Background and aims Skin to Skin (STS) care in neonatal period influences immediate breastfeeding outcomes in early childhood, especially the duration of exclusive breastfeeding. We investigated influence of STS care given on day one of life on infant and child feeding (IYCF) practices through one year of life.

Methods Mothers of 100 neonates (48 girls, 52 boys) from previous study cohort of RCT on STS care was followed. A telephonic survey on IYCF practices during the first year of life was administered.

Results There was no difference in the groups as far as the duration of exclusive breastfeeding, number of times breastfed per day, or stoppage of night feeds. No baby in either group received bottled feeds but about 33 received some form of extra lactic feed in the first 6 months without significant group difference. Fewer STS group mothers reported difficulties with breastfeeding or extra lactic supplementation. All mothers who faced problems contacted physicians for advice, and 20 were advised top milk and 6 given other foods. At one year of life 66% mothers were giving less than the recommended five food servings. There was no difference in practices related to hand-washing, food preparation and storage, feeding habits of child and illness episodes in the children.

Conclusions IYCF practices even in this small group were not as per recommended guidelines. Few positive trends were seen with fewer STS mothers facing problems related to breastfeeding. The study was underpowered to detect differences in IYCF practices in relation to STS care.

PO-0129  ALPHA-1 ANTITRYPSIN: CHARACTERISATION OF CHILDREN FOLLOWED IN A LEVEL 2 HOSPITAL

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Introduction Deficiency of Alpha-1 Antitrypsin (D-AAT) is one of the most common serious hereditary diseases worldwide, however, remains an under diagnosed entity.


Methods Retrospective analysis of clinical records of children with D-AAT followed in a paediatrics digestive pathology consultation.

Results 41 cases (61% males) were diagnosed. The average age at diagnosis was 6 yrs (1 month - 5 yrs).

The diagnosis was established in the following settings: study of allergies in 26.83%; family history in 21.95%; lower respiratory infections in 9.76%; asymptomatic elevation of transaminase in 7.32%; Escreta texto ou o endereço de um Web site ou traduza um documento traduzir; Portugal; neonatal cholestasis, prolonged neonatal jaundice, and persistent transaminase elevations after acute gastroenteritis in 4.88% each; others pathologies in 34.14%.

Immunophenotyping allowed detection of alleles Z and S, in 85% and 40%, respectively. Other pathological alleles identified less frequently were the I, V and Mmaltom. The phenotype identified were: MZ in 32.5%, SZ 26.8%, ZZ 19.5%, SS and IZ 4.88% each; MS, MV, SV, and SM malton 2.5% each.

In 100% of cases the presence of at least one disease in parental allele was verified.

Discussion The most common pathological allele was the Z, and the predominant phenotype was MZ. All children are clinically well, without complications. We highlight the need for awareness of the scientific community for the early diagnosis of this entity in order to implement interventions to prevent the progression of lung disease by decreasing any proinflammatory stimuli, and to undertake family studies to ensure early diagnosis of other cases and provide genetic advice.