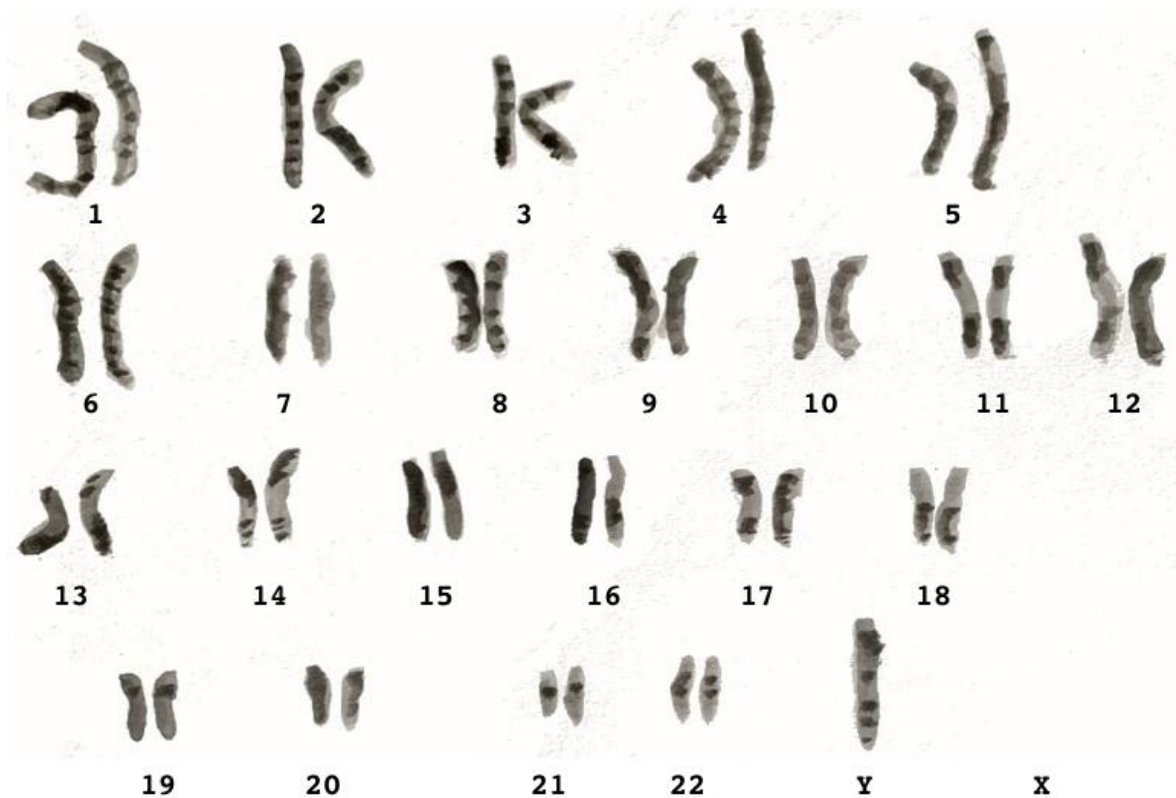


## Trisomy 21



Foto © Clipdealer

- wide space between eyes
- slanting eyes
- short nose
- flattened facial profile
- smaller than average stature
- short and broad hands
- short arms and legs
- congenital heart disease
- learning disabilities/  
reduced IQ
- reduced life expectancy



## Turner syndrome

incidence: ~ 1 in 2500 live birth

but: approximately 99 percent of fetuses with Turner syndrome spontaneously terminate during the first trimester → Turner

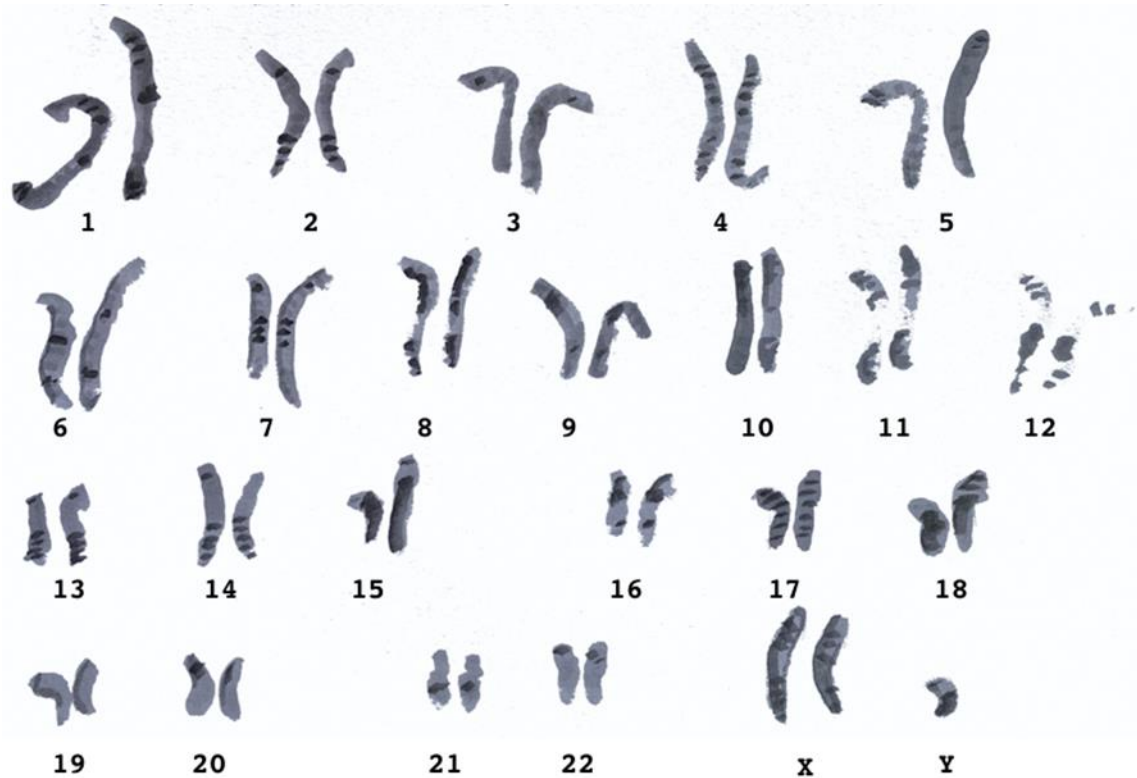
syndrome accounts for about 10 percent of spontaneous abortions.

symptoms include:

- short height
- almost always infertile
- often heart abnormalities
- often abnormal kidneys

but:

- normal intelligence
- normal life expectancy



## Klinefelter syndrome

incidence: ~ 1 to 2 in 1000 live birth

often, symptoms may be subtle and many people (about 65% of cases) do not realize they are affected.

symptoms include:

- taller than average
- reduced fertility, often infertile
- learning difficulties
- small, poorly functioning testicles → less testosterone  
→ weaker muscles and bones, less body hair, less interest in sex

but:

- normal intelligence
- normal life expectancy