ENDOCRINE EUNCTION IN PATIENTS WITH THALASSEMIA

SECONDARY HYPOTHYROIDISM IN PEDIATRIC CARDIAC SURGERY PATIENTS. M. Bettendod. U. Tiefenbacher. S. Schmidt-Out. K. Schmidt, H.-P. Adams, R. Schmidt, M. Kleit. D. Schönberg. Children's Hogeliarly Department of Pediatric Endocrinology, University of Heidelberg, 6900 Heidelberg, Germany. Horman hyporial function is vital for growth and nervous system myelinization. The number of myelinization is vital for growth and nervous system myelinization. The hypoid function may occur after cardiac surgery, we therefore assessed perioperative hypoid function may occur after cardiac surgery, we therefore assessed perioperative congenital high-ence secretion in children. 82 patients (aps rugery (day 1, 3, 5, 7)). Plustma congenital heart disease were studied before and after surgery (day 1, 3, 5, 7). Plustma congenital heart disease were studied before and after surgery (day 1, 3, 5, 7). Plustma congenital heart disease were studied before and after surgery (day 1, 3, 5, 7). Plustma congenital heart disease were studied before and after surgery (day 1, 3, 5, 7). Plustma congenital heart disease were studied before and after surgery (day 1, 3, 5, 7). Plustma congenital heart disease were studied before and after surgery (day 1, 3, 5, 7). Plustma congenital heart disease were studied by an analysis was a performed by ANOVA (preoperative) and a general linear models procedure (5AS).

| Presenter vs. postoperative vs. postoperative (A.S.). | Presenter (SAS). | Presenter (S

There was also a significant fall of ITI4 and TG. T3/T4 ratio remained unchanged. Places was also a significant fall of ITI4 and TG. T3/T4 ratio remained unchanged. Places also a significant fall of ITI4 and TG. T3/T4 ratio remained unchanged was statistically independent of age, cardiopulmonary bypass and iodine significantly lower in dopamine treated patients compared to children not receiving significantly lower in dopamine treated patients compared to children not receiving patients. T3 replacement therapy has to be strongly considered in pediatric patients after cardiac surgery, especially when treated with dopamine. T3 may serve as a fact cardiac surgery, especially when treated with dopamines. T3 may serve as a feet cardiac surgery, especially when treated with dopamines. T3 may serve as a feet cardiac surgery, especially when treated with dopamines. T3 may serve as a feet cardiac surgery, especially when treated with dopamines. T3 may serve as a positive increase.

A CASE OF CONGENITAL EUTHYROID GOITER WITH IMPAIRED THYROGLOBULIN

L79

A CASE OF CONGENITAL EUTHYROID GOITER WITH IMPAIRED THYROGLOBULIN (TG) TRANSPORT: IMPUNDHISTOLEMICAL EVIDENCE OF INTRACELLULAR TG TOTAMENTON, TOTAMENT maintained in a euthyroid state,

V. Sinigusa. F. Triulzi, G. Weber, S. Boffelli, G. Scoui, and G. Chiumello.

Department of Pediatrics, Endocrine Unit, Department of Neuroradiology, Scientific Institute H San Reffacele, University of Milan, Italy.

BRAIN MRI IN CONGENITAL HYPOTHYROID INFAUTS AT BRAIN MRI IN CONGENITAL HYPOTHYROID INFAUTS AT DIAGOORSE.

Cerebral atrophy with sella turcica afterations have been found in adult patients

meanstal screening before replacement therapy.

meanstal screening before replacement therapy.

We studied 7 CH infants, 5 girls and 2 boys, mean age 21 days, 4 agenetic and 3 we studied 7 CH infants, 5 girls and 2 boys, mean age 21 days, 4 agenetic and 3 ectopic. Beclard's nucleus was absent in 2 patients, mean T4 concentration at diagnosis wars 22.2 ng/mL (n.v.: 50-115 ng/mL), As normal controls 22 term newborns (38-41 weeks of gestational age) were studied.

MRI studies were performed with a 1.5 T magnet, extremity coil, T1 - weighted and leavily T2 - sequences, in all patients and controls a complete set of T1 and T2 - weighted axial sections were obtained. No sedation was needed for the MRI studies axial sections were obtained. No sedation was needed for the MRI studies.

neonatal screening before replacement therapy. Perinatal hypothyroidism seems to have no effect on CMS atmentes. subarachnoid spaces showed a normal size.

Our study shows no morphologic brain abnormalities in CH infants detected by Brain MRI examination was normal in all patients compared to controls. In particular no differences in the myelination patterns of the brain were observed particular no differences and patients with hypothyroidism. The ventricles and the observed are normal subjects and patients with hypothyroidism. The ventricles and the

with primary hypothyroidism, who started replacement therapy after one year of age. Only one report described demy-volintained processes in a 14 months old untreated girl, that presented a development delay.

The aim of our study was to investigate the CNS morphology and myelination with Magnetic Research was to investigate the CNS morphology and myelination with meeting before comparing the prophyroidism (CH) detected by meeting before replacement therapy.

LEROTREM NEURODEVELOPMENTAL CORRELATES OF TREATMENT ADDOUGY TERM NEURODEVELOPMENTAL CORRELATES OF TREATMENT ADDOUGACY II SCREEKDE HYPOTHYROID CHILDREM. LE Donner, Department of Pediatrics, The Hospital for Sick Children, Toronto, Ontario MSGIX8 Canada.

To assess the latter effects of teament adequacy in children with congenital hypothyroidism (CH) diagnosed by newborn sercening, we contellated proporty ordinary of the proposition of the proposition of the proposition of the proposition of the propositional tests with T4 levels and dosage L-thyroxine at diagnosts and specific intervals throughout and dosage L-thyroxine at diagnosts and specific intervals throughout and dosage L-thyroxine at diagnosts and a pecific intervals throughout and dosage L-thyroxine at diagnosts and 70 at 9 years and the third beinty, 95 were available for testing and your disagnost date only). Tests from the controls consisted of sibilings and class perionance based on testing the triplings and class perionance based on testing compreted with controls, CH did more poorly on tests of visuospatial ability, with subsequently poorer verbal, visuoperceptual, and graphomotor abilities, denosity processing compreted that (i) initial disease severity was associated authorned verbal, visuoperceptual, and graphomotor abilities, with profer verbal, visuoperceptual, and graphomotor abilities, auditory processing skalls; (ii) higher concurrent? and election pur not viting authorned starting dosage of L-thyroxine with better spatial, numerical, and poorer verbal, visuoperceptual, and graphomotor abilities, poorer verbal, visuoperceptual, and graphomotor abilities, and attention, arithmetic, graphomotor skills, and class befaviour. These authority was a uniformed dose may be necessary during the cewborn period when the brain is a undergoing rapid development, abbation newborn period when the brain is a undergoing rapid development, and class adequate memory and arity and and electing the monitored closely to minimize behaviour problems and less adequ

Тһугоіd

that does not contain the PWS critical region

DNA ANALYSIS IN PRADER-WILLI SYNDROME (PWS) WITH NATERNAL DNA ANALYSIS IN PRADER-WILLI SYNDROME (PWS) WITH NATERNAL DNA ANALYSIS IN PRADER-WILLI SYNDROME (PWS) WITH NATERNAL DNA ANALYSIS IN PRADER-WILLI SYNDROME OF UNIVERSED O

775

patients with thalassemia major treated with frequent transfusion and of 8 cases. The results suggest that endocrine abnormalities are common in no LH,FSH response to GHRH. Oral GTT showed chemical diabetes in one to ACTH. Three of 9 patients over 13 years and with delayed puberty had cortisol response to hypoglycemia, only 1 of 6 patients had decreased response dopa) was subnormal in 4 of 20 cases. While 13 of 16 patients had decreased

exaggerated in 7 of 21 patients. GH response to stimulation (insulin and L-Basal serum TSH was elevated in one subject. TSH response to TRH was in one patient. All patients had normal basal serum T4 and cortisol levels. progression). Hypoparathyroidism was present in two patients and diabetes

parients (11F,5M) over 13 years of age, 14 had delayed puberty (in onset or growth retarded and 25 of 38 patients had delayed bone age. Of the 16 2.1.3 years (mean:10.9 yrs) of age. Pretransfusion hemoglobin ranged from 6.5 (to 9.2 g/d) and serum ferrilin from 375 to 11000 ng/mL 17 patients were dependent and deferoxamine treated thalassemic patients between 2.9 and Endocrine function was investigated in 44(22 female, 22 male) transfusion

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\$75