Proceedings of the Hellenic Cardiological Society

Meeting November 30th, 1949 (President: Dr. Alex. Portocalis).

Dr. Dem. Papapanagolou: Tetralogy of Fallot, operated by Professor Crafoord in Stockholm.

Boy, 11 years. In the pre-operative examination by Professor Nylin, of the physical examination, venous catheterisation and angiography showed: enlargement of the right ventricle, marked infundibular stenosis in the pulmonary conus (the intraventricular septal defect seemed to be very small) and dextroposition of the aorta which was over-riding the intraventricular septal. Rbc 6.7 million Hb 120%, Hematocrit 50.

The patient was operated on the 7. 8.1949 by Professor Crafoord. End-to-side anastomosis between the subclavian artery and the pulmonary artery on the right side.

No post-operative complications.

Post-operative examination: less cyanosis. No more squatting. Dyspnoea is noticeable only after great efforts. Rbc 4.8 millions. Hb 95%, Hematocrit 47. There is no radial pulse on the right side.

Dr. K. Papaphotis: Myxoedematic heart.

After a preliminary review of the actual state of our knowledge on the subject, the author gives the following data: M. G., 39 years, noticed that for the last seven years her skin was becoming thick and dry, her hair and her nails dry and brittle; she also complained of shivering, apathy, indolence of thought, drowsiness, obstinate constipation and low temperature (hypothermia).

Forty-five days before her admission into hospital the above symptoms became more accentuated and others were added, such as dyspnoea reaching orthopnoea, tachycardia, a feeling of pressure towards the precordium, swelling of the lower extremities and of the face, cough with abundant foamy spitting. Blood-pressure 14-10, pulsation 64. Small pulse.

The Radioexamination and the teleradiography showed an increase of all the diameters of the heart with ellipses of the intake of the heart. The electrocardiogram shows low voltage. Urea of the blood 0.37%. Sugar 0.90%, Chloric contents. 4.10%. Wassermann’s reaction negative, Basic metabolism – 21.5%. The radiography of the skull has shown that the turcic saddle was normal.

Therapy: Thyroid gland extract 0.10 gm. at first and later 0.20 gm. per day. Vitamins B and C for 20 days. A considerable improvement has been noticed after administering 3 gm. 20 of thyroid extract. The swelling of the face, the apathy, indolence of the thought and the drowsiness receded. The body weight was reduced by 4 kg. A more recent teleradiography showed return to normal of the limits of the heart, and the X-Ray observation showed that the heart impulsions and breath were normal. A still more recent electrocardiogram has shown an important increase of the electrodynamic. New basic metabolism found to be + 19%. 