

## DONALD NUSS, M.B., Ch.B., FRCS (C), FACS, FAAP

Donald Nuss, M.B.,Ch.B., FRCS(C), FACS, FAAP, received his medical degree from the University of Cape Town, South Africa in 1963. Dr. Nuss completed his General Surgery Residency at the Mayo Graduate School of Medicine and Mayo Clinic in 1971 and his Fellowship in Pediatric Surgery at Red Cross War Memorial Children's Hospital in Cape Town in 1973. Dr. Nuss served as the Director of CHKD's Division of Pediatric Surgery and Professor of Surgery and Pediatrics at Eastern Virginia Medical School in Norfolk, Virginia and currently serves as a member of the Board of Directors of Children's Hospital of The King's Daughters Health System, Inc.

Dr. Nuss served on the Medical Executive Committee of Children's Hospital of The King's Daughters for 25 years and as Surgeon-in-Chief and Vice President for Surgical Affairs for 20 years. He helped facilitate the development of the operating rooms at Children's Hospital of The King's Daughters and saw the volume of surgical patients grow from 2,200 patients per annum to over 11,000 patients per annum during his tenure as Surgeon-in-Chief.

Dr. Nuss is the developer of the Minimally Invasive Procedure for Pectus Excavatum and conducts an intensive international workshop and training course each year at the Children's Hospital of The King's Daughters in Norfolk, Virginia. Dr. Nuss is emeritus Professor of Surgery at EVMS and prior to his retirement in 2010 was Surgeon-in-Chief and Vice President for Surgical Affairs at CHKD for 19 years.

## Curriculum Vitae

**Name: Donald Nuss, MB, Ch.B.**

**Organization: Eastern Virginia Medical School/Children's Hospital of The King's Daughters**

**Position & Title: Professor Emeritus**

**Address (including City/Country): 601 Children's Lane, Norfolk, Virginia 23507, USA**

**Phone: (757) 816-3916**

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### **Educational background & professional experience (in sequence of the latest year)**

UNDERGRADUATE

AND GRADUATE:

University of Cape Town  
Cape Town, South Africa

1957-1963

M.B., Ch.B.

INTERNSHIP: Groote Schuur Hospital 1964-1965  
Cape Town, South Africa

RESIDENCY: Edendale Hospital 1965-1966  
Internal Medicine  
Natal, South Africa

Mayo Clinic 1966-1971  
General Surger  
Mayo Graduate School of Medicine  
Rochester, Minnesota

FELLOWSHIPS & OTHER

POSTDOCTORAL TRAINING: Research Fellow 1969-1970  
Cardiovascular  
Mayo Graduate School of Medicine  
Surgical Research  
Rochester, Minnesota

Fellowship 1971-1973  
Pediatric Surgery  
Red Cross War Memorial Children's Hospital  
Cape Town, South Africa

Business Education Program 1994  
for Physicians  
The College of William & Mary, Graduate School of Business,  
Sentara Health System and Eastern Virginia Medical School  
Norfolk, Virginia

ACADEMIC AND HOSPITAL POSITIONS:

<u>RANK</u>	<u>INSTITUTION</u>	<u>YEARS</u>
Professor Emeritus	Eastern Virginia Medical School Department of Surgery Norfolk, Virginia	2010-present
Professor	Department of Surgery Eastern Virginia Medical School Norfolk, Virginia	1995-2010

Professor	Department of Pediatrics Eastern Virginia Medical School Norfolk, Virginia	2003-2010
Surgeon-in-Chief Vice President for Surgical Affairs	Children's Hospital of The King's Daughters Norfolk, Virginia	1986-2005
Member, Board of Directors	Children's Hospital of The King's Daughters Norfolk, Virginia	1986-1995
Member, Board of Directors	Children's Health System, Norfolk, Virginia	2005-2014
Director	Division of Pediatric Surgery, Surgery Department Eastern Virginia Medical School Norfolk, Virginia	1980-2005
Associate Professor	Department of Surgery Eastern Virginia Medical School Norfolk, Virginia	1978-1995
Assistant Professor	Department of Pediatrics	1978-2003
Assistant Professor	Department of Surgery and Pediatrics Eastern Virginia Medical School Norfolk, Virginia	1977-1978

## Clinical/Research Interests

### Pectus Excavatum/Pectus Carinatum

### Publications

1. Kelly Jr RE, Quinn A, Varela P, Redlinger RE Jr, Nuss D. "Dysmorphology of Chest Wall Deformities: Frequency Distribution of Subtypes of Typical Pectus Excavatum and Rare Subtypes." *Archivos de Bronconeumologia* 2013.
2. Kelly Jr RE, Mellins RB, Shamberger RC, Mitchell RK, Lawson ML, Oldham KT, Azizkhan RG, Hebra AV, Nuss D, Goretsky MJ, Sharp RJ, Holcomb III, GW, Shim WKT, Megison SM, Moss L, Fecteau AH, Colombani PM, Cooper D, Bagley T, Quinn A, Moskowitz AB, Paulson JF. "Multicenter study of pectus excavatum, final report: complications, static/exercise pulmonary function, anatomic outcomes."

J Am Coll Surg 2013;217(6):1080-1089.

3. Rechowicz KJ, Kelly R, Goretsky M, Frantz F, Knisley S, Nuss D, McKenzie FD. "Development of an average chest shape for objective Evaluation of the aesthetic outcome in the Nuss procedure planning process." SBEC 2010, IFMBE Proceedings 32, pp528-531.
4. Nuss D, Obermeyer RJ, Kelly RE Jr. "Pectus Excavatum from a pediatric surgeon's perspective." Ann Thorac Surg 2016;5(5):493-500.
5. Kelly RE Jr, Obermeyer RJ, Nuss D. "Diminished pulmonary function in pectus excavatum: from denying the problem to finding the mechanism." Ann Cardiothorac Surg 2016;5(5):466-475.
6. Nuss D, Obermeyer RJ, Kelly RE. "Nuss bar procedure: past, present and future." Ann Cardiothorac Surg 2016;5(5):433-433.
7. Cunningham M, Nuss D, Kelly RE Jr. "Successful correction of pectus excavatum using the Nuss Procedure after neonatal sternal cleft repair." J Pediatr Surg Case Reports, submitted.