Tracheoesophageal “Puncture” and the valved silicone voice prosthesis that over the past 30 years has become the international standard for voice restoration following total laryngectomy.

InHealth Technologies and their worldwide network of distributors salute Dr. Eric D. Blom, Dr. Mark I. Singer, and the late Dr. Ronald C. Hamaker for their historic record of achievement.

Surgical Procedures
Post-laryngectomy surgical procedures developed and pioneered by Mark I. Singer, M.D., F.A.C.S., Eric D. Blom, Ph.D., and Ronald C. Hamaker, M.D., F.A.C.S.

1978
Secondary Tracheoesophageal Puncture Technique

1979
Secondary Pharyngeal Constrictor Muscle Myotomy Technique

1982
Primary Tracheoesophageal Puncture Technique
Primary Pharyngeal Constrictor Muscle Myotomy Technique

Medical Devices
Tracheoesophageal voice prostheses and related medical devices invented and pioneered by Eric D. Blom, Ph.D., Mark I. Singer, M.D., F.A.C.S., and Ronald C. Hamaker, M.D., F.A.C.S.

1978
“Duckbill” (Slit-Valve Design) Tracheoesophageal Voice Prosthesis (Blom and Singer)

1980
“Hands-Free” Tracheostoma Valve and Adhesive Attachment System (Blom and Singer)

1982
Tracheoesophageal Voice Prosthesis Measurement (Sizing) Device (Blom and Singer)

1990
Feunisterad Silicone Larngectomy Tube (Blom and Singer)

1991
Tracheoesophageal Voice Prosthesis “Safety Insertor” (Blom and Coo)

1993
“Hands-Free” Adjustable Tracheostoma Valve (Blom, Coo, and Seder)

1992
Tracheoesophageal Voice Pressure Manometer (Blom)

2008
“Automatic,” Voice Prosthesis Retention Flange Confirmation System (Blom)
Scientific Publications


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