

Supplemental Information

SUPPLEMENTAL TABLE 4 International Cardiac Collaborative on Neurodevelopment (ICCON) Centers and Investigators

Alfred I. Dupont Hospital for Children ^{a,b}
Christian Pizarro
Erica Sood
Boston Children's Hospital ^{a,c}
David C. Bellinger
Carolyn Dunbar-Masterson
Richard A. Jonas
Jane W. Newburger
Christian Stopp
David Wypij
Children's Healthcare of Atlanta ^{a,b}
Dawn Ilardi
William T. Mahle
Children's Hospital Los Angeles ^a
Alan B. Lewis
Nancy A. Pike
Children's Hospital of Philadelphia ^a
Judy Bernbaum
Robert R. Clancy
J. William Gaynor
Marsha Gerdes
Gil Wernovsky
Elaine H. Zackai
Children's Hospital and Medical Center, Omaha ^{a,b}
Carman DeMare
Kim Duncan
Howard Needelman
Children's National Medical Center ^a
Mary T. Donofrio
Penny Glass
Richard A. Jonas
Kami B. Skurow-Todd
Cincinnati Children's Hospital Medical Center ^a
Duke University Medical Center ^a
Jennifer S. Li
The Hospital for Sick Children, Toronto ^a
Johns Hopkins All Children's Heart Institute ^a
Jeffrey P. Jacobs
Medical College of Wisconsin ^{a,b}
Cheryl L. Brosig
Nancy S. Ghanayem
Kathleen A. Mussatto
Medical University of South Carolina ^a
Andrew M. Atz
Mott's Children's Hospital ^a
Caren S. Goldberg
Richard G. Ohye
Pediatric Heart Network
Gail Pearson
Victoria L. Pemberton
New York-Presbyterian Morgan Stanley Children's Hospital of New York ^a
Ismee Williams
Primary Children's Medical Center ^a
Shaji C. Menon
Royal Children's Hospital, Melbourne ^b
Julia Gunn
Lara S. Shekerdeman
Michelle Goldsworthy, RN

SUPPLEMENTAL TABLE 4 Continued

Starship Children's Hospital, Auckland^b

John Beca

Stollery Children's Hospital and the Western Canadian Complex Pediatric Therapies Follow-up Program^{a,b}

Joseph Atallah

Ivan M. Rebeyka

Charlene M.T. Robertson

Texas Children's Hospital^b

Dean B. Andropoulos

Marie Turcich

Robert Voigt

Toyama University Hospital^{a,b}

Keijiro Ibuki

Fukiko Ichida

Mie Matsui

Tachiyo Matsuzaki Kakimoto

Naoki Yoshimura

University Children's Hospital, Zurich^a

Ingrid Beck

Walter Knirsch

Beatrice Latal

University of British Columbia, Vancouver^a

Anne Synnes

University of California, San Francisco^{a,b}

Patrick S. McQuillen

Steven P. Miller

University of Queensland, Brisbane^a

P.B. Colditz

Robert Justo

D.R. Robertson

University of Texas Southwestern Medical Center^a

University Hospital, Aachen

Hedwig Hövels-Gürich

^a BSID, second edition.

^b Bayley Scales of Infant and Toddler Development, third edition.

^c BSID, first edition.

SUPPLEMENTAL TABLE 5 Patient and Demographic Factors

Variable	Definition
Cardiac class	Class I: Two ventricle/no arch obstruction Class II: Two ventricle/arch obstruction Class III: Single ventricle/no arch obstruction Class IV: Single ventricle/arch obstruction
Cardiac diagnosis	d-Transposition of the great arteries with intact ventricular septum d-Transposition of the great arteries with ventricular septal defect Tetralogy of Fallot Tetralogy of Fallot with pulmonary atresia Truncus arteriosus Total anomalous pulmonary venous connection Ventricular septal defect without interrupted aortic arch and coarctation Ventricular septal defect with interrupted aortic arch and coarctation Coarctation and arch hypoplasia Atrioventricular canal defects (partial, transitional, or complete) Pulmonary atresia with intact ventricular septum Hypoplastic left heart syndrome Other functional single ventricle anomaly Other cardiac diagnosis
Year of birth	
Birth weight	Kilograms
Gestational age	Weeks
Race	White Black/African American Other
Ethnicity	Hispanic/Non-Hispanic
Gender	Female/male
Maternal education	Graduate school Completed college High school and/or some college Less than high school Missing or not specified
Genetic or nongenetic anomaly	Normal or anomaly not specified Suspected genetic or nongenetic anomaly Definite genetic anomaly
Description of genetic or major extracardiac anomaly	Alagille syndrome CHARGE (coloboma, heart defect, atresia choanae, retarded growth and development, genital abnormality, and ear abnormality) 22q11 deletions Goldenhar syndrome Holt–Oram syndrome Jacobsen syndrome Kabuki syndrome Noonan's syndrome Trisomy 13 Trisomy 18 Trisomy 21 Turner's syndrome VATER/VACTERL (vertebrae, imperforate anus or anal atresia, cardiac anomalies, tracheoesophageal fistula, renal anomalies, limb anomalies) Williams syndrome Multiple congenital anomalies, not otherwise specified Fetal alcohol spectrum disorder Abnormality of genetic testing not otherwise specified Other genetic or major extracardiac anomaly
Prenatal diagnosis	Yes/no
Preoperative mechanical ventilation	Yes/no, if on mechanical ventilation when taken to operating room for surgery