

FACT SHEET – October 14, 2010

Hand Transplant at BWH

In August 2010, BWH announced the development of a hand transplant program. The BWH team performed its first bilateral hand transplant May 2011, and its second in October, 2011.

SPEAKER BIOS

Elof Eriksson, M.D., Ph.D.

Chief, Plastic Surgery Division

Born in Backe, Sweden, Dr. Elof Eriksson attended the University of Goteborg in Sweden, where he obtained his MD and PhD. Dr. Eriksson went on to train at hospitals in both Sweden and the US, including University of Chicago Hospitals, and Medical College of Virginia, where he completed a fellowship in plastic surgery. In 1986 Dr. Eriksson joined Brigham and Women's Hospital (BWH), where he was named Chief of the Division of Plastic Surgery. In 2006, as a specialist in wound care, Dr. Eriksson initiated and oversaw the Wound Care Guidelines project, and initiative spearheaded by the Wound Healing Society which published guidelines for treatment and therapies for wound care. At BWH, Dr. Eriksson lead the creation of the research laboratory for Tissue Repair and Gene Therapy, which aims at creating better treatment for both acute and chronic wounds. Dr. Erikson also oversaw the creation of the Plastic Surgery Transplantation Program at BWH, a novel and unique program focused on state-of-the-art facial and hand transplantation.

Bohdan Pomahac, MD

Director, Plastic Surgery Transplantation

Dr. Bohdan Pomahac was born and raised in the Czech Republic where he graduated from Palacky University School of Medicine. He trained at Brigham and Women's Hospital (BWH) in General Surgery and went on to a fellowship in the Harvard Plastic Surgery Program. In 2004, Dr. Pomahac joined the staff at BWH as a Plastic Surgeon and Associate Director of the Burn Center. Since January 2009, Dr. Pomahac has led the BWH Burn Center as Burn Director while also performing a broad range of plastic surgical and microsurgical procedures. Dr. Pomahac established the composite tissue transplantation program at BWH and Plastic Surgery Transplantation Program, making BWH the nation's leading center in face transplantation. Dr. Pomahac led the nation's first male face transplant procedure in April 2009 (only the second such surgery in the country) and in the fall of 2009 he was awarded a \$3.4 million dollar contract from the Department of Defense to perform and investigate the outcomes of face transplantation. In March of 2011 he led the surgical team that performed the first full face transplant in the country and in April of 2011 the team completed their second full face transplant. Shortly after, in May, the team performed the first combined face and bilateral hand transplant procedure in the nation.

Simon Talbot, MD

Surgeon, Plastic and Reconstructive Surgery

Dr. Simon Talbot was born in New Zealand, where he attended the University of Auckland. Dr. Talbot trained in New Zealand and at Memorial Sloan-Kettering Cancer Center in New York, and Brigham and Women's Hospital (BWH) and Beth Israel Deaconess Medical Center in Boston, where he completed a

fellowship in hand surgery and microsurgery. In 2011, Dr. Talbot joined the faculty at Harvard Medical School, as an Instructor of Surgery, and joined the Division of Plastic Surgery at BWH as a plastic surgeon, with a focus on hand transplantation. Dr. Talbot's current research projects focus on hand surgery and rehabilitation, microsurgery and wound care.

Mr. Richard Mangino

Richard Mangino, 65, of Revere, MA, is a proud husband, father and grandfather.

In July 2002, Mr. Mangino developed a septic infection and as a result, his limbs below the elbow and below the knee were amputated.

Mangino, who always had a penchant for art, music and entertaining, has been playing the guitar since he was a teenager. Following the amputations, his passion for art was superseded only by his commitment and love for his family. Unable to play the guitar following the amputations, he has committed much of the past 9 years to art and teaching. He paints, draws, writes children's books, science fiction novels and poetry and is frequently invited to meet with patients who have also undergone limb amputation to share his story and experiences.

More information, including sample artwork is available at Mr. Mangino's website:

<http://richardmanginoartist.com/>

Transplant History at BWH

Today, BWH is recognized as one of the world's leaders in transplantation.

In 1954, a BWH team led by Dr. Joseph Murray performed the first successful human organ donor transplant, a kidney, from one brother to another. In recognition of this achievement, Dr. Murray received the Nobel Prize for Medicine in 1990.

The first heart transplant in New England was performed at BWH in 1984; this year, the 600th heart transplant was successfully performed at the hospital.

The first heart-lung transplant in Massachusetts was done at BWH in 1992.

BWH also performed the first triple organ transplant and the first quintuple lung transplant in the United States in 1995 and 2004 respectively.

In 2006, BWH performed for the first time in its history 100 kidney transplants in one year and in 2008, more than 30 lung transplants were performed, putting BWH among the top hospitals in the country for volume.

In 2009, a plastic surgery team led by Dr. Bohdan Pomahac performed their first face transplant procedure and the first in New England, a partial face transplant for patient James Maki. From March 2001 – May 2011, the team went on to perform three full face transplants and a bilateral hand transplant.