trend for improvement between the first and second sessions. However, differences of markers of NR performance were not statistically significant.

Conclusions We detected frequent deficiencies in NR skills and no significant improvement after exposure to a single HFS NR session. In order to achieve sustained improvement in NR skills, further practice and skills-based curricula may be necessary.

**The Use of Drug Manipulation to Obtain Doses Required in Paediatric Practice: A Systematic Review**

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**Objective** To ascertain the level of risk of cancer amongst adults severely exposed to environmental tobacco smoke at child hood.

**Methods** We conducted this study among 1,280 adults who were diagnosed for lung cancer for a period of 6 years from 2005–2011. We checked hospital records at childhood for frequent hospitalization related to tobacco effects like middle ear infections, pneumonia, bronchitis and worsened asthma conditions.

**Results** We were able to show the relationship between exposure to environmental tobacco smoke during childhood and cancer risk. Out of the total number of participants, 2.5% percent (32 adults) had been exposed to environmental tobacco smoke (ETS) at childhood. We found that the overall cancer risk was greater for individuals with exposures to environmental tobacco smoke during both childhood and adulthood than for individuals with exposure during only one period. When specific cancer sites or types were considered, it was found that leukemia and lymphoma among adults were significantly related to exposure to maternal passive smoke before 10 years of age.

**Conclusion** Results of epidemiologic studies including this one provide evidence that exposure of children to environmental tobacco smoke is associated with increased rates of lower respiratory illness and increased rates of middle ear effusion, asthma, and sudden infant death syndrome. Exposure during childhood to environmental tobacco smoke may also be associated with development of cancer during adulthood.

**Socioeconomic Status Lower Levels of Parental Knowledge about Child Abuse, Neglect, Experiences and Discipline Methods Used**

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**Aim** The purpose of this study is families with low socioeconomic status to determine level of knowledge about child abuse and neglect, experiences, disciplinary methods used by children of families and the factors affecting them.

**Materials and Methods** Children’s Clinic admitted that the level of income below the poverty line in 1043 was the child’s parent survey. Sociodemographic characteristics, parents’ level of knowledge about child abuse-neglect, and about their own childhood experiences, their thoughts and behaviors were recorded in the survey.

**Results** 17.7% of the parents’ have received information about child abuse-neglect, 48.2% has suffered neglect, and 57.6% has suffered abuse. We asked “How do you watch on an attitude of an experienced in the case of abuse” 69.6% of parents said “consult official institutions”, 31.4% of parents said ‘family should be deal with a problem or saved within family’. 68.5% of the parents’ said does not threaten, 22.3% of families said threatened emotionally then 2.0% of families said threatened with physical punishment.

With the increase of education level of parents an increase in the rate of parents who said ‘I don’t threatened’. We asked to parents ‘How to punish your children?’ 47.0% of families said not to punish.

**Conclusion** The majority of neglect and abuse suffered by the parents and they think that they deserve punishment was the same group of children. Emotional and physical abuse in our society children are still being used as an education and disciplinary methods.

**Congenital Hypothyroidism: A Review of the Risk Factors**

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**Objective** Higher prevalence of CH among Iranian population necessitates review of risk factors and distribution of these factors among whole populations.

**Method** In Guilan province during years 2006 to 2010, neonatal screening for TSH was measured in 3–5 days after birth. All neonate with TSH level >= 5 mu/l refer to endocrinologist and serum TSH,