

Tay-Sachs Disease

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Chromosomes

- ☀ We have a baby boy
- ☀ He has 46 chromosomes, which is normal
- ☀ The marking is on the 15th chromosome
- ☀ This results in Tay-Sachs disease
- ☀ It is an autosomal disease

Tay-Sachs Disease

- ☼ It was discovered by Warren Tay, a British ophthalmologist and Bernard Sachs, an American neurologist

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

☀ This is Warren
Tay.

☀ This is Bernard
Sachs.

QuickTime™ and a
TIFF (Uncompressed) decompressor
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Tay-Sachs (cont.)

- ☀ It is an inherited disease
- ☀ It is present in both parents but not active
- ☀ It is a disease of the central nervous system
- ☀ There is no treatment

Symptoms

- ☼ Tay-Sachs shows up at about 4-6 months
- ☼ The baby turns blind, deaf, unable to swallow, and unaware of it's surroundings
- ☼ The baby also becomes paralyzed
- ☼ It would usually die by the age of five

Tay-Sachs Disease

- ☼ They baby is healthy at birth but symptoms appear during the first four to six months
- ☼ European Jews are most likely to get the disease
- ☼ A child cannot have Tay-Sachs is both parents do not have it
- ☼ There is a 50-50 chance that a child will inherit the disease if both parents have it

☀ These are possible outcomes of having two parents with inactive Tay-Sachs disease.

QuickTime™ and a TIFF (Uncompressed) decompressor are needed to see this picture.

Personal Questions

- ☀ We would be sad when we found out the baby had Tay-Sachs after four to six months
- ☀ We would be sad finding out the baby would die from Tay-Sachs.
- ☀ We would remain parents of the baby.
- ☀ Severity, life span, living conditions, etc. are all factors.
- ☀ Our parents would agree with our decision to keep the baby.

Five Year Plan

- ⊗ Five year plan and needs for the baby:
- ⊗ Constant care is needed for the baby, the mother would stay at home full time
- ⊗ Some kind of medicine and equipment would be needed to deal with the symptoms

Bibliography

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