

### Possible psychological effects of radiation issues:

- Parents' anxiety over radiation proves that they are dedicated parents.
- Parents' excessive concern over radiation could affect children mentally and physically.

### Regarding fetal exposure and neuropsychological disorders caused by the Chernobyl NPS Accident:

- The results of studies on the neuropsychological disorders of children who were fetuses at the time of the accident are not coherent.
- Although there is a report that exposure affected the IQ of the fetuses, no correlation has been found between thyroid exposure doses and children's IQs.

Source: Prepared based on the Kolominsky Y et al., J Child Psychol Psychiatry, 40 (2): 299-305, 1999

In some of the studies targeting children who were fetuses at the time of the Chernobyl NPS Accident, investigations on neuropsychological effects were also conducted.

Although the results of the studies are not necessarily coherent, a report that attests to emotional disorders of the children caused by the accident also points out other effects such as parents' anxiety as factors affecting their mental state, rather than merely pointing out radiation exposure as a direct effect (p.106 of Vol. 1, "Effects on Children - Chernobyl NPS Accident -").

(For the results of the survey on children's mental health conducted by Fukushima Prefecture, see p.157 of Vol. 2, "Mental Health and Lifestyle Survey: What Has Become Clear (4/5).")

Included in this reference material on March 31, 2013

Updated on March 31, 2019