Long-term follow-up of children conceived through assisted reproductive technology

辅助生育技术出生儿童的长期随访

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- This review will summarize what is known about the health of ART-conceived children, encompassing neonatal outcomes, birth defects, growth and gonadal developments, physical health, neurological and neurodevelopmental outcomes, psychosocial developments, risk for cancer, and epigenetic abnormalities.

- Most of the children conceived after ART are normal. However, there is increasing evidence that ART-conceived children are at higher risk of poor perinatal outcome, birth defects, and epigenetic disorders, and the mechanism(s) leading to these changes have not been elucidated.

- However, whether ART procedures or subfertility itself had led to these changes is still unresolved. Further, well-designed studies on the topics described above are urgently needed.