

SUPPLEMENTAL MATERIAL

Normal values

Data from 398 normal subjects who had analysis of the number of PVCs per 24 hours by Holter monitor were contributed by Dr. S. DePaula, University Sao Paulo Medical School, Brazil.

Holter normals n = 398: 181 males, 217 females, age 43.5 ± 12.2 , range 15 to 83

Holter ARVD probands n = 68: 37 males, 31 females, age 37.1 ± 13.3 , range 15 to 63

There were 462 normal subjects who were the basis for the MRI data. These were provided by Drs. D. Bluemke and H. Tandri of Johns Hopkins Hospital, Baltimore, MD.

MRI data normals n = 462

263 males: age 60.2 ± 10

RVEDV/BSA 63.6 ± 11 ml/m²

RVEF 61.9 ± 8.4 %

199 females: age 60.6 ± 10

RVEDV/BSA 72.8 ± 14.2 ml/m²

RVEF 68.5 ± 7.5 %

MRI data ARVC/D probands n = 44

Males: age 41.3 ± 13.9

n = 27 RVEDV/BSA 96.6 ± 37.6 ml/m² n = 28 RVEF 42 ± 12.3 %

Females: age 39.6 ± 11.5

n = 14 RVEDV/BSA 98 ± 38.2 ml/m² n = 16 RVEF 44 ± 13.1 %

Echocardiographic data from 150 normal subjects were provided by Drs. M. Picard and D. Sanborn of the Massachusetts General Hospital, Boston, Massachusetts and 300 normal echocardiograms by Drs. A. Nava and B. Bauce from the University of Padua, Italy.

Echo normals: n=450, 241 males, 209 females, age 32 ± 12.8

RVOT (PLAX) 25.8 ± 4 RVOT (PSAX) 28.9 ± 4.3 , FAC 47.2 ± 10.3

Echo data ARVC/D probands: n = 69, 38 males, 31 females, age 37.17 ± 13.7

RVOT (PLAX) 36.5 ± 6.8 . RVOT (PSAX) 37.5 ± 5.2 . FAC 33.3 ± 8.3

Dr. W. Zareba of the University of Rochester provided information on the signal averaged ECGs from 20 normals and Dr. W. McKenna of the Heart Hospital, London, UK contributed data on 83 normal signal averaged electrocardiograms.

SAECG normals n = 103: 44 males 59 females 33 ± 14 , range 10 to 73

SAECG ARVC/D probands n = 69: 37 males, 32 females, age 37 ± 13 , range 15 to 62